

The M. A. C. RECORD.

MICHIGAN AGRICULTURAL COLLEGE.

VOL. 17.

EAST LANSING, MICHIGAN, TUESDAY, FEBRUARY 20, 1912.

No. 21.

WASHINGTON'S BIRTHDAY.

No classes on the 22d.

W. N. Ferris, president of the Ferris Institute, Big Rapids, will speak in the armory Thursday morning at ten o'clock. His subject will be "Democracy," and we can be assured of the "right sort" from Mr. Ferris. Those who have never heard Mr. Ferris cannot afford to miss this opportunity; those who have heard him would not think of missing it.

The college band will furnish music for the occasion.

MINNEAPOLIS ASSOCIATION.

An M. A. C. Organization in the Twin Cities Anticipated.

The M. A. C. alumni in and near the Twin Cities will "get together" at the West Hotel, Minneapolis, Minn., on Feb. 24.

There will, of course, be a dinner, and an attempt will be made to form a Northwest M. A. C. Alumni Association. It is sincerely hoped that every alumnus in the vicinity of these cities will be on hand and will give this movement the needed support.

M. J. Dorsey, '06, has sent out the call and there is in the neighborhood of 25 or 30 alumni who should find it possible to be present.

BASKET BALL.

HOPE WEDNESDAY—DETROIT "Y" SATURDAY.

This week will mark the closing of basket ball on the home floor. The winning of the games will virtually give M. A. C. the championship of the state. If the team is to win these two of the hardest games of the season, they will need our best support. Let everybody come out and see the last and best of the season.

Hope won in the recent contest by one point, and this is sufficient evidence that the teams are evenly matched. The game will be called at 4:30 Wednesday afternoon.

The game with Detroit Y at 8 o'clock Saturday evening promises to be a winner. They have one of the strongest aggregations in the state, and the contest will be fast and exciting. A class game will be played at 7 as a preliminary.

ALMA GAME.

M. A. C. won over Alma Friday, the final score being 37 to 15. The game was a somewhat rough and tumble affair. Vatz played an exceptionally strong game at forward, and Spencer and Goss handled the guard positions finely. The boys were obliged to remain over night, and did not reach home until 12:00 Saturday.

J. F. Nellist, of Grand Rapids, will speak at the Hort. Club tonight on "Farming Under Glass."

CHICAGO MEETING.

LEWIS INSTITUTE, FEB. 24.

Pres. George E. Simmons and Sec. J. E. Poole announce that the 1912 Chicago M. A. C. reunion will be held Saturday, Feb. 24, at the Lewis Institute, 1955 W. Madison St. Dinner at 6:30, and the management promise the "club plan."

Replies to inquiries sent out indicate that there will be a record breaking attendance—somewhere in the neighborhood of 100 people.

The Chicago alumni intend to provide entertainment in the speech line by talent from M. A. C. Dr. W. O. Hedrick, Mayor Gunson, Prof. F. S. Kedzie, Pres. Snyder and the deans are among those who have been solicited, and a rousing good time is promised all who come.

The dinner will be at 6:30 p. m.; speaking at 8:00; dancing from 9 to 12.

Every one, who has in any way ever been connected with the college, and who can possibly get to Chicago for the meeting, will be warmly welcomed, supplied with a bountiful dinner, and will receive inspiration which will last throughout the whole year.

Address all communications to Philip B. Woodworth, 1955 W. Madison St., Chicago.

ATTENTION, MICHIGANDERS!

The powers that be have set the evening of March 8, 1912, for the sixth annual love feast of the New England association of the Michigan Agricultural College alumni.

This date seems most available, since the New England conference on rural progress will be held the evening of March 7 and the forenoon of March 8. This usually takes many of the boys to Boston, and, as on former occasions, it appears the most likely time for our banquet.

An urgent request has been sent in to the effect that W. O. Hedrick be with us at this annual dinner. While we cannot promise this additional incentive for your attendance, we are confident it will be time well spent, even though we are not successful in having Professor Hedrick with us.

The banquet will probably be held at Bellevue Hotel, near the state house, and the dinner is to cost about \$1.25 per plate.

Please advise at once if you can be with us, and whether we may count upon one, two or more.

Do you know any new M. A. C. men who are in New England? If so, please advise the secretary,

G. C. SEVEY,
Springfield, Mass.
Care of *New England Homestead*.

WANTED—Rooms for 200 persons during round-up week, Feb. 27—Mar. 1.

ALUMNI

'74.

Donald Macpherson, attorney-at-law in Washington, D. C., writes an acknowledgement upon receipt of his copy of the alumni catalogue. He speaks interestingly of his work in the capital city, and concerning the old school adds: "I am extremely gratified with the high position the college has attained, both in size and quality. She now leads all the rest as an institution engaged in agriculture, horticulture, and all the arts and sciences helpful thereto."

'81.

W. S. Delano, of Lincoln, Neb., acknowledges receipt of the alumni catalog, and adds the following:

"M. A. C. men are doing their part here in Nebraska for the advancement of those who live in the open country, as well as in the up-building of the State. Dr. Bessey and myself were honored by our executive with places on the Nebraska Rural Life Commission, which now is the central figure in this movement for better farm life conditions. As chairman of the agricultural schools section, the doctor thinks that he has the problem of greatest intricacy and unlimited boundaries that was ever offered him for solution. And if Dr. Bessey can evolve an elemental system of agricultural education that will stand the tests of experience and keep the men and women of the future happy on the farm, it will not detract from his great reputation. In fact it will keep his memory fresher than his wonderful work as a botanist."

"The writer is also a member of this section, and Dean Burnett is an advisory member. Then, this letter head will show you that the commission thought that Delano could handle the tax problem, and of course Delano is sure that he has the problem of largest potentialities."

'93.

Mrs. Daisy Coffen, formerly principal of the Logan St. school, was married, about the middle of January, in Los Angeles, to Mr. Bryon Hall a real estate dealer of that city. Mr. and Mrs. Hall are now on an extended trip through Mexico, where the groom has business interests.

'07.

In the *Implement Age* of Feb. 12 is a picture of H. R. Beckwith, Jr. son of our '07, man, who is shown pushing a miniature plow. The young man is said to show, at a very tender age, a genius for the plow business, following in the footsteps of his illustrious father, who is general salesman with the Oliver Chilled Plow Co., with headquarters at Harrisburg, Pa.

Fletcher A. Gould has been engaged as teacher of civil engineering at Corvallis, Oregon, since '09. His work has been topo-

graphical drawing, railroad engineering, roofs and bridges, and plane surveying. He has also done considerable work for the college, such as laying out walks and drives, surveying the college farm, etc., and making maps and charts of same.

'08.

W. M. Rider, for two years head of the department of animal husbandry and dairying in Winona College, (Ind.), has recently been elected by the board of trustees to the position of vice president of the faculty.

The first number of *The Winona Farmer*, of which Prof. Rider is editor, is at hand, and is a very nicely gotten up sheet. Mr. Rider is assisted by a staff composed entirely of students. Among the contributions is noted one on "The Value of a Practical Knowledge of Plant Diseases, by Bert W. Keith, '11, of the Hort. Dept. of that institution."

'08.

What an M. A. C. engineer is able to do is nicely shown by a pamphlet posted on the engineering bulletin board. The pamphlet is full of illustrations of immense steel and concrete buildings, many of them in process of construction. The engineer on these big jobs was none other than E. S. Martin, of '08. Mr. Martin is the eastern representative of Mr. C. A. P. Turner, the mushroom concrete man of Minneapolis, Minn. His address is 73 Manhattan Ave., New York.

'10.

A. L. Campbell, who recently visited College friends, has just been promoted to the superintendency of the 1800 acre ranch at Arapahoe, Wyo., where he has acted as assistant the past year. The place was made vacant by the resignation of Mr. McMillan, who comes to Michigan soon to operate a dairy farm near Grand Rapids.

'10.

I. D. MacLachlan sends the engineering department a number of photographs showing the progress made on the government locks at the "Soo," where he is engaged in engineering work. This is one of the largest projects of its kind in the world, and Mr. MacLachlan has become so thoroughly interested in his work that he has given up all thought of entering the army, as was his original intention.

'10.

John Bidwell writes from Sacramento, Cal., of his work as an engineer in the west. He states that in some localities the question of keeping the water off valuable land is quite as problematic as it is to get it upon others. The engineer who would go west must expect to be many miles from railroad and post-office. There are plenty of wild lands to be surveyed, ranches and farms to be laid out, etc., and there is ample opportunity for the man who would take up this line of work.

The M. A. C. RECORD

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B. A. FAUNCE, MANAGING EDITOR

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TUESDAY, FEBRUARY 20, 1912.

MACBETH.

Mr. Coburn, with the Coburn Company, playing Macbeth in Lansing Friday night, spoke in the college chapel Friday at 10:45 to about 300 students and friends on the "The Educational Value of the Drama." The address was one of the most pleasing and instructive heard at M. A. C. this winter, and the ideas presented of the modern "playhouses" is well worth our consideration.

Mr. Coburn stated that the audience played about 50 per cent. of any production; therefore the more appreciative the audience, the more perfect the acting was sure to be.

When you step up to the box and deposit your money the manager determines your "pulse," and you pay for what you get. Two hundred nights in New York and one hundred in Chicago does not spell success, but it does spell the demands of the people, and an "unthinking people" at that. The demand today is for amusement, hence the management who is in the business for the money there is in it seeks to provide that class of entertainment which will fill his house and his purse. The people must be educated to appreciate good plays and good acting. No less than six colleges or universities are now constructing auditoriums with staging and scenery equipment in which will be presented the right sort of dramatic art.

The Coburn Players have filled many engagements in university towns, Chautauquas, etc., and, whenever possible, have presented the plays in the open. A large number of college people heard Macbeth Friday evening.

FRUIT GROWERS' BANQUET.

Forty plates were set in the neatly appointed dining room of the college cafe last Thursday evening, when the 1912 short course men in horticulture assembled for the banquet that marked the terminating assemblage of the winter course men in fruit growing. At eight o'clock proprietor Higgs was prepared to serve a tempting five-course dinner, which was finished only when the appetites of all had been destroyed, and when the atmosphere was stratified with a fog of blue.

Mr. Paul Rohns, a former chemist and graduate of Chicago University, who is president of this year's class, introduced Mr. Whitney, a former iron and steel manufacturer of Detroit who has turned fruit grower, as toastmaster of the evening. Mr. Whitney's ability as poet and joke maker made him a most

efficient master of ceremonies. The responses that he received from the members of the class, the teaching force, and from the regular Hort. club were of both laugh-provoking and thought-producing character. Some verse of Mr. Whitney's composition is given below, which he gave during the evening, and which voices a fine sentiment of the short course man.

The associations that came in this short time by the meeting of these men, who have been better prepared to take a short course than any in the history of the college, found splendid termination at this banquet. Not until midnight, when each had produced his story or joined in the songs that rang out into the night, did they separate. The feeling that they carried with them was one of perfect satisfaction, and one that is to make better fruit and better farms for our state.

THE SHORTHORN

This is the cry of the Shorthorn, from farm, from village and range;

From a life that is hedged by prejudice and narrowed from want of change;

From the city dweller tired of worldly, tempestuous strife, This is the cry of the Shorthorn: Show us a broader life.

Down at the roots of nature, life and vitality lie.

Show us the way to bring them forth and stretch them up to the sky.

Show us the way to beautify the roads that encircle our fields;

Show us the way to fructify with ever increasing yields.

Show us the way to plenty, that for recompense we may try—

Not for the love of money, but for the things that money will buy—

And we'll gratefully take the knowledge from you, the men that know, And bear the bond of humanity to the things that grow.

Short is the course of the Shorthorn, then let the friendship be long; The tie to our alma mater weak, then let the friendship be strong.

Back to the mines for the miner, but back to the country for ours,

With its pleasant nooks, babbling brooks, and its smiling fields and flowers.

We will work like a Turk in the springtime, and plant on a north-erly slope,

And smear our pomological growth with sulphurous arsenical dope.

We will knock the tar out of the fungi, and kick the slats in on the scales,

And put a dust mulch of pyrethrum on the festive curculio's tails.

Then face to face with our Maker we'll work neath the rays of the sun;

With persistence and earnest endeavor, we'll work till the race has been run.

And back to the deep wooded campus will come swinging a breeze that is rife

With the heartfelt thanks of the Shorthorn—thanks for a broader life.

[Written by Mr. George E. Whitney, of Detroit, and read by him at the banquet of the members of the Short Hort. Club, Feb. 15, 1912.]

Plan to attend the Round-Up Institute Feb. 27-March 1.

A FAREWELL.

L. L. Jones, who completed his college work in December, and has since been assisting Instructor Linton, leaves this week for Georgia, where he has charge of the poultry department of the agricultural college of that state.

In honor of Mr. Jones, a smoker was held Thursday evening of last week at the "chickenry," which was attended by about 40 of his staunch friends.

The refreshments consisted of oranges, cigars and coffee, after which a toast fest was engaged in, at which Mr. Gunson acted as toastmaster.

Mr. Jones has not only been an earnest, loyal student, but has proven himself perfectly capable as a teacher during the last eight weeks.

SENIOR ENGINEERING THESES.

"The Adaptability of Expanded Metal to Reinforced Concrete Construction."—N. Hansen, H. W. Rowley.

"Design of Dam on Grand River at Dimondale."—J. J. Harris.

"Design of Coal Handling System for Retail Coal Yard."—J. F. Jonas, G. A. White.

"Topographical Map of Lansing."—V. L. Ketchum, G. H. Palmer.

"Michigan Avenue Bridge, Lansing, Mich."—D. A. Blair, C. W. Parsons.

"Investigations of Concrete Arch Bridge at Grand Ledge, Mich."—R. A. Goodell, J. A. Miller.

"Investigation of the Sewer system of the City of Mason, Mich."—C. E. Webb, I. Westerveld.

"Analysis of Power Plant at Clare, Mich."—E. L. Horst, F. A. Stone.

"Analysis of Grand Haven Water Supply and Design for an Extension."—C. H. Dickinson, L. J. Knapp.

"Design of Gymnasium for M. A. C."—J. A. Smith, R. J. Van Winkle.

"Investigation of the Water Supply of Traverse City, Mich."—H. H. Coplan.

"Regaged Cement Mortars."—W. S. Pedersen, H. E. Wilcox.

"Proportions of Gas Producer Parts."—E. E. Hotchin, A. Iddles.

"Heating and Ventilating of Pilgrim Church, Lansing."—E. R. Bender.

"Design, Construction and Testing of Three-Stage Centrifugal Pump."—L. O. Benner, H. Groothuis, R. J. Tenkonohy, H. W. Schneider.

"History of Surveys in Michigan."—M. J. Gearing.

"Test of Hot Blast Heating Apparatus."—D. M. Bennett, C. W. Knapp.

"Investigation of New Theory for Cast Iron Beams."—H. E. Bone, F. H. Kane.

"Design of Electro-Magnets."—R. D. Carl.

"Design of Steam Hammer for M. A. C. Forge Shop."—E. G. Culver, M. Van Meter.

"Plan for the Equipment of an A. C. Laboratory."—R. B. Delvin, O. B. Holley.

"Study of Losses in a Motor Generator Set."—S. F. Delvin, R. A. Warner.

"Design of Electric Power and Pumping Plant."—E. C. Armstrong, C. R. Gifford.

"Domestic Hot Water Heating System."—V. G. Anderson, H. L. Hammond.

"Efficiency Tests of A. C. Motors."—A. B. Mead.

"Heat Treatment of Steels."—F. L. Barrows, G. M. O'Dell.

"Efficiency of a Gas Engine as Determined by Fuel Mixture."—A. B. Stuart, R. J. Wadd.

SPRING ROBIN NONSENSE.

The newspapers began to chronicle the arrival of "spring robins" in December, and have been at it ever since. Most of the reporters are honest and the robins are genuine; the only mistake made is in supposing that the birds are newcomers from the south. Thousands of robins winter in Michigan every year, singly, in pairs, and small squads, or sometimes in large flocks. In the latter case they usually select some dense swamp, or large stretch of woods in which food is plentiful, and confine themselves pretty closely to this particular region. It matters little how cold the weather may be, except as it interferes with the food supply.

Robins in winter feed mainly on such berries and small fruits as cling to the vines, shrubs and trees. Among these the commonest are hackberries, juniper berries, wild haws, or so-called "thorn apples," and berries of the cat-briar, bitter-sweet, sumac, poison sumac, poison ivy, frost-grape, black alder (holly) and a few others. So long as the snow is not very deep and few or no ice storms occur, such food is accessible, and robins do not suffer. When, however, such food becomes scarce in one place, the birds go elsewhere in search of it, and it is this scattering of the flocks in late winter which gives rise to the reports of spring arrivals. During the past eighteen winters at the college there have been only three or four when robins were entirely absent. Almost always from two to six robins have wintered on the campus or in the vicinity, and during several winters scores of robins have been present.

Most people would be surprised to know how many summer birds remain in Michigan during winter. During last January we noted on the campus goldfinches, purple finches or red linnets, cedarbirds, robins, cardinals, woodpeckers (two species), nuthatches (two species), brown creepers, chickadees, golden-crowned kinglets, redpolls, bluejays and crows. Of these, the redpolls and kinglets are the only distinctly northern birds; they are here only for the winter, the remainder either stay here the entire year or others of the same kinds take their places.

During the extremely cold weather most of these birds are comparatively silent, but when a warm day comes they become more active and noisy, so that they attract general attention. The nuthatches, bluejays and cardinals in particular become quite musical, and people who are deaf at other times to such sounds suddenly sit up and take notice, and then proclaim that the birds are coming back from the South!

WALTER B. BARROWS.
M. A. C., Feb. 16, 1912.

Prof. Barrows spoke to the Forestry Club at its last meeting on "Forest Birds of Michigan."

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ABOUT THE CAMPUS

Pres. Snyder attended farmers' institutes at Marshall, Ionia, and Howell the past week.

Edwin Nies, of the *Charlotte Tribune*, visited his brother, W. L. Nies, '13, Thursday of last week, and immediately took in the poultry show.

G. Dimmick, '11, stopped at the college Thursday of last week, on his way to Toledo, where he has accepted a position in cement construction work.

The short course students complete their work this week, and diplomas will be granted those who have done creditable work. Many of them already have good offers for the coming season.

Prof. Eustace attended a meeting at Hartford, Mich., Wednesday, of the original Fruit Belt Growers' Association. The territory embraced in this association includes counties of Van Buren, Barry and Allegan.

The M. A. C. Glee Club will make its first appearance on the evening of Feb. 22, in the armory. The club is composed of 20 voices, included in which is a splendid quartette. The concert is under the direction of Prof. Killeen, who will be assisted by Mr. Ralph Warner, baritone, and Prof. E. S. King as reader. The boys have been hard at work, under the efficient leadership of Mr. Killeen, and "An evening of harmony" is promised. An admission fee of 25 cents will be charged.

Bert Keith, '11, of Winona Agricultural college, was a college visitor the past week.

Pratchner, '11, teacher of agriculture at Northville, visited college friends Saturday, and promised to come again March 2 and bring his whole class.

Dr. Ruth Allen, of the Botanical Department, is in Stergeon Bay, Wis., having been called there on account of the serious illness of her father.

Geo. E. Dewey, '11, writes from Washington that he is very much pleased with his work in the capital city, and is looking forward with interest to the coming M. A. C. banquet.

Mrs. E. E. Kunze entertained at tea at her home Wednesday afternoon of last week, in honor of Mrs. John Willard Bolte, '05, of Winnetka, Ill., who, with her four-year old son, was visiting college friends. Mr. and Mrs. Bolte were both graduates of '05.

Mr. J. C. Th. Uphof, who is to have charge of the botanic garden, and also have some work in the herbarium, arrived from Amsterdam Thursday of last week. Mr. Uphof is the author of *Die Pflanzengottungen*, a publication giving a list of the general families of seed plants and fern, with the number of species in each group. The work was published in Leipzig in 1910. Mr. Uphof, with his bride of a month, are stopping with Dr. and Mrs. de Zeeuw for a few days.

Melbourne Hewett, '14, of Rush-ton, has been obliged to drop out of college on account of illness.

Pres. Snyder is in Washington this week, and will speak at the annual banquet of the M. A. C. alumni tonight.

Prof. Jeffery engaged in institute work at Laingsburg last week, and will be in Grand Rapids, Friday and Saturday of this week.

The Hort. department has purchased a new reflectoscope from the Bausch & Lomb Co. The instrument is used in transferring photographs on screen.

The sophomore class edit the *Holcad* this week. The class in agricultural journalism will have charge of the paper next week, while the juniors take a hand in the same work the week following.

The students comprising the "Short Hort. Club" have issued a neat little folder, which gives the name of each student taking the fruit course this year, together with his address and something of his interests.

The concert given under the auspices of the Women's Society of the People's church Thursday night was a success from every standpoint. There was a good attendance, and each and every number was received with enthusiasm.

East Lansing residents and college students are assured of quality in any entertainment given under the auspices of the Women's Society of the People's Church.

E. F. Fisher, '12, was obliged to "take to the hospital" last week, with a severe case of tonsillitis.

Dr. Wm. C. Howe, president of Case School of Applied Science at Cleveland, was a college visitor the past week. Pres. Howe has two sons in the short winter courses.

Mr. John Michels, formerly instructor in dairying at M. A. C., now of Ithaca, N. Y., has just been elected to a position as head of the department of dairying and animal husbandry of the Milwaukee County Agricultural School.

There is to be a band promenade in the armory Thursday afternoon, at 2:30. Ladies are to be admitted free, and an admission of only 25 cents will be charged for the gentlemen. An excellent program has been arranged, and six dances are to be given.

The M. A. C. Poultry Club held their annual banquet in the College Cafe last evening, in honor of seniors and short course men who meet for the last time this year. At this time the prizes for the winnings in the student judging contest were awarded. A short program was rendered.

The one week course in Dairy Farming, in connection with which is given instruction in the tuberculin test, is in progress this week. Indications are that there will be some 75 dairymen during the week, and a canvass was made of available rooms in order to accommodate all in East Lansing.

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DETROIT MEET.

Prof. Macklin, with fourteen track men, were in Detroit Thursday, where they engaged the Detroit "Y" in an interesting track meet. The outcome was in question until the very last of the contest, the final count showing 40 to 37 points, in favor of the "Y" team.

M. A. C. showed up exceptionally strong, however, and but for the fact that Geib was entirely out of condition, the home team would have had the long end of the score. The outcome is extremely gratifying, however, for the team has had little training, as compared with their opponents. Beatty, a freshman, vaulted 10 ft. 3 in., which is a splendid mark for indoor work.

M. A. C. won the relay handily, and led in the number of points.

M. A. C. WINNERS.

30 yd. dash—Garvey, 2nd; Beebe, 3d. 2 1/2 sec.

Shot Put—Day, 2st; Friar, 2nd. 44 ft 3 1/2 in.

High Jump—Lord, 1st. 5 ft. 9 in.

Pole Vault—Beatty, 1st. 10 ft. 3 in.

880-yd. Run—Brown, 1st; Rosen, 3d. 2 min. 5 1/2 sec.

Mile Run—Rosen, 2nd; Geib, 3d. 4 min. 36 sec.

Relay (18 laps, 50 yds. each)—Won by M. A. C. Warren, Beebe, Sanford, Servis. Time, 1 min. 16 sec.

POULTRY INSTITUTE.

The institute given last week was most satisfactory. The number in attendance averaged more than 50 at each session, which was a substantial increase over last year. The speakers were all of the best, and gave liberally of time and talents to the bettering of conditions in Michigan.

Four of the speakers were from outside. Prof. Graham, of Guelph, was here during the entire week, and touched upon many phases of interest to practical poultry men.

Prof. A. J. Phillips, of Purdue University, made his first visit to M. A. C., and brought with him the principles of poultry culture which, if followed, should bring the best possible results.

Mrs. W. Dawson, of London, Ontario, gave a very interesting lecture and demonstration on conditioning fowls for the show.

F. L. Sewell, of Niles, was present again this year, and both entertained and instructed with his "chalk talks." His talk on the progress of the plymouth rock was exceptionally good.

Several local speakers added much to the value of the course, and, taken as a whole, the one-week poultry course was a decided success.

On account of the extreme cold when entry blanks were to be filed, the exhibit was not so large as that of last year. Some fine birds were

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shown, however, and the scoring and judging by Messrs. Tucker and Wise was entirely satisfactory.

E. P. Bushnell, 10, in the employ of the U. S. forest service in Georgia, has been on a month's furlough. He called at M. A. C. last week, on his return to duty in the South.

J. K. Logan and Robt. Holdsworth, both '11, are in the University of Washington, at Seattle. Stamm, with '13, and McKibbin, special with the same class, are also taking forestry work in the same institution.

S. F. Knight, '09, and E. E. Wallace were college visitors Friday. Mr. Knight is with the American Bridge Co., and has recently been promoted as checker. Chas. Dunlap, '09, is also with the same company, as designer.

Those attending the junior hop Wednesday evening are to be accorded the same privileges as granted heretofore. The class will be given a holiday Wednesday, the 21st, and all those outside of juniors who are invited will be excused from classes Wednesday afternoon.

Although our rifle club team made its best score of the season, it lost to the crack Iowa team by a score of 944 to 901. Iowa now leads both eastern and western leagues by a good margin,—that is, in high scores. Our team scored as follows: Scramlin, H. W. 183; Hebard, F. F., 183; Hammond, H., 183; Aseltine, L. B., 177; Clark, K. S. 175. Total, 901.

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