

The M. A. C. RECORD.

MICHIGAN STATE AGRICULTURAL COLLEGE.

Vol. 13.

LANSING, MICHIGAN, TUESDAY, JANUARY 14, 1908.

No. 16

GRAND RAPIDS M. A. C. ASSOCIATION.

Annual Meeting Held Jan. 3.

The seventh annual social reunion of the Grand Rapids M. A. C. Association was held in the parlors of the Park Congregational church, Friday evening, Jan. 3, 1908.

After an enjoyable hour spent in meeting old and new friends of the College, the President, W. M. Adams, called the meeting to order.

Dr. J. B. Griswold was first called on, and spoke of the early days at the College and of the lessons which would go with him through life.

M. A. C. was represented by Prof. W. O. Hedrick, who spoke of the college of the present time, dwelling on the social life which has developed since the early days.

Mr. C. W. Garfield presented the following resolution which was adopted by the Association.

Resolved, that in the death of Mrs. Robert G. Baird we lose from our circle a dear and motherly woman whose life has been an inspiration and benediction to us all. We will strive to revere her memory by the exercise of more lovely kindnesses in our daily intercourse with our fellows.

Mrs. Coulter compared the time she was in college when the only course open to girls was the agricultural with the boys to the present excellent women's course with its domestic science and domestic art.

An original poem by Daniel Strange, '67, one of the oldest members of the alumni, was received with enthusiasm.

Incidents in the lives of students who had worked their way through college were given by L. B. Hall and J. E. Coulter.

Dr. McLaughlin, of Park Church, gave an interesting talk, and Mr. Garfield told of the varied life and achievements of one of his classmates.

Light refreshments were served and after the singing of America the meeting adjourned.

MRS. JOHN F. NELLIST, Secy.

DR. OSWALD SCHREINER ON FERTILIZERS FOR PLANTS.

It is not often the College community has the privilege of enjoying such a treat as that afforded them on Wednesday and Thursday evenings of last week, in hearing Dr. Schreiner of the Department of Agriculture, Washington, go into details with regard to the fundamental relations between soils (including fertilizers) and plant roots. To do any kind of justice to those addresses would take many pages; but the chief features of the discussion can, perhaps, be brought out in a much shorter space.

In the former of the two addresses were demonstrated, among other things, at least two very important facts: (1) Practically all

the so called insoluble substances of the soil, e. g., apatite, amphibole, quartz, the feldspars, and even bottle glass are soluble in distilled water. This was demonstrated before the audience. (2) Soil has a tremendous absorbing, or *holding*, power, and is capable of removing substances from solution, or even of changing some of them chemically. This absorbing power is not peculiar to soil alone, but is a quality of practically all substances (to a greater or less degree), e. g. absorbent cotton, filter paper, pounded glass, lamp black, etc. This quality is a highly important factor with respect to available plant nutrients of the soil.

The second lecture brought out, mainly, three things: (1) Soils are poor largely because of harmful matter which they contain, and not because of a lack of plant nutrients. These injurious substances have been introduced by roots of plants, and have recently been removed (some of them) and identified. They are complex organic compounds. (2) Chemical analyses of fertilizers are of little or of no value for the very purpose for which they are designed, namely that of correcting difficulties of soil, and rendering them productive, because what fertilizer will improve very materially one soil may not improve another. Moreover, a mere inert body like carbon black produces in certain cases an improvement equal to that of a standard fertilizer. (3) The test of a soil for fertility must be made with the plant as the test agent. Too long the chemist has pronounced upon the soil as to its fertility without consulting the plant. In all Dr. Schreiner's results the plant (chiefly seedling wheat) was used as the test agent, and he points out, incidentally, that not less than \$33,000,000 was wasted annually in the United States in fertilizers, not because they were inaccurately analyzed, but because, like a patent medicine, a fertilizer can do little good unless the patient happens to be afflicted with a disease for which the medicine *might* be a remedy. It would be "hit and miss" with odds in favor of the latter.

The lectures were given in the chapel which was completely filled.
DR. J. B. DANDENO.

From time to time during the past ten years or more, the U. S. Department of Plant Industry, has favored the botanical department of this college with many herbarian specimens; large samples of a dozen kinds of fibers and other objects. For some years past, Dr. Beal has collected in person samples of weed-seeds desired by the seed division. He has recently sent two large mail sacks, consisting of 50 species of seeds collected during the past year; some of these cost a good deal of effort, owing to the small size of the seeds, the remote places of growth, the uneven time of ripening. Mr. E. Brown of the seed division is much gratified with the shipment, remarking that it contains a number of things they have not been able to secure before.

THE FARMERS' MORNING.

(Written for the Seventh Annual Meeting of the Grand Rapids M. A. C. Association.)

THE SEMI-CENTENNIAL OF STATE AGRICULTURAL COLLEGES.

"AND THE EVENING AND THE MORNING WERE THE FIRST DAY."

In early twilight of our history, ere the darkness veiled the earth.

One named Cain attempted farming (tho a man of little worth).

And his fruits were not accepted; he was sent to land of Nod.

(Meaning, doubtless, land of slumber) He was curst, we read of God.

And darkness covered the earth. And men toiled for their subsistence.

digging roots and gnawing bark, Scarcely clothed and ever hungry, toiling, sitting in the dark.

Then some puny goats they captured, yielding milk and flesh of kid,

And some herds of kine surrounded, that was all the farmers did.

And darkness veiled the whole earth. Then the centuries kept passing, and this darkness, ever dense,

Never lifted, never lifted, e'en its substance you could sense.

Sixty centuries of night time, men and women homespun clad;

Children in the snow were barefoot; comforts very few they had.

And poverty ruled o'er the household. Sixty centuries of struggling—men had learned to wield the scythe,

Or with axe or hoe or sickle in the broiling sun to writhe.

Men were racked on wheel of labor, and their homes could scarce provide

With the means of their subsistence; little wealth was there beside.

And the night wore weary on. Some there were who carried torches,

seeking thus to shed some light In the dark and doleful places of that long drawn toilsome night.

There was Dr. Benjamin Franklin with his little lamps alive,

"He who by the plow would prosper must himself hold it or drive."

General Washington, the farmer, wakeful to his country's needs,

Advocated crop rotation, said, "Import some better breeds."

And a distant light seemed dawning. In the twilight of the morning

Bake-well dreamed, as in the night, How we might improve our cattle; then he woke and struck a light.

Jethro Tull said, lessen labor, let machinery lessen toil.

Humphrey Davy held a search light; like X-ray it shown thru soil.

Laws and Gilbert like great prophets held aloft this brilliant light.

"Thought should dominate all labor; then may end this darkest night."

And our horizon was brightening. Then the stars seemed paling gently—stars of superstitious light,

These had given light scarce plenty thru that long toilsome night.

By their light our great ancestors thot they read in wavering line,

"Watch the moon for all your movements. Plow and plant and pluck by sign.

Now the stars are swiftly paling, "What's that marvelous light in east?"

While their eyes are eager watching it has rapidly increased.

'Tis the rising sun approaching.

(Continued on page 4.)

ALUMNI.

'74-

Geo. W. Brewer of the above class is superintendent of the south half of the Ponca Indian reservation which consists of three townships in the north part of Noble county in Oklahoma, and is also Professor of Agriculture at the Ponca Indian School and Agency on said reservation with a late increase of salary. He says, "The Indians are on the increase as government physicians and nurses attend the sick and the Indian children are in the government schools where they are educated, fed and clothed till they are of age when they go for themselves the same as any white citizen and must support themselves.

'91.

Miss Marion Weed of the above class was married January 7, 1908, to Mr. Charles Ellsworth Neff. Mr. and Mrs. Neff will be at home to their friends after February 1, at Cleveland, Ohio.

'02.

Born to Mr. and Mrs. A. H. Case a son, weight eight pounds color of hair, red like his father's. Mr. Case will be remembered as a member of the class of '02 and Mrs. Case as the popular teacher of physical culture, Miss Avery.

'03.

E. O. Elmer of the above class stopped at M. A. C. last week on his return from Saginaw where he has been employed as night chemist in the sugar factory. Mr. Elmer runs his farm at Devereaux during the summer and works in the sugar factories during the fall campaign.

'05.

A. A. Fiske, of the above class is now in the employ of the Chicago Park Commission. Last Wednesday night he gave a stereopticon lecture before the Horticultural Club on the parks of Chicago.

'05.

C. A. Reed is now special agent for the U. S. Department of Agriculture under W. A. Taylor, '88. Mr. Reed's address is Bureau of Plant Industry, Washington, D. C.

'06.

W. P. Wilson of the above class who recently appeared at Ft. Leavenworth for competitive examination for appointment as second lieutenant in the regular army stood 3rd in a class of 23 who passed. About 100 men took the examination.

'06.

T. H. McHatton has recently been elected assistant horticulturist of the Georgia experiment station.

E. J. Kraus spent the holidays with his parents in Lansing, and with college friends. He is now employed in the department of agriculture at Washington, D. C.

THE M. A. C. RECORD.

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

W. J. WRIGHT, '04, MANAGING EDITOR

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TUESDAY, JAN. 14, 1908.

IF the points brought out by Dr. Schreiner, of Washington, in his talks at the College last week in regard to the available food supply in our soils be found, as they probably will be upon further investigation, to be correct, it would seem that, to a greater or less extent, the teachings of our agricultural colleges along the line of soil fertility have been at fault. Indeed in a science as young as the science of agriculture it would be almost a sign of unprogressiveness if some of the early theories were not overthrown or modified. In his discoveries however Dr. Schreiner does not set at naught the work of those preceding him. The problem of the early agriculturist was to keep up the producing capacity of the soil. The chemist solved this by the addition of fertilizers. If Dr. Schreiner can develop, through further investigations, a more efficient and more scientific remedy, so much the better, but in the meantime the value of the first can hardly be over-estimated. In fact should some wizard in the fairy land of science wave aside all existing ideas of science in agriculture we would still have left the educational feature of scientific agricultural training which has raised the farmer from the plodding, groping, unprogressive individual a century ago to the active, wide-awake, systematic thinking, business farmer of today which of itself is the real foundation of progress and is worth in dollars and cents to the United States many times its cost.

MEAT CUTTING DEMONSTRATIONS.

For the past two or three years demonstrations in meat cutting have been given the students specializing in live stock work. The primary object is not to instruct them in methods of slaughtering and cutting up meats, but rather to follow out certain educational features in connection with the production of prime meats, in order to determine the desirable qualities in them, which the market demands. This work is carried on during the winter term of the senior year, and occupies three hours in the afternoon of each day throughout the term. The work is carried on with cattle, sheep, hogs and poultry, somewhat after the following fashion: Animals, as far as possible, are specially fed for the work. Animals, are presented before the students in classes in the

stock judging room and account of the method of feeding is given. The animal form is studied carefully and estimates made as to the percentage of carcass which will probably be secured, and the quality of the various cuts of the same.

A slaughter record is also secured in detail, giving the weights of the living animal, and the weights, as well, of the blood, head, hide, stomach and contents, intestines and contents, vital organs, and the carcass itself. After the carcass is placed in the cooler for two or three days the shrinkage of the same is determined. The carcass then goes to the block where the various cuts are removed, weighed and the percentages of the same determined, along with notes relative to their various qualities. The object is to train men to determine, as nearly as possible, the kind and quality of the carcass that will be secured from the animal while on foot. In addition to making a careful study of individual animals they are also studied in groups. During the present week representatives of certain market classes and grades are being slaughtered, such, for instance, as better class, canners and cutters.

A shipment of six different classes of beef cattle is expected from one of the western stock yards. These have been ordered to represent prime, choice, good, medium and common steers. They will be brought before both regular and short course students so as to give them an idea as to what market quotations mean when they state that the market is paying such and such a price for any one of these particular classes. The farmer and shipper in general does not have a proper conception of what these classes signify, and thus very often results in disappointment in shipping fat cattle. These animals will not only be used to illustrate the market classes, but will be selected and the carcass studied in order to demonstrate the quality of meat that may be secured from the various classes. The work is under the direction of Instructor H. W. Norton Jr., and while as heretofore stated, the methods of slaughter and dressing are regarded as of secondary importance, still, at the same time, the training received in this line is a feature of no small degree of importance. The same line of work is followed up with sheep, hogs and poultry. It is generally conceded that this is one of the most valuable lines of instruction work that is offered to students at this institution.

BASKET BALL.

The fact that basket ball is arousing unusual interest this term is very evident after the record-breaking attendance of last Wednesday's game. Only once previously has the student body turned out in such numbers to the support of the team and that was the occasion of the Detroit Y. M. C. A. game last winter. The new movable bleacher is a splendid addition to the seating facilities and is a big improvement over the former manner of taking care of large crowds in the armory. The spirit shown in the rooting was also very noticeable in the Wednesday game, and its good effects could be seen in the way the team appreciated it. This season promises to be the most successful one the college has yet seen, both

from a financial standpoint and from the prospects of a championship team. Our team has worked together, most of them for two years and are now entering upon the third season. This fact alone assures us of unusually good team work, and this combined with the experience which is so necessary to a successful player and which is a strong factor in the equipment of our men causes us to anticipate a good record of games won.

The fact remains nevertheless that unless the team is supported loyally by the college it represents, not only financially, which after all is the easiest way to pay an obligation but by a college spirit and enthusiasm which will manifest itself at every game in good rooting, the best team that ever stepped on a floor will lose interest and forget that they are playing for their college and for what it stands. The Oberlin game was a surprise to all, for the Ohio college boys came here with a splendid record and had held the strong Detroit Y. team which last year held the state championship to a score 33 to 17. To add to our handicap, M. A. C. had only two days' practice in which to round into shape after the vacation. However within five minutes after the game started it was very evident that Oberlin was outclassed at nearly every stage. Within two minutes after the whistle had blown Krehl threw the first basket and it was closely followed by another by Vondette when time was called for the first half the score stood 25 to 10.

Oberlin seemed to have a good deal of hard luck in the matter of throwing baskets, for time and again the ball would seem on the verge of dropping through the ring only to roll off again and drop into the waiting hands below. The game was clean and few fouls were called, most of the penalties being inflicted for three men on the ball. Krehl's work at guard and his clever passing showed fine headwork. Vondette's basket throwing was sensational, there being 18 points to his credit at the close of the game. McKenna and Dickson's work at forwards could not be broken up by the Oberlin guards. Hanish was a stone wall on defense, his weight and clever blocking stopping many a try at goal. The halves were twenty minutes and full of excitement. Burton, for Oberlin, was a star, making nearly half their points. Gray made five free throws out of seven.

OBERLIN M. A. C.
Gray LF McKenna
Smith, Capt. RF Dickson
Burton C Capt. Vondette
Ward RG Krehl
Morrison LG Hanish
Score, 46-21, M. A. C. Referee, Olmstead, Oberlin. Halves, 20 minutes. Fouls, Oberlin 6, M. A. C. 6.

SAGINAW VS. M. A. C.

Saginaw high school lined up against the varsity Saturday afternoon in two twenty-minute halves and for awhile made M. A. C. hustle to keep ahead. Toward the end of the first half, however, superior team work and condition began to tell and when time was called the score stood 35-13. In the second half Mills was substituted for Dickson and Muz for Hanish, and toward the end of the game Campbell, Anderson and Belknap were sent in for a few minutes. The big football guard furnished considerable amusement for the spectators because of his size among so many smaller men, but he nevertheless

played a good game. Belknap and Merz also showed varsity calibre. Saginaw played a good scrappy game and will make a record for themselves among teams of their own class. Final score 67-23.

INSTITUTES FOR JANUARY.

Below we give a list of the Farmers' Institutes which have been arranged for the remainder of January.

COUNTY INSTITUTES.

County	City	Date
Alcona	Harrisville	Jan. 13 and 14
Iosco	Whittemore	" 14 " 15
Arenac	Standish	" 15
Clinton	Shepardsville	" 14 " 15
Eaton	Charlotte	" 15 " 16
Gratiot	Ithaca	" 15 " 16
Isabella	Mt. Pleasant	" 16 " 17
Clare	Clare	" 17 " 18
Muskegon	Casnovia	" 17 " 18
Newaygo	Fremont	" 20 " 21
Oceana	Hart	" 22 " 23
Kent	Grand Rapids	" 24 " 25
Ottawa	Zeeland	" 27 " 28
Allegan	Allegan	" 28 " 29
Kalamazoo	Climax	" 29 " 30
Berrien	Galien	" 30 " 31
Cass	Cassopolis	" 31, Feb. 1
Midland	Midland	" 30 and 21
Saginaw	Freeland	" 21 " 22
Tuscola	Caro	" 22 " 23
Sanilac	Sandusky	" 20 " 21
Huron	Harbor Beach	" 22 " 23
Genesee	Clio	" 23 " 24
Lapeer	Dryden	" 24 " 25
St. Clair	Yale	" 24 " 25
Macomb	Armada	" 27 " 28
Ionia	Ionia	" 28, 29, 30
Montcalm	Lakeview	" 22 " 23
Mecosta	Big Rapids	" 24 " 25
Manistee	Onekama	" 24 " 25
Leelanau	Suttons Bay	" 27 " 28
G'd Traverse	Trav'se City	" 28 " 29
Charlevoix	Boyne Falls	" 30 " 31
Antrim	Mancelona	" 30 " 31
Kalkaska	Kalkaska	" 31, Feb. 1

LOCAL INSTITUTES.

Cass Co. — La Grange, Jan. 13; Volinia, Jan. 14; Jones, Jan. 15 and 16; Union, Jan. 17; Adamsville, Jan. 18.
Lapeer Co. — Hadley, Jan. 13 and 14; North Branch, Jan. 15; Imlay City, Jan. 16; Almont, Jan. 17; Lapeer, Jan. 18.
Saginaw Co. — Layton Corners, Jan. 13; Frost, Jan. 14; Bridgeport, Jan. 15; Buena Vista, Jan. 16.
Genesee Co. — Mundy, Jan. 17; Goodrich, Jan. 18.
Mecosta Co. — Chippewa Lake, Jan. 16; Morley, Jan. 17.
Branch Co. — Batavia, Jan. 15; Union City, Jan. 16; Girard, Jan. 17; Butler, Jan. 18; California, Jan. 20.
St. Clair Co. — Avoca, Jan. 16; Jeddo, Jan. 17; China Twp., Jan. 18; Smith Creek, Jan. 20; Memphis, Jan. 21; Goodells, Jan. 22; Capac, Jan. 23.
Tuscola Co. — Akron, Jan. 15; Richville, Jan. 16; Millington, Jan. 17 and 18.
Allegan Co. — Wayland, Jan. 13; Otsego, Jan. 14; Chicora, Jan. 15; Leisure, Jan. 16; Glenn, Jan. 17 and 18; Fennville, Jan. 20; Douglas, Jan. 21; Hamilton, Jan. 22.
Iosco Co. — Alabaster, Jan. 24; Wilber, Jan. 25.
Lenawee Co. — Tipton, Jan. 20; North Rome, Jan. 21; South Rome, Jan. 22; Hudson Centre, Jan. 23; Medina, Jan. 24; Morenci, Jan. 25; Fruit Ridge, Jan. 27; Madison, Jan. 28; Ogden, Jan. 29; Blissfield, Jan. 30; Holloway, Jan. 31; Macou, Feb. 1; Tecumseh, Feb. 3; Addison, Feb. 4.
Antrim Co. — Central Lake, Jan. 24 and 25.
Eaton Co. — Mulliken, Jan. 30; Dimondale, Jan. 31; Bellevue, Feb. 1.

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ABOUT THE CAMPUS.

Found—On street car. A lady's purse. Call at car barns.

For Sale—Green hardwood and dry oak firewood delivered. Forestry Department.

Mr. R. S. Baker who was reported as ill in New York City is able to be out again.

Mr. and Mrs. F. H. Sanford are the happy parents of a baby girl born Wednesday, Jan. 1.

Prof. W. O. Hedrick spoke at a meeting of the Grand Rapids M. A. C. Alumni Association Jan. 3.

Instructor Sanford was out near Williamston Saturday making field studies for planting plans on a 40 acre tract there.

Prof. Vedder will act as toastmaster at the Lansing Business Men's association banquet Friday evening, Jan. 17.

Prof. Taft is attending a meeting of the State Agricultural Society at Detroit. Plans will be laid for next year's State fair at this meeting.

On Saturday Mrs. Dandeno was out for a walk for the first time since the street car collision at Blake's switch on November 17 last.

Dr. Hurt and Mr. Halpin are doing institute work at Shepardsville today and will speak at Ionia, Wednesday. Miss McDonald will speak in Charlotte tomorrow.

Word has just reached us of the marriage of Guy R. Forbes, sp. '00-'02, and Miss Grace E. Swift, at the home of the bride's parents at Streator, Ill., Dec. 25, 1907.

Dr. L. M. Hurt last week purchased a span of dapple gray percheron mares for the farm department. They were bred and raised by M. G. Schutt of Rock Rapids, Iowa. The team weighs 3700.

In place of regular recitations the class in dramatic art this term will produce four one-act comedies and rehearsals will take up the regular recitation periods. The work is under the direction of Prof. King.

F. O. Foster of Lansing, R. G. Brumm of Hastings, Jno. F. Batten of Fenton and J. A. Feeters of Owen Sound, Canada, are the short course instructors in creamery management in addition to the regular force.

At the recent meeting of the American Association for the Advancement of Science in Chicago, Professor Bissell was elected secretary for five years of Section D, devoted to mechanical science and engineering.

An apparatus for collecting dust from the wood-working machines and sweepings from all the shops will soon be installed. The plant will be furnished by the manufacturers in exchange for experimental data resulting from its test and use.

Profs. Jeffrey and Smith spoke at a public meeting of the Capital Grange Saturday evening. Prof. Jeffrey's subject was The Farmers' Bank and Prof. Smith spoke of How the Progressive and Up-to-date Farmers of Michigan are Making Good Use of the United States Experiment Station.

The following M. A. C. men have been employed in the Sebewaing sugar factory during the campaign of 1907-08: F. A. Bach, Supt.; C. W. Leippoudt, Asst. Supt.; L. D. Sees, Chief Chemist, and J. A. Cavanaugh, Night Chemist. Mr. Lees went to Cuba for the campaign there and W. A. Kirk, of Caro, takes his place.

Dr. Beal has been asked to recommend candidates to receive scholarships or fellowships in the botanical department at the University of Illinois. The scholarships amount to \$250 per year with a remission of tuition and incidental fees. The fellowships are held for those who have had some graduate work and range from \$300 to \$400 per year.

T. A. Farrand, formerly in charge of the South Haven Experiment Station is assisting in the Horticultural department during the continuance of the short course. The following speakers will address the special two weeks' course in horticulture: Prof. Taft, C. E. Bassett, Sec. of the State Horticultural Society, W. T. Hutchins, of Fen-ville, C. J. Monroe, of South Haven, G. E. Rowe, of Grand Rapids, C. B. Cook, of Owosso and E. B. Payne, of Cloverdale.

The forestry department is completing arrangements for a ten-hour walking contest to be pulled off sometime during February. Each contestant will carry a 15-pound pack and must prepare his own mid-day meal, making the conditions as nearly as possible like those which

the forester will encounter in his regular work. Three prizes will be awarded to the three contestants covering the greatest actual distance. The prizes are: 1st, a Colt's revolver, donated by R. H. Larrabee, a mariner's compass and a hunting knife, donated by Bascom & Smith.

Prof. Myers, of the zoological department, is planning to reforest a portion of his farm in northern Illinois. His plantation is to consist mostly of black locust, which will be planted with a view to producing fence posts. He expects to provide a border or windbreak by planting a row of white pine entirely around the tract. Such work not only shows an awakening realization of the possibilities of growing fence posts for one's own farm, but also the opportunity for good investment as the poorest land may, under such management, be made to yield an annual rental of from \$5 to \$15 per acre.

The seventh annual meeting of the American Breeders and Feeders Association is being held at the college today and Wednesday. This afternoon a state Guernsey Breeders association was organized and this evening a banquet will be served in the Woman's Building.

Examinations will be held Jan. 29-30, for the purpose of selecting eligibles to fill vacancy in the position of scientific assistant (male) qualified for seed testing at \$1000 and also female at \$840. Applicants should apply to the United States Civil Service Commission Washington, D. C.

THE FARMER'S MORNING.

(Continued from page 1.)

While they watched a blinding fierce light cast o'er earth its dazzling sheen; Farmers and their sons were startled; naught like it before was seen. And they cried out, "Put that light out ere it blinds our blinking eyes. But their sons looked eager at it questioning if their sires were wise. It was the State Agricultural College. And they watched it thru smoked glasses as from earth it seemed to rise; Glasses too of many colors, for its brightness tried their eyes. While some blinking eyes were blinded by the light that shown thereon Other intellects illumined glowed like dewdrops in the sun. Myriads of glistening dew drops sparkled in this morning bright, And to some that sun seemed precious when they first beheld its light, And they bathed their souls in its sunshine. Dewdrops kist by sun soon scatter, but they fructify the plants And the plants begin to blossom, welcoming the sun's advance. And the morning glories early, ope at first approach of sun. Many blossoms greet the farmer from this light that's scarce begun. And the College light is looming. Some bouquets already gathered from the fields she's looked upon Testify by their sweet perfume of the light they've drawn therefrom, Large bouquets of many blossoms, rich with fragrant honey too. Shall I name to you some blossoms that to all the world are new, While we bask in the College sunshine? First and foremost, cultured children, taught by College or her sons; For she's sent forth many teachers, some enthusiastic ones. "Yes, those flowers are purty purty." Sordid sires may sometimes say, "But we want flowers that yield us honey, something that we know will pay; "Something we can turn to money, mead of labor, learning, law, "The almighty golden dollah, that's what all are fighting foh." Such the sordid sentiment of some. Well, from sheep's back shear your fleeces, 40 pounds sometimes, you know. All because our light increases, we have learned to make it grow. And your porkers from old rooters man's intelligence has grown. Your best cow gave how much butter ere the college light had shown? Are you using sterilizers for the microbes which you own? Have you learned of fertilizers now by college nodules grown. By soil inoculation? Are you raising beets for sugar, canning waste in si lo too, Spraying fruits, dehorning cattle? Thousand things you now can do. What do your tomatoes look like by the side of ancient ones? Are you raising seedless apples, thornless berries, pitless plums? What destroyed the smut and weevil? What think you of pedigreed wheat? What about that improved seed corn adding millions in one state? These but morning glory blossoms, many hued. Sixty centuries of night; the day should surely be as long. A half century of light and now we pray that light prolong. These were blossoms plucked in morn; what may we hope from midday sun?

The college light has scarcely dawned. Watch for results not yet begun. We've early learned that light can lessen labor, God's gifts to gather from glad soil. 'Tis morning now! Awake! Arise! And greet the sun that lights our toil, While the College Sun is rising. DANIEL STRANGE, '67.

He failed in German, flunked in chem. They heard him softly hiss, 'I'd like to find the man who said: "That ignorance is bliss."—*Ec.*

Though Moses was no college man, And never played football, Yet in the rushes of the Nile, He was the first of all.

SUNDAY NIGHT

JANUARY 19, 1908

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- Pickles
- Croquettes
- Potatoes
- Tomato Sauce
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- Butter
- Salad
- Coffee
- Cake

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