

The M. A. C. Record.

VOLUME 2.

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Baccalaureate Sermon.—The Unity of Life.

We give below an abstract of the excellent baccalaureate sermon given in the armory last Sunday afternoon by the Rev. Bastian Smits of Charlotte. The minister took his text from Philippians 3-13, "One thing I do," and spoke in part as follows:

The boy sitting in the sunshine, with glass in hand, gathering the rays into one spot until they burn in, proves by that simple experiment in natural philosophy the success attending specialization and concentration.

Splendid resources and large equipment without positive direction bring comparatively small returns. The random shot rarely works other result than waste or harm. To know what you want to be is to be more than half way to the getting of it. "What do you intend to become?" asked Lord Melbourne of young Benjamin Disraeli. "Prime minister of England, my lord," promptly, confidently, came the answer.

It is "fighting it out on this line if it takes all summer" that is the spirit which wins all large and permanent victories.

It is the sure knowledge of what you want; the clear vision of the end to be reached; the determined spirit to gain it, that secures the fortune, the place, the goal desired.

Study what your chosen goal is, what it represents of life, and what sacrifices you must make to reach it. Ask what sacrifices you have no hesitation of demanding, nay, of compelling others to make, if you are to get there.

THE HUMAN THOUGHT OF IT.

You cannot pause in the terrible struggle of business life to carefully pick your steps lest you tread on some brother.

You cannot yield to some humane consideration to let slip the chance of a lifetime.

You cannot burden yourself with a debt, that is not legally, but only morally yours.

You cannot shrink from truckling to political influence and interests, full of shame and danger to the state, and which you at heart hate and despise.

You cannot heed the high and holy call of duty when the nation is in danger, to defend her honor and integrity.

You cannot afford to apply in life what Tolstoi says ought to be our rule of ethics. "To get others to work for us as little as possible, and work ourselves as much as possible for them."

Ask also what sacrifices you yourself will make to gain your end. Not what time and labor are you willing to give; not what luxury or pleasure are you willing to deny yourself; not what physical pain you are willing to undergo; but what loss are you willing to stand in sacrificing yourselves to your work.

Are you willing to become a mere machine with no other value than the work you can do?

Are you willing to lose the use and the pleasure of all the other faculties and powers given you as a creature born in God's image, so that the one thing of your life may be attained?

Surely we dare not say but that you

will have your reward, such as the world counts great.

The world's applause will be yours, empty of meaning or pleasure or satisfaction.

THE DIVINE THOUGHT OF IT.

Incomparably greater, in God's sight, than anything the man can do, is the man himself. He calls every one into holy service, not of the church only and merely, but of shop and office and field, and of every sphere of effort.

The divine thought is not the work we do, that is the end and we simply the means. It is man himself that is the end, and that which he does and the manner and spirit in which he works are the means of bringing him to his noblest heights in every power with which he has been endowed.

No man can reverse God's order, break God's laws, by putting his work first, making it supreme, saying that he will know no other aim in life but professional business, or any kind of worldly success, and not pay the inevitable penalty.

No place is there in our age for the

The true unity of life is not in what we especially aim to do, but in what we aim to become.

The divine thought of life is not what perfect work it will be able to do, but unto what perfection man is able to attain.

It is we, made in the image of God, who are to become perfect as is our Father in heaven.

Yes, it is man himself that is the end.

Veterinary Science at M. A. C.

DR. E. A. A. GRANGE, PROFESSOR OF VETERINARY SCIENCE.

Instruction in veterinary began at this College away back in the seventies, through a few lectures delivered from different sources, which were received with so much favor that in 1881 it was decided to make it a half term study, and a veterinarian was engaged to take charge of the work; in 1882 another half term was given up to it.

In 1883 the writer was invited to



DR. E. A. A. GRANGE.

man who has no definiteness of purpose, no industry, no energy. The command of scripture is "not slothful in business, fervent in spirit, serving the Lord." To do what we ought to do, and to become what we ought to become, we must all say with Paul, "This one thing I do."

God's thought is that life should be not work-centered but character-centered. Thus centered, life, with all its activities and diversified work, will be divinely focused and made one in aim and purpose.

The divine thought of life is not that it should teach only, or preach only, or superintend only, but that it should be centered in that which does not pass away. The quality of a man's work depends upon the man himself. There can be no better lawyer, or doctor, or farmer than is the man behind the lawyer, or doctor, or farmer.

As some one has said, "What a man says or does or gives is a comparatively small multiplicand, of which what the man is, is the much more significant multiplier; and the product depends mainly on the multiplier."

give a full term course of lectures.

The new study attracted so much attention from those engaged in the live stock industry that the State Board of Agriculture requested that a course relating to the anatomy and diseases of the domestic animals be provided to extend throughout the entire College year. This being done, the first class was enrolled at the beginning of the autumn term of 1883. In 1885 the State board procured an appropriation of \$7,500 from the Legislature, which was applied to the erection of a suitable building and equipment for carrying on the study in a more convenient manner.

In this building we have an excellent class room well lighted and airy, a dissecting room conveniently arranged and an operating room where students can witness various operations. The second story is now used as a bacteriological laboratory, having two work rooms and other conveniences for practical work in the study of bacteria.

The method of teaching veterinary in this department varies somewhat

according to circumstances. Sometimes the student is supplied with the raw material, a horse's leg for instance, which he prepares by dissection so that the parts most likely to be attacked by disease are plainly and thoroughly exposed to view, and studied in their healthy condition; besides this he studies the muscles and their functions, as well as the principal nerves and blood vessels. The practical work in anatomy, which occupies most of the autumn term, is supplemented by lectures and demonstrations in the class room.

To aid in the class room work our museum is provided with skeletons and models too numerous to mention. One feature, however, in our equipment, that can hardly be passed without notice, is a *papier maché* horse, which separates into 97 pieces and shows in a very accurate manner, over 3,000 parts for illustrating the anatomy of that animal.

Having disposed of the anatomy, we pass on to the diseases and study them from various standpoints, giving close attention to their causes, symptoms, and treatment, and last but not least, prevention.

Materia medica also comes in for a share of our work, and the actions, uses, doses, abuses, as well as many other features in connection with about 100 drugs, are discussed.

Surgical operations are performed before the class when it is possible to do so.

In order that the student may understand the causes of many communicable diseases, lectures and demonstrations in bacteriology are given, which branch in our course also directs the student in the care and management of wounds caused by operations or accident. The veterinary course is one of the electives in the senior year, and in a modified form is taken up in some of the special courses.

The Value of a Practical Education.

Speaking with a member of our faculty on the subject of education the other day, ex-Mayor Russell C. Ostrander of Lansing expressed himself as follows:

"The time when a competence can be acquired by mere physical labor—*toil*—is nearly passed.

"Mere *toil* not associated with mental effort is becoming more and more subject to the 'iron law' of wages

"But the field in which trained muscles aided by trained minds can find employment is practically limitless. The grandfathers of today have been fifty years teaching themselves the things that the grandchildren can learn, in schools, in fifty hours. The man who has children and has no fortune must educate his children.

"There must be education not of the head only, but of the hand. The schools and the well equipped shops and laboratories furnish the means, and such an education is, today, one of the cheapest things in America."

"In God we trust" was put on our coins as a result of the suggestion of a Pennsylvania minister in 1861. He said there was nothing on our coins to indicate to the future antiquarian that our nation was not a heathen nation. Congress in 1865 authorized it to be put on such coins as would admit it.

The M. A. C. Record.

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Official Directory.

PREACHING SERVICE—Sunday afternoons at 2:30 in the Chapel.

Y. M. C. A.—Regular meetings Sunday evenings at 7:30 and Thursday evenings at 6:30. C. W. Loomis, President. E. M. Hunt, Cor. Sec. retary.

Y. W. C. A.—Weekly meetings for all ladies on the campus, Tuesday evenings at 8:00, in Abbot Hall. Sunday meetings with the Y. M. C. A. Miss Clara J. Stocoum, President. Miss Ella Phelps, Cor. Secretary.

KING'S DAUGHTERS—Meet alternate Wednesdays. Mrs. J. L. Snyder, President. Mrs. W. Babcock, Secretary.

NATURAL HISTORY SOCIETY—Meets second Friday of each month in the Chapel at 7:00 p. m. H. C. Skeels, President. W. R. Kedzie, Secretary.

BOTANICAL CLUB—Meets Monday evenings at 6:30 in the Botanical Laboratory. Thos. Gunson, President. W. R. Kedzie, Secretary.

SHAKESPEARE CLUB—Meets Wednesday evenings at 7:30. Dr. Howard Edwards, President.

COLUMBIAN LITERARY SOCIETY—Meets every Saturday evening at 7:30, Middle Ward, Wells Hall. S. H. Fulton, President. H. Caramanian, Secretary.

ECCLESIASTIC SOCIETY—Meets every Saturday evening at 7:30, Fourth Floor, Williams Hall. C. D. Butterfield, President. W. A. Bartholomew, Secretary.

FERONIAN SOCIETY—Meets every Friday afternoon at 1:00, West Ward, Wells Hall. Amy Vaughn, President. Katherine McCurdy, Secretary.

HESPERIAN SOCIETY—Meets every Saturday evening at 7:30, West Ward, Wells Hall. C. B. Laitner, President. L. E. Sage, Secretary.

OLYMPIC SOCIETY—Meets every Saturday evening at 7:30, Fourth Floor, Williams Hall. Elwood Shaw, President. W. K. Brainard, Secretary.

PHI DELTA THETA FRATERNITY—Meets every Friday evening at 7:30, East Ward, Wells Hall. R. W. Clark, President. A. B. Krentel, Secretary.

UNION LITERARY SOCIETY—Meets every Saturday evening at 7:30, U. L. S. Hall. L. S. Munson, President. G. N. Gould, Secretary.

TAU BETA PI FRATERNITY—Meets on alternate Thursday evenings, Tower Room, Mechanical Laboratory. G. A. Parker, President. E. H. Sedgwick, Secretary.

CLUB BOARDING ASSOCIATION—L. L. Simmons, President. H. A. Dibble, Secretary.

M. A. C. ATHLETIC ASSOCIATION—C. B. Laitner, President. G. B. Wells, Secretary.

A General Outline of What May be Taught in Bacteriology.

CHARLES E. MARSHALL, ASSISTANT BACTERIOLOGIST.

There is some curiosity existing among people concerning the feasibility of teaching Bacteriology as a distinct science in our public schools. Many questions relating to this subject have been asked. In the study of other natural sciences, all have received some attention even in the high and grammar schools, and a fair knowledge of what each consists is generally disseminated; but with Bacteriology a very indefinite notion is gained because of the chaotic mass of facts which have reached the public.

At the beginning I may profitably state that the present trend of Bacteriology is toward the practical. Knowledge just for its own sake occupies a small part of this young science. All the work done is in the direction of yielding applicable and practicable facts. No science can boast

of as clean a record of practicability and utility as Bacteriology for the short time it has been regarded as a science.

An outline must be very general when so brief; each item mentioned, if pursued, would lead only to volumes of literature and months of investigation.

In considering the form, size and structure of bacteria sufficient time should be given to distinguish one species from another. When studying spores, however, especial emphasis should be placed upon their resistance to external agents, for there is recognized in these forms a stage of microorganisms formidable to contend with. The life requirements, that is, the kind of food, the proper temperature, the necessary moisture, afford us an understanding of the limitations of growth and distribution, and a means of fostering and annihilating bacteria.

Fermentation occurring in bread, canned fruits and meats, vinegar, wine, milk, soil, and other substances demands careful attention and much time. The study of beer fermentation scientifically, paves the way for other fermentations, because it has been studied so faithfully and for such a long period that we know more about it. Practically, milk should be studied most diligently although its fermentations are more complicated and should be introduced by simple fermentations. There is a great good to be secured from a close review of soil life. Its importance can scarcely be estimated correctly at the present time, but it promises much.

Putrefaction appears to us from two standpoints,—one, its role in nature's economy; the other, its connection with bacterial products, poisonous and non-poisonous. Without putrefaction there would be no life, and without bacteria there would be no putrefaction. Poisonous and non-poisonous products must be isolated for physiological, economical, and legal reasons.

There is a field for research in botany, for many plants succumb to diseases produced by bacteria. Some bacteriologists are devoting their entire energy to this work.

Much and careful attention should be given to disinfectants, and how to disinfect; to susceptibility, natural and acquired; to immunity, natural and acquired; also to the agents which render a susceptible animal immune and an immune animal susceptible; to the dissemination of each of the contagious or infectious diseases; and to the study of the various microorganisms causing these diseases.

Bacteriology cannot be made real and thoroughly practical without extensive laboratory work and training. The whole value of laboratory work of this kind depends entirely upon the maturing of details, for a single neglect of any detail means failure.

Michigan Oratorical Association.

Pursuant to a call issued by Prof. Ingraham of the Michigan Normal College and Prof. Webb of Albion College, the following persons, representing their several colleges, met at Hillsdale on June 5, 1897, and organized themselves into a convention for the purpose of formulating a detailed plan for a proposed inter-collegiate oratorical association: Prof. Webb of Albion; President Mosher, Prof. Gurney, and Mr. McLaughlin, of Hillsdale; Prof. Nykerk of Hope; Prof. Williams of Kalamazoo; Prof. Edwards of the Agricultural College; Prof. Ingraham of the Normal, and Mr. W. M. Swift of Olivet.

The following business was transacted:

Prof. Webb was chosen as chairman of the meeting and Prof. Williams as secretary.

After some preliminary remarks from various persons, the convention went into the consideration of a constitution, and by a unanimous vote the following was adopted and ordered to be submitted to the colleges for ratification or rejection:

ARTICLE I. NAME.

Section 1. This organization shall be known as the Michigan Oratorical League. The membership shall consist of the following colleges: Albion, Hillsdale, Hope, Kalamazoo, Michigan Agricultural, Michigan Normal, Olivet. Other colleges may be admitted by two-thirds of the votes cast at any annual convention.

ARTICLE II. OBJECT.

Section 1. The object of this league shall be to elevate the standard of oratory by holding annual contests.

Sec. 2. Only bona fide students of the several colleges carrying at least two-thirds of the required amount of work at the time of the league contest, and not having received any academic degree, shall be admitted as competitors.

Sec. 3. The annual contests of this league shall be held the first Friday in May of each year, at the colleges in the following order: Albion, Hillsdale, Hope, Kalamazoo, Agricultural, Normal, Olivet.

Sec. 4. Orators shall appear on the program in rotation; the orator representing the institution where the contest is held appearing first.

ARTICLE III. OFFICERS.

Section 1. The officers of this league shall be chosen from the colleges, and shall consist of a president, secretary, treasurer, and a vice president from each college not represented by another officer. These officers shall constitute the executive committee of the league. The offices of this league shall be held by rotation, and the treasurer shall be chosen from the college where the league contest shall be held.

ARTICLE IV. DUTIES OF OFFICERS.

Section 1. It shall be the duty of the president to preside at all meetings, and he shall call a special meeting at the written request of not less than four colleges, giving at least thirty days' notice of such meeting to each college. It shall further be his duty, three months before the annual contest, to nominate judges for said contest and to submit their names to each college of the league.

Sec. 2. The secretary shall perform the duties usual to that office, and such other duties as the league shall require.

Sec. 3. The treasurer shall keep the accounts of the league, pay all bills audited and allowed by the executive committee, and dispose of all funds subject to the order of the league. He shall be required to deposit with the president a bond of three hundred (300) dollars.

Sec. 4. The duties of the executive committee shall be as follows:

(1.) To audit the accounts of the treasurer.

(2.) To make all necessary arrangements for the contests, and transact other business not herein provided for.

Sec. 5. The secretary of the league, at least three weeks before the contest, shall forward a copy of each oration to each of the judges on thought and composition. These judges shall read and grade such orations, and shall send their respective markings sealed

to the secretary of the league, who shall preserve them thus sealed until the conclusion of the contest. But neither the author of any oration nor the institution represented shall be known to the judges.

ARTICLE V. JUDGES.

Section 1. No resident of the city in which any college is located, no relative of any contestant, no alumnus of any college participating, no person who holds or has held any official connection with any of the contesting colleges, shall sit as judge in a contest.

Sec. 2. Any judge shall be removed upon the protest of any college within fifteen days after the list of nominations is received. Such protest shall be made in writing.

Sec. 3. The judges selected shall be six, three of whom shall judge the orations on thought and composition; the other judges shall attend the contest and judge on delivery. One alternate shall be selected, who shall act as judge provided any regular judge fails to appear. The grades shall be made without consultation on the scale of 100.

Sec. 4. At the close of the contest the president and secretary shall take the grades of all the judges for each contestant. The orations shall be ranked 1, 2, 3, etc., the orator having the highest grade shall be ranked one, the orator having the next highest grade two, etc. The total number of ranks shall be added and the oration whose grand total is smallest shall be declared first, the next second, etc. If, however, any oration shall receive a majority of first ranks, it shall be declared first, irrespective of its total rank, and the remaining orations shall be ranked second, third, etc., according to their grand totals, as heretofore provided for.

ARTICLE VI. CONTESTANTS AND ORATIONS.

Section 1. In the contests of this league no oration shall contain more than eighteen hundred (1,800) words, and it shall be the duty of the secretary to construe this article strictly and to return any oration exceeding the above limit to the secretary of the college from which such oration was sent.

Sec. 2. Any outline, synopsis, or explanation attached to an oration shall be considered and counted as a part thereof.

Sec. 3. The several contestants shall send twenty-five (25) printed copies of their orations to the secretary of this league, so that they shall reach him at least four weeks before the contest. One copy shall be kept on file by the secretary; one copy shall be sent to each of the judges on thought and composition as directed in Article IV, Section 5, of this constitution. The remaining copies shall at the same time be distributed by the secretary of the league to the secretaries of the various colleges in sufficient numbers so that each college of the league may receive a copy of all the league orations.

Sec. 4. The orations for the league contests shall be printed by the colleges of which their authors are representatives, according to the following uniform standard: They shall be set in brevier type, the body of each page being four (4) inches wide and six (6) inches long, with a margin of one and one-half (1½) inches in width. Fifteen copies of the oration shall contain the name and college of the author, and ten copies shall appear without the name and college of the author.

Sec. 5. Twenty-four (24) pound folio writing paper shall be used in printing the orations.

ARTICLE VII. THE ANNUAL CONVENTION.

Section 1. The annual convention shall meet at 1 o'clock in the afternoon of the day on which the contest is held, and shall meet from time to time till its business shall be completed.

Sec. 2. Each college of the league shall be entitled to one vote in the annual convention.

Sec. 3. No delegate shall be entitled to a seat in the convention whose credentials shall not have been signed by the president of his college.

ARTICLE VIII.

Section 1. Any college in this league failing to take part in any annual contest without furnishing a satisfactory excuse shall be excluded from the league.

ARTICLE IX.

Section 1. The names of the orators engaged in the contest and copies of their orations; also the names and markings of the judges, shall be kept on record by the secretary.

ARTICLE X. EXPENSES.

Section 1. The league shall pay all necessary expenses connected with the contest, and all necessary expenses of judges, the president and the secretary, and the vice president when acting as president.

Sec. 2. Such an admittance fee to the oratorical contest shall be charged as the treasurer of the league shall deem proper.

Sec. 3. As a testimonial of success in contests of this league there shall be awarded to the person receiving first honors a gold medal of such value as the executive committee shall determine.

Sec. 4. The college where the contest is held shall be responsible for twenty-five (25) per cent of any net loss in conducting the contest, and shall be allowed twenty-five (25) per cent of the net profits resulting from the contest. If there are not enough funds in the treasury of the association to pay the remaining seventy-five (75) per cent of loss above mentioned, the other colleges shall be assessed equally a sum sufficient to meet the deficit.

Sec. 5. All arrangements for contests of the league shall be left to the college where the contest is held.

ARTICLE XI.

Section 1. This constitution may be amended at any annual meeting of the league by a two-thirds vote.

Sec. 2. The parliamentary authority shall be Roberts' Rules of Order.

Sec. 3. This constitution shall go into effect as soon as it shall have been ratified by five of the colleges named in Article I, Section 1.

BY-LAWS.

Article 1. The executive committee shall have power to levy a tax upon each college to meet a temporary deficit; such tax shall not exceed ten (10) dollars.

Art. 2. The archives for the permanent preservation of the constitution, by-laws, books, papers, etc., of the Michigan Oratorical League shall be at the Michigan Agricultural College, and under the supervision of the professor of English at the M. A. C.

It was resolved that the first contest should be held at Albion, and that the Normal and Olivet should select the first president and secretary respectively.

It was resolved that notices of ratification should be sent to Prof. Webb of Albion.

At the College.

Miss Amy Vaughn is entertaining her sister from Corvallis, Oregon.

Picnics are of almost daily occurrence at M. A. C. now. It is a favorite resort for those living in the vicinity.

Strawberries are just beginning to ripen, they being about four weeks later than last year. The better varieties will give a good crop.

Mr. and Mrs. William Shakespeare and daughter and Miss Smith, of Kalamazoo, are guests of Mrs. Shakespeare's sister, Miss Lucy Monroe.

Prof. and Mrs. Vedder and Norma left for Ithaca, N. Y., Sunday evening. Prof. Vedder will attend a reunion of his class at Cornell, after which the summer vacation will be spent in visiting at Ithaca and St. Johnsville.

The Horticultural department is experimenting with crown gall, a disease of the peach tree, for the purpose of finding its cause and remedy. It has been very destructive to the peach trees of Grand Rapids and vicinity for two years past.

Chesaning Argus issues an illustrated commencement edition edited by the teachers and pupils of the high school. It contains cuts of leading educators of the state, including one of President Snyder and also an article by him on "Education for a life of service."

Prof. W. O. Hedrick left for New York last evening. Thursday he will sail on the Campania for Liverpool, where he will join Prof. and Mrs. Holdsworth for a tour through England and Scotland. The remainder of the summer and autumn he will spend on the continent, devoting much of his time to study in Germany.

An exceedingly enjoyable party was given by Mrs. Kedzie to a company of campus residents during the Saturday evening of the field day intermission. Refreshments were served to Dr. Kedzie, Prof. and Mrs. Woodworth, Prof. and Mrs. Babcock, Mrs. Landon, Mrs. Wheeler, Mr. and Mrs. Westcott, Mr. and Mrs. Dean, Prof. Hedrick and Prof. Holdsworth. After tea the evening was spent at cards and in conversation.

No class that has gone out from our institution in recent years has been so fraternal in the relation of its members as the present senior class. During the past two weeks they have dined together at all the various clubs, have had almost continuous class meetings, and have visited in a body two societies. Last Saturday night they were entertained by the Union Literary Society, when the following program was presented: "Life and Works of Voltaire," E. A. Calkins; review of magazine article, "Golf," E. A. Robinson; music, quartet; oration, "The Fuel Problem," G. N. Eastman; declamation, "The Dorchester Giant," Byron Holdsworth; critic's report, C. A. Gower.

A Rare Case.

It is probable that no disease has given cattle owners more anxiety for their herds during the past few years than the dreaded tuberculosis. That the slaughter of many healthy animals has been caused by this anxiety cannot be doubted. A recent experience of Dr. Grange teaches a valuable lesson to those disposed to make hasty judgments in such matters. A cow upon which he was called to make an examination gave every apparent evidence of tuberculosis. It was emaciated, coughed badly and breathed with extreme difficulty. Added to this the history of the animal indicated its descent

from an infected herd. The animal was killed upon such satisfactory evidence and a post-mortem examination commenced. The result showed most remarkable causes for such symptoms. In the lungs was a malformation consisting of a cell some inches in diameter. The difficult breathing was accounted for. An unprecedented situation was found in the existence of many small worms in the bronchial tubes, thus accounting for the cough. While in the stomach a gallon or more of sand which the animal had eaten for indigestion showed plainly the reasons for emaciation. It is further to be added that the most extended further search gave no indications of tuberculosis. Dr. Grange wishes the moral of this experience extended to every cattle owner; namely—never without the most complete investigation or without consultation with an expert decide upon the existence of this disease.

Society Officers for the Fall Term.

The officers recently elected for the fall term by the various societies are as follows:

ATHLETIC ASSOCIATION.

President, F. V. Warren; vice president, R. E. Morrow; secretary, E. W. Ranney; treasurer, W. K. Brainerd; M. I. A. A. director, H. L. Becker; baseball manager, Geo. F. Richmond; football manager, Eugene Price; local field day manager, T. H. Libbey; directors, C. E. Townsend, '98; W. H. Flynne, '99; G. B. Wells, '00.

COLUMBIAN.

President, R. E. Morrow; vice president, H. A. Williams; secretary, F. E. West; treasurer, B. Barlow.

ECCLECTIC

President, W. J. Merkel; vice president, E. D. Gagnier; secretary, Ergenzinger; treasurer, G. B. Wells.

FERONIAN.

President, Fay Wheeler; vice president, Katherine McCurdy; secretary, Ella Phelps; treasurer, Winifred Cannell.

HESPERIAN.

President, J. B. McCallum; vice president, L. Christensen; secretary, M. H. Hammond; treasurer, W. D. Hurd.

OLYMPIC.

President, A. M. Patriarche; vice president, E. R. Russell; secretary, E. D. Brown; treasurer, F. B. Brooks.

PHIA DELTA THETA.

President, A. B. Krentel; secretary, H. B. Clark; treasurer, R. W. Clark; warden, C. M. Krentel.

TAU BETA PI.

President, F. V. Warren; vice president, H. E. Smith; secretary, C. A. Gower; corresponding secretary, C. C. Pashby; treasurer, W. Babcock.

U. L. S.

President, F. V. Warren; vice president, John Severance; secretary, Paul Thayer; treasurer, S. F. Edwards.

NATURAL HISTORY SOCIETY.

President, T. L. Hankinson; vice president, B. Barlow; secretary, O. W. Slayton.

Feronian Reunion.

Commencement festivities may be said to date from last Friday night, when the Feronian Society held its annual reunion. An excellent program was presented, which consisted of an instrumental solo by Miss Phelps, a recitation by Miss Stocoum, a poem by Miss McCurdy, an instrumental solo by Miss Kedzie, an oration by Miss Vaughn, a society paper by Miss McGillyvra, and a vocal quartet by Misses Champion, Chase, Phelps and Stocoum. Several of the Feronian alumni and

many invited guests were present. After the program had been presented dancing was enjoyed until midnight. Delicious refreshments were served at small tables in a room adjoining the society rooms.

Crop Report.

The crop reports for June 1 show wheat in poor condition and all spring crops very backward. A large percentage of corn had not yet been planted. The weather has been very favorable for meadows and pastures and for clover sowed this year, and they perhaps were never in better condition in June than this year. Apples promise about two-thirds, and peaches one-fourth crops. The wages per month of farm hands average \$14.16 with board, and \$20.44 without board, which is lower than wages were one year ago.

Cadet Private to Cadet Officer—"I am awful sick and I want to be excused from drill this morning."

Cadet Officer—"You will have to go see captain about it."

Cadet Private—"I won't do it; I ain't going to lie to him."—*Student's Herald.*

"Take away the women," shouted the orator, "and what would follow?" "We would," promptly shouted a man in the audience.—*Ex.*

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News from Graduates and Students.

Dwight Randall, with '96m, is spending the week at M. A. C.

C. T. Cook, '91, of Owosso, was at the College Wednesday. He leaves soon for California.

Vernon J. Willey, '93, has accepted his position of principal of the School for the Blind for another year.

A. E. Brown, with '86, will take his diploma with the class of '97. He is now closing up his work here.

Miss Myrtle Pashby, with '99, arrived at M. A. C. last Wednesday to remain through the commencement festivities.

We have received from the author, Prof. W. J. Meyers, '90, a copy of "Descriptive Geometry," for the alumni library.

Leander Burnett, '92, and Robert Reynolds, '95m, arrived from Cornell last week to remain through commencement week.

Prof. J. D. Towar, '85, and family, of the Rhode Island Agricultural College, will be here for commencement and will spend several weeks visiting in the vicinity of the College.

D. S. Lincoln, '81, Big Rapids, Mich., hopes to attend the reunion and meet a goodly number of his classmates. He expects to attend alumni reunions until he can send as substitutes his daughter and his son Abbot, and then, and then—!

W. L. Snyder, '82, visited College Friday and Saturday. He is still chemist of the Michigan Carbon Works, Detroit, but is now taking a vacation, which will be spent at St. Joseph and Greenville, Mich. His special mission to the College was to the chemical laboratory to investigate some new methods in analytical chemical work.

We clip from the announcement of the fourth annual assembly of the Willamette Valley Chautauqua Association, to be held at Gladstone Park, Oregon City, July 13-24, 1897: "Professors U. P. Hedrick and A. B. Cordley of the State Agricultural College at Corvallis will instruct classes in Botany and Entomology, the latter with special reference to insect pests; their work will be illustrated with the electrical stereopticon. No one interested in horticulture can afford to lose the valuable instruction of these well-known specialists."

Preparation for a Life of Usefulness.

The Y. M. C. A. meeting Sunday evening, June 6, was held in the chapel and was in charge of President C. W. Loomis, who introduced Rev. Martin T. Ranier, '74, to address the students. Mr. Ranier is a resident of Lake Park, Iowa, and has spent many years in missionary work in the great Northwest. His address on "The Biblical Young Man" was very earnest and full of good suggestions. He emphasized especially the importance of Y. M. C. A. work in a state institution such as ours, where, of course, sectarian christian work cannot be carried on.

In a short talk before the students in chapel next morning Mr. Ranier spoke very feelingly of his love for M. A. C. and of the importance the practical education received here has been to him. "I believe that even in the ministry there are more failures from a lack of practical education than from any other cause, and an education such as is given here is the best possible foundation for a life of usefulness."

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