The M. A. C. RECORD.

MICHIGAN STATE AGRICULTURAL COLLEGE.

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LANSING, MICHIGAN, TUESDAY, APRIL 21, 1908.

Y. M. C. A. CONFERENCE—APRIL 24-26.

FIRST EVER HELD AT M. A. C.

The annual Student Officers' Conference of the Young Men's Christian Association of Michigan will be held this year at M. A. C. from April 24-26. The opening session will be the banquet given by the local association to the delegates in the Women's Building Friday evening at seven o'clock. This is the first time a conference or convention of this kind has been held at M. A. C. and the local association is doing everything in its power to make it a success. Men of national prominence in association work will be the speakers and all meetings in connection with the banquet will be open to the students.

PROGRAM.

FRIDAY, P. M.
5:00 Banquet.
Speakers: Dr. T. C. Blundell, J. Lovell Murray, Secretary Student Volunteers.
Rev. A. W. Wishart, Pastor First Baptist Church, Grand Rapids, "Social Service."
Frank V. Slack, Secretary International Committee, "The Niagara Conference and the Association Leader."
A. B. Williams, Jr., Cleveland, O. "The Association and College Ideals."
SATURDAY, A. M.
9:00-10:00 Dr. W. P. Behan, J. Earl Webber, Secretary Detroit College of Medicine.
11:15-12:15 Frank V. Slack—"The President and his Cabinet—Opportunities, Preparations, Dangers to Avoid. Cabinet Perspective, Cabinet Unity, Personal Life and Influence, Leaders in Religious and Moral Affairs.
12:15-1:00 Address, A. B. Williams, Jr., "The Association and College Ideals."

SATURDAY AFTERNOON.
2:00-3:00 Dr. W. P. Behan—"The Study of Missions by College Men."
3:00-4:30 J. Lovell Murray, "The Study of Missions by College Men."
4:30-5:30 "The Business End of the Association."
5:30-6:30 "How to Use the Traveling Secretary." I. E. Buell, State Secretary.

SATURDAY NIGHT.
7:30-8:30 Frank V. Slack, "The Bible Study Movement in Our American Colleges."
8:30-9:30 L. E. Buell, "The Association Field and Its Opportunities: An Investment of Life."
Illustrated by Stereopticon.

SUNDAY, A. M.
9:00-10:00 Chapel Service. Sermon by J. W. P. Behan, "The Supreme Mission of Jesus."

Y. W. C. A.

Perhaps one of the most interesting meetings of the Y. W. C. A. held this year was the one held by Miss Kate's last Thursday evening. She took as her bible lesson I Cor. 13 and read "The Vision of Sir Launfal," while Miss Eve played appropriate music. Miss Raynor sang a solo, and a number was given by a quartet consisting of Misses Allen, Bates, Raynor and Koch.

Prof. Taft's family will occupy the house recently vacated by Prof. Smith.

ENGINEERING SOCIETY.

Last Tuesday evening Mr. W. S. Sayer, at present connected with the bacteriological department, addressed the Engineering Society upon the subject, "Water Purification for Commercial Purposes.

The presence of water-borne organisms is becoming a prominent feature in railroad engineering practice, where pipe line water is necessary for good boiler practice. The process is divided into two classes, the removal of suspended matter and the removal of dissolved matter.

The removal of suspended matter is obtained either by allowing the water to pass through a sediment or by adding a chemical to curdle the suspended matter and allow filtering.

Dissolved matter is found in all water, but when so extensive as to be injurious to the boiler, the removal involves a different problem for the chemist. Water may be clean, tasteless, yet troublesome to the boiler.

The principle involved is to change the soluble to insoluble. The impurities generally found in water are carbonates of lime and magnesium, which are held in solution by an excess of carbon dioxide. Any chemical that will absorb this excess of carbon dioxide will cause precipitation of these impurities. Carbonate of soda, or soda-ash, known as caustic soda, is used to cause the precipitation.

Notice is here given that sophomores and engineers are eligible to active membership. All sophomores desiring to join the society may present their names to any member who will see that they are brought before the society.

W. Y. G. A.

In the Record office there is kept a card catalogue of all students who have ever been connected with the college. In order that this may be kept up to date, please notify us of any change of address or occupation.

W. J. WRIGHT, Editor.

Walter F. Porter, engineering student during the above years, died at his home in Lansing recently, due to pneumonia brought on through exposure, at a fire last winter at the livery barn of Porter & Son, at which he was a partner.

In a recent letter to friends at the college, Henry Geller, '95, tells of something of his work at the Baron de Hirsch Agricultural School at Woodbine, N. J., of which he is in charge. In the two years in which he has had charge the attendance has increased from 60 to 200 and the work of the school has improved very much. He is planning for a Jewish Farm Labor exhibit this summer and expects to be back at M. A. C. again as judges. Mr. Geller also sends the library a bound copy of his thesis written for his M. S. A. degree.

J. L. Jones is now at Mount St. Joseph College, Cincinnati, Ohio, as william-} mut, Conn., as residence engineer on the installation of a hydro-electric power plant on the Yellow River. Address R. D. No. 2.

With '08.

L. F. Jones is now at Morenci, Mich., where he is working for the Horace Observer of that place.

J. V. Sheep, with '08, and wife called on college friends last week. Mr. Sheep is now in the seed business at Lincoln, Mich.

In the San Francisco Chronicle of April 8 we notice an article of some length on the pitching of Ed-ward P. Pinnance, the Indian who was on the M. A. C. pitching staff in 1904, and who is now pitching for the Portland, Oregon, team in the Pacific Coast League, and is among their most popular players. In an editorial it says: "Pinnance caught on with the fans, who were with him from the get-go. His gilt-edged pitching may be judged from the fact that no runs were made off his delivery."

With '10.

Jas. A. Munford, with '10, writing for the Record from State College, Pa., says: Among M. A. C. people here at "State" are Prof. and Mrs. Baker, '01, Prof. Van Norman, '97, Prof. and Mrs. Eder, Miss Waugh, Mr. and Mrs. Norris, Mr. and Mrs. F. J. Kaufman, and Miss McDowell.

'06.

Cards are out announcing the marriage of Silas E. Champ, of the above class to Frances Mc- Crea at Battle Creek, Dec. 29, 1907; Mr. and Mrs. Champ will make their home in East Lansing.

ALUMNI.
SCIENCE MEETING.

The State Academy of Science was organized in June, 1894. At a meeting of the advisory board, it was unanimously agreed that it should have for its principal object the study of agriculture, chemistry, botany, geography, geology, mineral resources, zoology of the State of Michigan, and the diffusion of the knowledge thus gained amongst the public. You observe that provision was made for investigations in agriculture, and at the first meeting for the presentation of papers, one paper was presented by Manly Miles, M. D., entitled "Particule Experiments for the Improvement of Agriculture," and another by Professor J. J. Ferguson, instructor in agriculture, entitled "Agricultural College; one by Dr. W. J. Beal, and one by Kenyon L. Butterfield.

At the next annual meeting held in Ann Arbor, Prof. Jeffery in the chair of the agricultural section, there were papers read: one by E. J. Fergus, in instructor in agriculture; one by a student, George Severance, a senior of the Agricultural College; one by Dr. W. J. Beal, and one by Kenyon L. Butterfield.

The meeting was held at East Lansing the attendance was good, though by no means equal to that of a local circus. What is a good attendance at meetings of scientists, either local, state, or national? Depending on where the meeting is held, and more or less advertised program, it ranges from ten, twenty, not to exceed fifty persons, except rarely when it reaches a hundred or more. A large attendance, besides saving time and expense of busy men of this college. With meetings held at East Lansing the attendance has been good, though by no means equal to that of a local circus.

Oliver's only good chance to score came in the fifth when the bases were filled by hits by Leonard, Hurlburt and Oliver. Good team work and excellent control by Peterson kept the visitors from scoring. These were the only hits Peterson kept the visitors from scoring. These were the only hits

The class track managers are: Secretary and treasurer—Amos J. L. Graybill; Walter Postiff, Roy Reynolds. On last Saturday evening the class track meet was held next Saturday. As far as possible all track events will be held. Several new men are showing up well in track work and it is possible that some surprises may be sprung at this meet.

FORENSIC SOCIETY ELECTS OFFICERS FOR SPRING TERM.

On last Saturday evening the Forensic Society held its second meeting the term in the newly appointed rooms, in ward F, Wells Hall.

The following officers were installed:

President—Evan S. Martin.

Vice-president—R. Morley Reynolds.

Secretary and treasurer—Amos Trout.

RECORD BROKEN FOR CROSS-COUNTRY RUN.

In the cross-country run pulled off Saturday afternoon over the official course Capt. Carr succeeded in winning the championship will be decided and from among the winners will be chosen the regular team. Several new men are showing up well in track work and it is possible that some surprises may be sprung at this meet.

PIANO RECITAL BY THE STUDENTS OF MUSIC.

All students and friends are cordially invited to attend a piano recital given by the students in music FRIDAY, APRIL 24, 1908, in the parlors of the Women's Building, beginning at 8:00 p.m.
About the Campus

The Try and True Circle of King's Daughters will meet with Mrs. C. D., Aldrich Thursday, April 21.

Supt. E. P. Cummings of the Lansing schools spoke at the union Y. M. and Y. W. C. A. meeting Sunday evening.

Dr. Beal has recently received from E. G. Kenney, '84, a few specimens of the Venus Flytrap plant from Wilmington, N. C. They are now in the greenhouse.

There are a few copies of the 'Jubilee Wolverine' left and they have been placed on sale at the book store. Anyone may obtain one at the reduced price of one dollar ($1).

The annual athletic circus which was held at the Memorial stadium Saturday afternoon was a great success. Captain Kierstead and Capt. W. G. Kenny, '05, a few specimens of the Venus Flytrap plant from Wilmington, N. C. They are now in the greenhouse.

The weather permitting the military drill will be held on the college grounds at 2 p.m. Thursday there will be escort to the colors and guard mount, and Thursday there will be a competitive drill. Colonel Rodgers and Captains Cox, Durst and Vandercook will act as judges.

Forestry department is installing a demonstration nursery and permanent forest plantation at the West Michigan State Fair, Grand Rapids. The permanent planting includes 29 species of both conifer and broad leaf trees. Data will be gathered from year to year on the rapidity of growth of each species. The seedlings each year from the seed beds after the fair grounds are fully stocked will be distributed to the public institutions and others desiring them at actual cost of production.

Bird Arrivals.

The arrivals of birds on the campus has been noted as follows:

February 24, purple finch.
March 11, robin.
March 11, blue bird, red-winged blackbird, browned grackle, thrush.
March 12, song sparrow, killdeer, red-shouldered hawk.
March 13, Meadowlark, sparrow hawk.
March 14, cedar waxwing.
March 18, woodcock.
March 22, rusty blackbird, migrant shrike, phoebe, marsh hawk, heron gull.
March 26, mourning dove.
March 27, golden-crowned kinglet. The first migrants appeared on this date; a few kinglets remained on the campus all winter.
March 28, myrtle warbler, chipping sparrow.
April 1, sapsucker.
April 3, phoebe.
April 9, cowbird, kingfisher, goldfinch.
April 14, vesper sparrow, tree swallow, hermit thrush, brown thrasher, cooper's hawk.
April 15, purple martin, chipping sparrow.
April 16, winter wren.

The above dates are those on which the first individual of each species was seen. In a few cases the species doubtless was here earlier than noted. This is true certainly for the kingfisher, mourning dove and vesper sparrow.

Walter B. Barrows.
REFORESTATION IN THE UPPER PENINSULA OF MICHIGAN

An Address Given by Thomas B. Wyman before the Forestry Club of the Chicago and Northwestern Iron Co., before the Forestry Club.

(Continued from last week.) In 1860 a small nursery was established at one of the Company's wood-chopping camps and various experimental plantations have been made, including white, Scotch and Norway pine; Norway, white and black spruce; hemlock, native, Carolina and Norway poplar and black locust. The white and Norway pines and Norway spruce are the more successful plantings and for the large tract of land—clear-cut from the farm district of the company—known as the Coalwood tract, the white and Norway pines will unquestionably be the most successful.

This tract is a light loamy sand and has borne a fair stand of hardwoods—maple, beech and birch—overgrown by some of the finest of the Upper Peninsula pine stock. In soil is of just that class which will produce white pine rapidly or the more tender species of hardwoods very slowly indeed; hence it is advisable to not shorten the period of rotation as much as possible but to produce the more valuable timber at the same time.

Plans have been drawn and practically approved for the reforestation of the entire tract, some fourteen thousand acres, and it is expected that work will be started this spring. This will make one of the largest, if not the largest, solid planting in this country.

In addition to this solid tract the Cleveland-Cliffs Iron Co. will plant and reinforce many other smaller tracts for utility and beauty. Some immediate planting is planned for the Munising District in reforesting the hills overlooking the town from which the best of the headlock was removed several years ago and the balance fired against the burning of the slash.

WHAT IS NOW PLANNED?

There are various advocates of forestry acting for the forests of the Upper Peninsula, chief of these being the Cleveland-Cliffs Iron Company which plans to reforest, either naturally or artificially, such of its lands as are not suitable for agriculture.

The Calumet and Hecla Mining Company has been considering the reforesting of its cut-over lands, but at the latest report they had not completed their plans.

The Chicago and Northwestern Railroad Company is said to have withdrawn all of its lands from the market and that it will soon under take the farming of tie-ration on its own barren acres.

On the southern slope of the divide, in Delta county, the Evergreen Nursery Company, of Sturgeon Bay, Wisconsin, has planned a number of plantations, but the details of these plantations have not yet been given out.

Various small planters have had the matter under consideration, but the dangers from fire are yet too great to tempt the small planter to action. Woodlot planting is not yet called for in the Upper Peninsula because of the absence of virgin forest for firewood purposes. This feature is bound to be one of great importance within a few years—in fact just as soon as our agricultural lands are occupied.

ULTIMATE RESULTS.

There are many reasons why the Upper Peninsula will in time be returned to forest conditions. There are all of the familiar ones,—fire killed,—and this will be particularly important on account of the distance from the coal fields—building timber, wind breaks, etc., but once the least considered reasons, while being one of the greatest importance is the absolute necessity of maintaining our streams which today furnish magnificient, though undeveloped, water power.

I thoroughly believe that this peninsula will eventually be considered as the portion of the state which can, to the best advantage, be reseeded in forest. Good timber is native, the soil is splendidly adapted to the raising of trees, the sicker and other shorter than is general considered best for farming, the need of timber throughout the state will be pressing; all points which, taken together with the fact that our industries depend upon the conservation and the development of the forests, makes the adoption of practical forestry methods on a large scale nothing less than obligatory.

AVERAGE men are as colorless as average clothes. College men are outside the average—they have to be.

College Brand Clothes are. Just a bit more dash to 'em, a great sight more style—and the precisely right amount of fit.

Lemme have you from wearing 'em. For the young man and the “like-to-be-young.”

O'CONNOR, Clother.