Horticultural Department.

A new plan for thesis work is to be tried the coming term by the juniors in horticulture. The class will give its attention to one subject, a selection of which parts will be assigned to various members. The subject is “The Physiology of the Flower and the Pearl,” Prof. Hedrick says, “The object in view is not to make new discoveries, but rather to receive practice in careful work, and a thorough knowledge of the various phases of the subject.” He thinks, however, because of the superior advantages for such work and the scale upon which it will be carried on, some valuable new facts will be discovered. Twelve students will devote about 100 hrs. each to the work.

The main problem is to determine which varieties of the fruits are self-fertile and which are self-sterile. There are also a number of minor questions as: How many times does a flower rotate by insects? Is the pollen from these fruits transported by wind? What insects cause the flowers to bloom? How do flowers remain in bloom? What immediate effect has pollination on the flower? At what hours are insects most abundant? Are there more insects in sheltered situations? Is failure to set fruit due to mechanical or physiological causes? Do insects prefer the pear to the apple and do they prefer certain varieties of one species to another? Do the blossoms set fruit? Can varieties be identified through the character of their flowers? What species of insects are found working on the two fruits? etc.

We feel sure that the results of the work will be of some benefit to the horticulture world.

The Bachelors’ Reception.

There are still a few bachelors among us. This was very clearly shown when these gathered to entertain in the College armory. The hosts and their guests numbered about one hundred. Through the kindness of Mr. Gunson, the decoration committee were enabled to secure some very pleasing effects by the liberal use of palms and potted plants. A touch of novelty was added by the display of colors, pendants and cushions, memorials of the men’s various home colleges.

Music was furnished during the evening by Bristol’s orchestra, and was of the kind which bachelors appreciate, every one of the eighteen numbers having been personally selected.

The programs were specially designed for the occasion. The front cover of the Y. M. C. A. almanac, “A Map of the Middle States.” The lettering is “The sea is mightier than the world!” The back bore the simple inscription, “The Lord Loveth a Cheerful Bachelor.”

Those bachelors who age or play a part in whatever manner as able to respond to the selective scenes of the Blue and the Grey found solid content in the outside and entertaining places thoughtfully provided.

The enviable reputation of the College caterer was enhanced by the admirable manner in which re-freshments were served by lady students. The dinner, served in the B. T. Hesse, missionary, W. R. Wright; social, J. A. Dun-ford; fraternity, W. J. Gebie; intercollegiate, Marcus Stevens.

Shade was to get out the Y. M. C. A. Almanac this year and save the time usually spent in getting it out in the fall for more aggressive work among the new students.

The total attendance in Bible classes Sunday—the first class meeting of the term—was thirty-five. While this is an encouraging improvement over the attendance for the same time in previous years, it is a much smaller number than the enrollment for last fall should warrant. At least to the call of the “tin horns” so to neglect our Bible study, weakening our spiritual growth. We encourage our fellow students to go out example to neglect their Bible study, but let us push the work to the end of the year.

The committee of the Y. M. C. A. and Y. W. C. A. was led by Mr. Gebie. The subject for the evening was: “When we give over to Christ.” August Frey.

Communicated.

To the Editor—

I must be a Meece of M. C. graduates. In the space of five minutes I met in front of the office of John I. Beck, Judge of Probate, J. T. Hammond, who was here at the opening of the College in 1857, and was one of the group of young men who attended the first examination given by Professor Tracy in arithmetic, probably the first examination given to any students; next came R. T. McNaughton, ’75, a real estate and insurance man; and Mr. E. Banker, a prominent lawyer in Jackson, who was assured that he was an assistant in chemistry at M. A. C. in 1857 and 1858. These men united in expressing their regret that I had not begun to see the best part of the residential alumni in and about Jackson.

Yours respectfully, C. H. Smith.

A. E. K.

Sunday Morning Services.

The Sunday morning services were conducted by Rev. Ernest Bonner Allen. He selected for his text, Hebrews 12:1-2, the substance of which is: “Let us lay aside every weight, and the sin which doth so easily beset us, and let us run with patience the race that is set before us.” The substance of his talk was: “We are not tempted; we are to temptations with which we have to contend. In our college life we are exposed to temptations more of a special nature not generally neglecting our studies for the sake of athletics, which in after years tends very strongly towards the study of the more modern oratory. It used to be thought that the judgment of the like: whereas, the judgment of the modern is graceful and the parts are well outlined. It was the most appreciated nook in the rooms. The attractive alcove where they dispensed creature comforts was the most appreciated nook in the course of construction in the workroom. It was loaned the College by the United Press.

The department has recently received a 12 K. W. Edison dynamo for temporary use in connection with the thesis. The machine will be used by Messrs. Wells and Littell in making tests upon a fan blower.

Messrs. Bailey and Lively have placed in the hands of the department an anemometer for measuring wind-velocities in connection with their thesis work; it is elevated something like forty feet about the ridge poles of the barn. The instrument was loaned the College by the United States Weather Bureau at Washington.

Over a hundred lockers are in course of construction in the work shop to hold finished and unfinished stock and incidentals belonging to students. Practically all the work is being done by students. These lockers will simplify matters considerably in starting work at the beginning of the term. At the present arrangement students must line-up and get their stock from the stock-room.

Faculty Party.

Last Saturday evening Professor and Mrs. Vedder entertained a goodly number of the faculty, with one of those delightful gatherings for which they are so famous among us. No one whose good fortune it is to have enjoyed the hospitality of this home will ever forget the happy informal cordially with which guests are received in it. What was the greater of the evening and business of the evening was a speech by Prof. Smith and Mrs. Vedder. Elaborate refreshments were served at large directors, Mr. L. Pierce occupying the seat of honor. After the last of many courses by the appetizing dishes and witticisms were indulged in until a late hour. The party broke up at midnight, and all went home declaring they had spent another most happy evening at the Vedders’. E. M. K.
George Kennan's Lecture.

Everyone heartily enjoyed the last, and this was a fitting finish to the course of the year, delivered on April 10 by George Kennan. Mr. Kennan was again at his best and with no diminution of the enthusiasm and interest that always characterize a Kennan lecture.

Mr. Kennan began by saying that he had hoped to give a more detailed account of the practical movements of the Congress of the Southern States, which have been the occasion of much discussion in the Congress and which have been a matter of great interest to Mr. Kennan as an observer on the East Coast.

Mr. Kennan then proceeded to describe the character of the Congress and its members, and to give an account of the debates that have taken place in the Congress.

Mr. Kennan concluded by saying that he had been much impressed by the earnestness with which the Congress has been conducted, and by the fact that it has been attended by a large number of prominent men, both North and South, who have taken an active part in the proceedings.

Mr. Kennan then turned to the question of the future of the Southern States, and said that he believed that the Congress was destined to play an important part in the future of the country.

He then proceeded to describe the various movements that have been made by the Southern States, and to give an account of the progress that has been made.

Mr. Kennan concluded by saying that he believed that the Congress would continue to play an important part in the future of the country, and that it would be a source of much comfort to the people of the South that it had been conducted with so much earnestness and that it had been attended by so many prominent men.
About Campus.

The base ball candidates have been practicing regularly, the outlook now being better than last year.

Professor Marshall has just concluded a test for rabies in dogs at North Branch, Mich., resulting in positive diagnosis.

Professor Barrows addressed the Natural History Club Wednesday evening on "Personal Experiences with South American Animals."

Beirks H. Tavlorian, '02, left last Wednesday evening for Buffalo to take up his work at the Exposition. At the time of his leaving he had not fully decided whether he should return here next fall or enter Cornell to continue his agricultural studies.

The juniors in Systematic Botany are each investigating some topic which is interesting botanists at the present time. The work calls the class out doors a good deal to make use of the botanic garden, the campus, and neighboring woods and swamps.

Spring flowers have begun to appear and the Botanical Club is interested in taking observations about this time of appearing for comparison with similar observations taken in previous years. The work in the Botanic Garden has commenced for the spring. The general plan will be the same as usual.

W. S. Palmer and G. M. Bradford are carrying on some grafting experiments which greatly interest visitors at the greenhouse. Potatoes have been grafted on tomatoes and vice versa; fuchsias on geraniums, and dozens of other similar combinations which would seem impossible to the average person. In all there are about 250 grafts; the object being to ascertain the reciprocal influence of stock and scion.

Owing to the impossibility of getting laboratory work in bacteriology on account of the temperature, the class in that subject is devoting its attention to lecture work, which is a general resume of the laboratory work done during the two previous terms, with a general discussion of the entire field of Bacteriology. The aim of the lecture is to fill up the deficiencies of laboratory work and to acquaint the students with the fundamental principles underlying the science.

The note, in our last week's issue, concerning F. G. Carpenter's shoot-out contained two errors. It read as follows: "Frank G. Carpenter of '01, recently put the 16 lb. shot nearly 50 feet thus beating the M. I. A. A. record. Carpenter has done nothing this season so the feat is quite a remarkable one. If Carpenter concludes to go onto the athletic field he will undoubtedly be a winner." Mr. Carpenter's class is over and the number go should have read 36. Those familiar with the M. I. A. A. record, on reading the note will readily have guessed that there was some error in the number.

Simon Dry Goods Co.

First showing of 1901 new spring wash fabrics...

New embroidered colored muslin, pr. yd. 28c New patterns for spring in velvet carpets, ingrain carpets, rugs, curtains, etc.

New spring dress goods.

New spring white goods. Students given special attention.

Furniture Headquarters.

Complete line of furniture for students' rooms.

Woven wire at.

Woven wire cots at.

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Arm chairs at.

Students tables at.

M. J. & B. M. Buck.

You know the spoiling sweater is the athletic sweater of this country. While they may cost a trifle more than other makes, they are the cheapest on account of the additional wear.

We have a complete line of the M. A. C. sweaters at $3.75 and $4.50.

Also a nice assortment of spaulding jersey sweaters.

We are showing the most beautiful line of negligee shirts ever brought to this city.

Elgin Mufflin.

The "Rugby" New rugby last, heavy extension soles, rope stitched clear around the heel, made in tan and black Russian calf, also in patent leather.

Oxfields

Made in same styles for summer wear, the "swellest" thing yet brought out.

Prices $3.50 to $5.00.

C. D. Woodbury, Hollister block.
The Michigan Engineer, the official organ of the Michigan Engineering Society contains a poem by Frank W. Northrop "A Night in Michigan City." Kenyon L. Butterfield (1903) has an article in the April Review of Review on "Neighborhood Cooperation in School Life—The Bacteria movement," and one in the April Forum on "The Grange.

L. K. Cowley, (with '01), now a prosperous stockbroker in Chicago, Ill., visited the campus last week. Mr. Cowley devotes most of his attention to cattle and hogs. He is in charge of his Kansas and Kankask Prairie grass.

William A. Cannon, (a87-'88), received his A. B. at Stanford in 1896. Last year he was Assistant there in Botany, and now he is studying for an advanced degree at Columbia. He is in New York City under date of April 3, to Professor Wheeler that he hoped to part of his longer vacation teaching in some summer school. Among other things he says: "My interest on the anatomy of the California variety of the American mistletoe (P. califomia) is to come out shortly in a Torry Botanical publication—the Cecropia, I believe. I hope to get my degree next year and then I shall try to make a living as a botanist."

About the Campus.

A dual meet is under negotiations with Alma, to be held in about a month.

Foreman E. R. Blair began plowing ground for oats on the College farm Wednesday.

Although somewhat cool for outdoor track work, most of the athletes have been on the track this week.

The ground around the Dairy Building has been covered with several inches of straw soil and is now ready for seeding.

Professor Diemer returned last week from a trip to Minneapolis where he visited several leading engineering works and returned with a number of new ideas.

Will the student who found a copy of "Rights and Duties of American Citizenship" in the chapel during the out-door work in Horticulture, be interested in the plan of making one of the best and pleasantest grounds in the State, and quite a number of enthusiasts are greatly interested in the plan.

Mr. S. Fred Edwards is at work upon the de-nitrifying bacteria found in the soil of the College farm, for the purpose of studying in them an isolated condition to ascertain quantitatively and qualitatively the various actions in soil defertilization.

Miss Eleta Paddock is continuing her thesis upon the thermal-death point of bacteria years of work in spoiled canned fruit. The object has been to determine whether the killing of canned fruit is due to mere carelessness in canning or to resistant micro-organisms.

The farm department has received a collection of bird skins and eggs from Leon J. Cole (with '99). There are about 200 skins and eggs of various woodpeckers and wood thrushes in the office. The department has received a model of a horse, to be used in studying some of the principles of draft with regard to the direction of draft and the form and weight of the animal.

The Zoological Department received a colored collection of bird skins and eggs from Leon J. Cole (with '99). There are about 200 skins and eggs of various woodpeckers and wood thrushes in the office. The department has received a model of a horse, to be used in studying some of the principles of draft with regard to the direction of draft and the form and weight of the animal.