

# The Eagle.

*Agricultural College, Michigan.*

**Vol. IV,**

**May 26, 1893.**

**No. 15.**

## COLLEGE AND STUDENT NEWS.

Mary Lewis has a bicycle.

L. A. Clinton and wife are in Chicago.

Mrs. Coryell has gone home for a visit.

Prof. Cook is still unable to be out.

Harry Haak has a good position in a machine shop at Cleveland, Ohio.

The C. L. B. C. have adopted the College green to adorn their bicycles.

Mr. Wheeler will have charge of the smut experiments begun by Mr. Holden.

Our base ball team will play a game with the Albions on Decoration day at Albion.

Rev. W. A. Meyers, of Buffalo, N. Y. will preach in the chapel next Sunday afternoon at 2:30.

The campus presents a very beautiful appearance just now. Many flowering shrubs are in bloom.

The latest member of the College Ladies Bicycle Club is Miss Loa Renner. She is the happy possessor of a Victoria, that arrived Thursday.

Mr. and Mrs. P. G. Holden left the College last Tuesday, much to the regret of their friends. Their address is now Oviatt, Benzie Co. Mich.

Secretary Reynolds returned from Chicago the first of the week, and left again Wednesday, accompanied by Mrs. Reynolds for another visit to the Fair.

During his recent visit here Mr. E. A. Burnett was presented with an elegant silver shaving mug by his class in Agriculture, as a token of their appreciation of his work.

## The College Bill

### Has Passed Both Houses.

The College asked for something over \$36,000. and will receive \$33,725. The reduction being mostly in the appropriation for walks and drives which was reduced to \$2,000.

## The Columbian Colossus.

Dr. Kedzie spent a few days last week at the World's Fair. He reports the grounds and the externals of the buildings in fine shape, and the the sight most wonderful. It is worth a journey to Chicago to see these. But the show inside the buildings is very incomplete. On the average not more than one quarter of the Exhibits are completed. In most cases there is only a confused pile of boxes, while men are frantically struggling to put up dividing walls and show cases. No one will lose anything by delaying a full month before going to the World's Wonder.

A false statement is abroad about the bad quality of the Columbian Guards. They are a very kind and obliging set of men who do their best to give required information and to make the grounds safe, quiet, and enjoyable. Reports of extortion by restaurants are greatly exaggerated. The cost per day for room and meals was \$2.50.

Call at room 31, and see those note books. Ruled, 225 pages, cloth cover 35cts. Unruled, 225 pages, cloth cover 30cts. Also fountain pens for sale. John Holland fountain pens \$1.75.

Palmer & Hale.

### A Nice Bit of Apparatus.

Prof. VanDervoort has lately completed in the Machine shop a dynamometer for measuring, directly, the force exerted on the point of a lathe tool while at work. The apparatus takes the place of the ordinary tool-point, the tool being held in a plunger which fits nicely the bore of a cylinder. Suitable guides prevent the plunger from turning when the tool is at work. After the plunger is in place the remaining space in the cylinder is filled with oil. A pump attached forces the oil in the cylinder when it is desired to raise the point of the tool. The tool may be lowered by drawing out some of the oil.

Connected with the cylinder is an ordinary pressure gauge and a Bristol's recording pressure gauge. The latter is so geared to the spindle of the lathe that the dial revolves in harmony with the spindle. The area of the plunger is ten square inches, thus the reading of the gauges gives one tenth the actual pressure on the point of the tool.

The apparatus has given some very interesting results some of which we will publish in a future issue of the EAGLE.

The designing and building of this dynamometer, together with a series of experiments which Mr. VanDervoort has completed with it will constitute his thesis for graduating, in M. E., from Cornell University next month.

### A Word of Thanks.

I desire to express my sincere thanks to the members of my class in Agriculture for their kind remembrance, and to assure the givers that I shall ever remember and appreciate their cordial friendship, and wish them abundant success. Sincerely,

E. A. BURNETT.

## J. H. WOOD, The Barber

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# \* The Eagle \*

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The investigation by the special legislative committee has been made in the crowd and hurry of the last days of the session, and it has been difficult to get the time and attention necessary to a thorough investigation; yet the work has been well done, the committee have accomplished more than a little, and their recommendations are worthy of consideration.

The report is, on the whole, a favorable one. It could not be otherwise. There are criticisms which the committee have made which are just and reasonable, and will, we trust, be accepted by those in charge of our affairs. There do not exist any conditions which warrant the condemnation and abuse indulged in by some of the Detroit papers. Because no rottenness is found, and no scandal results from an investigation, the cry of these papers now is "whitewash!"

## The Report of the Investigation.

The report of the special committee appointed by the legislature to "investigate the policy, course of study, conduct and general management of the Agricultural College and its property, and submit, if possible, recommendations looking towards an increase in, and the enlargement of, the usefulness of the institution," have submitted their report, which is briefly as follows:

### THE LEGAL BASIS.

The committee recites the provisions of the national and state laws relating to the College, and says that the intimation of the statutes is that great latitude should be given the Board. In the agricultural course, the criticism is made that there is lack of education in the practical operations of the farm. The report says, "With this exception, the course seems to be thorough and the results highly creditable to the institution."

The mechanical course is commended as follows: "This course we find in a very creditable condition. From the head of the department down, there seems to be push and vim which permeates every student with its influence and serves to make the course valuable and attractive."

### USE OF FUNDS.

The use of the funds of the institution in building and equipment is not criticised. As to salaries the report is: "while we do not find sufficient ground for recommending the cutting off of any portion of the present force, yet we do believe that more work can be given to the faculty, and a corresponding greater benefit to the students and college, by enlarging the laboratory or practical teaching without increasing materially the force of teachers." In experimental work, 19 instances are given of practical

benefit which has resulted from the scientific work of the College, such as Kerosene emulsion, showing value of Clawson wheat, etc.

#### COEDUCATION.

"The success of the education of girls at the University in our State, at the Agricultural College of Kansas, and other leading institutions where the dormitory plan is not adopted, has been such that your committee feel that the step is fully warranted, and that it is popularly demanded, and that as soon as the Board of Agriculture can arrange for the Industrial course for girls it should be done."

#### CONTROL OF COLLEGE LANDS.

The committee recommends the passage of the bill now pending for vesting the entire control of the college lands with the State Board of Agriculture, giving as their reasons practically the same arguments published in the EAGLE some time ago.

The report of the committee then goes on to recommend a number of changes which they think should be made in the conduct of affairs, some of them of a radical nature.

#### BOARD AND FACULTY.

Commenting on the abandonment of the former plan of having joint meetings of the Board and Faculty, the report says, the two bodies have drifted apart since that time, and recommends that closer relations be cultivated. A significant and important recommendation is contained in the following words: "Great latitude should be given to the President in his powers and privileges in employing and directing his assistants. He could and should be held responsible for the successes or failures resulting from his administration."

#### MANUAL LABOR.

Our labor system is then touched upon as follows: "Compulsory manual labor except as needed in conducting the practical education in the industrial branches should be abandoned. Where so needed it should be rigidly demanded and should not be paid for. When students elect to work, and there is work for them to do, it should be paid for at a price commensurate with the class of labor performed."

#### DORMITORY SYSTEM.

The committee advise the gradual abandonment of the dormitory system.

#### COURSES.

"More elective studies should be added. Adopt a popular two years' course that shall at the same time be a part of the four years' course. Strengthen and subdivide the agricultural course, adding to its practical and industrial side indoors and outdoors."

#### EXPERIMENTAL WORK.

"In the experimental work keep abreast of the better class of farmers, finding out and demonstrating the value of new things."

#### THE FARM.

"The portion of the college farm not devoted to experimental purposes should be maintained as a model farm. In the minds of your committee there exists an opportunity for improvement in this respect."

The report concludes with the following words: "Ninety-five per cent. of the people of Michigan are in the various industrial vocations and only 5 per cent. in the learned professions, yet almost the opposite ratio is maintained in the appropriations for education at our colleges of the two classes. This state of affairs should be changed and greater prominence given to the subjects that fit the great majority for the work they should



and will pursue. The "mechanic arts" occupy second place only to agriculture in this great list of followers. Can we not then recommend that a College endowed liberally by congress to "promote the liberal and practical education of the industrial classes" be occupied by eliminating the course in mechanic arts?

We think not, we should build up, not tear down."

#### A MINORITY REPORT.

Senator Gilbert, in a minority report, indulges in some criticism of the management of the farm, and does not concur in the recommendation of the majority with regard to coeducation.

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## NEWS OF THE ALUMNI.

A. F. Gorden, '91, has returned from the World's Fair and resumed the study of botany.

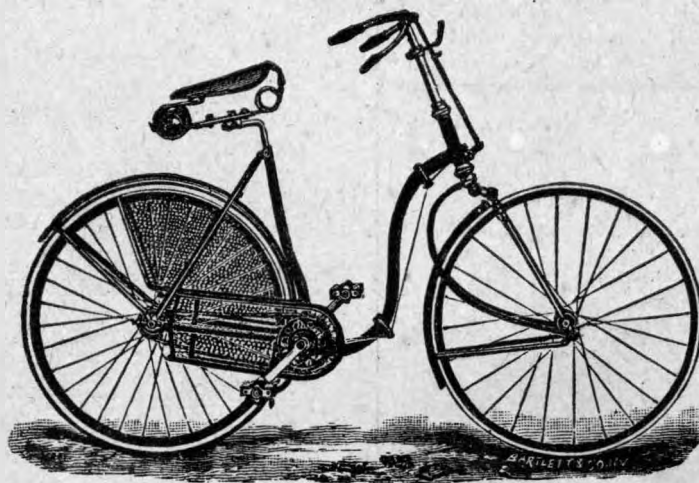
John R. Potter, with '93, died at his home near Williamston, Sunday morning May 14th, at 5 o'clock.

Born, at Storrs, Conn., on May 21st, a boy by the name of Peebles, whose weight is 5 kilo., 443 gr. The EAGLE congratulates Prof. and Mrs. Peebles.

The friends of W. S. Baird, '85, will be sorry to learn of his illness, which makes it necessary for him to give up indoor work. He expects to remove to the west, where we hope he will find a climate and occupation congenial to him.

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