THE SEMI-CENTENNIAL.

The Semi-Centennial of the College has come and gone. It was a notable event and was celebrated in a dignified and proper manner. The College has received many congratulations from prominent people upon the successful way in which the whole celebration was carried out; but it has a far broader significance than the mere celebration of the event. There perhaps has never been held in this country a meeting of educators which would equal in all respects the one which has gathered on the College at this occasion.

It has demonstrated the ability of the "new education" to stand alone, and it will give formers and the other industrial classes greater pride in their callings and a greater interest in their own peculiar institutions. In the future no one familiar with the work of the Agricultural and mechanical colleges will offer apologies for their existence. They represent a distinct type of education which has earned a place equal in rank to the old established classical and literary courses. This jubilee marks the first gathering at which it has been given this recognition. The celebration would have been a great event without the presence of President Roosevelt. The large number of representative educators and agriculturists from foreign countries was a great compliment to this institution and to the work of the American Association of Agricultural Colleges. It has been during the past fifty years.

To be honored with a visit from the President of the United States on the occasion is, of course, an exceptional honor and greatly appreciated. This institution understands that this compli­ ment extends far beyond the con­ fines of this state. It is a distinct recognition of the great work accomplished by the semi-centennial colleges in the various states.

With increased encouragement and pride, this college turns its face in the future and, as they have always renewed again its pledge of faithful­ ness to the interests of the industrial classes for which it was established, it will be brought into existence and whose well being it shall continuously try to advance.

A. A. A. C. & E. S.

The election of President J. L. Snyder to the presidency of the American Association of Agricultural Colleges and Experiment Stations is a recognition of long and very helpful service on the executive committee of that association. President Snyder was elected to the executive committee in Washington some five years ago. He has served on the committee by virtue of annual election thereto since that time. This committee has had a large number of hard problems to solve and many delicate situations to handle. The relation of the Department of Agriculture to the separate stations has been considered on the part of the station and the work of the committee has been most satisfactory and has brought about signal results.

This committee has represented the association at Washington in various relations with the general government. It has required more than ordinary skill and wisdom to so handle the college matters before congress and the department as to bring good and no evil from events that were transpiring at the capitol.

After five years of service on this committee, President Snyder has been advanced to the highest office in the gift of the association. This is a compliment paid to but few edu­ cators. His immediate predecessors have been Prof. L. H. Bailey, of Cornell. Preceding him have been distinguished college presidents and station directors, including such men as President Bachman, of Vermont; Dean Henry, of Wisconsin; President Harris, then of Maine; Director Voorhees, of New Jersey; and others. The Michigan college has cause for just pride in the addition to its faculty and in the presence of this worthy president to this noteworthy position.

THE AGRICULTURAL COURSES.

While the world stands at one side for the man that knows where he is going, it extends the glad hand to the man who knows how to do things when he gets there. Competition is bound to be very keen in the future whether these times continue or not. He who is best fitted for his work will get the best work to do and with the best work the highest remuneration, not alone in money but in breadth of life and in the pleasure of doing good things well. It sometimes appears that the college course is over-sided in the world. What one four and five year courses do is to concentrate into a few years the experiences of a lifetime. These courses are broad based in the experience of humanity in language, in the humanities, in the sciences and in the special lines of work which any student may elect.

In English the student is familiarized to the correct use of his mother tongue, is trained to write and speak correctly and is trained moreover to think so correctly as to be able to analyze his mathematics he is trained in algebra, geometry, trigonom­ ery and surveys. In botany a broad foundation for the lines of work which come later in the course. The value of this mathematical training cannot be over-estimated in this day of mechanics and machinery. Among the sciences none come first and none last. They are all of fundamental importance. Chemistry has to deal with the make­ up and constituent foods of meat and starches. It has also to do with the arts of manufacture and a host of gradu­ ate students of our college have been led off into lines of mechanical manufacture by the student council drilled at M. A. C. in qualitative and quantitative work. Botany has to do with the conversion of the elements of the soil and air into organized forms. Food is a thorough drill is given in systematic modern science. It explains phenomena which were not understood before its birth. M. A. C. has the best equipped department of bacteriological science. Geology and general biology are both offered in the regular course in agriculture. Entomolo­ gy has to do with the insects of forest conditions at various times during the past 50 years. These insects speak for themselves and demonstrate beyond question what these trees will do under like conditions.

The laboratory of this department covers 175 acres of the College farm devoted exclusively to the use of this department. There are three woodlots in which different kinds of treatment are demonstrated. In these pieces of timber the student has actual practice in determining the growth of trees, making valuation surveys, thinking of timber and other features of forestry work such as the recognition of species, habits, habitats and so forth. There are five acres devoted to a forest nursery where thousands of coniferous and deciduous seedlings are grown every year. This student becomes experienced in the different phases and methods of nursery practice. Places of suitable size are allowed each student for his personal use. The student learns how to collect and grow forest trees, seedling and store trees and cuttings of trees that are best propagated in that manner. Sufficient practice is given with the camera and in the dark room to enable the student to make photographs suitable for the teaching the standard printing and the student has enough practice with the tools that he is able to learn boundary, determinate grades and perform the

(Continued on page 2.)
THE M. A. C. RECORD.

M. A. C. WINS FIELD MEET, RELAY AND TENNIS

ALMA GETS BALL GAME

M. A. C., 67; OLIVET, 38; ALMA, 21; KAZOO, 6; HILLSDALE, 2; ALBION, 1.

TUESDAY, JUNE 18, 1907.

This issue of the Record is mailed to several thousand young people throughout the State, many of whom, we trust, are contemplating a college course. It has been our aim to give a brief view of the courses offered at this institution and confidently believe that those who will take the time to read this copy of our college paper through will be glad to know something of the definite work being done in our school.

THE M. A. C. RECORD.

Address all subscriptions and advertising matter to the College Secretary, Agricultural College, Mich. Address all contributions to the Managing Editor.

This paper is occasionally sent to non-subscribers. Such persons need have no hesitation about taking the paper from the post-office, for no charge will be made for it. The only way, however, to secure the paper regularly is to subscribe.

THE M. A. C. RECORD.

ALMA GETS BALL GAME

M. A. C., 67; OLIVET, 38; ALMA, 21; KAZOO, 6; HILLSDALE, 2; ALBION, 1.

U. OF M. & M. A. C. BALL GAME

Won by Small, M. A. C.; second, Hurth; third, Hanson, M. A. C.; time 16:45.

15 fields, 7 seconds and 6 thirds.

Of the four pennants offered we gathered in three—track, relay, and tennis. The very last one was conceded to M. A. C., the size of margin being the only question. This is the first time in the history of the M. A. C., so far as we are able to learn, that M. A. C. has won the tennis, and Taft and Gould and the Misses Taft and Benham are to be congratulated for bringing to us the tennis pennant. It will look good in the library.

The relay team won easily, this marking the fifth successive year that M. A. C. has won this event.

M. A. C. carried away more medals than all other colleges combined and came within one point of being on the number of points. As the table published will show we have the most evenly balanced team this year we have ever had. No one contestant won more than two medals and 14 men scored points, in the 11 events we scored either first or second in all save one—the high jump.

McCom of Alma did excellent work, winning in the 100 yard and quarter, and second in the 220 yard. He secured 13 points, the greatest number scored by any one man. Records were broken in the mile, two mile and discuss, and Burroughs broke our college record in the shot-put at 38-6.

Among the most interesting events were the 120 yard hurdles in which Small won by inches in a desperate break; in the half mile, Robison, of Olivet, won by a very small margin over Oviatt; and it was a toss up in the two mile, Thomas and Hanburyer, of Olivet, and Waite and Carr, M. A. C., all ran in 10 minutes; and, with the race lead changed at least four times. Thomas won out, Carr and Waite securing 2 and 3, and all three running inside the old record and Thomas breaking it by 16 seconds.

Although Albion was on her home ground and in excellent trim she has only one lone point to her credit and lost the much coveted baseball cup to Alma, whose coach was carried from the field by enthusiastic supporters.

Follow is a list of events with winners:

100-yard-dash—final heat: Won by McDonald, Alma; second, Waite, M. A. C.; third, Griffin, M. A. C.; time 10:42.

120-yard hurdles—final heat: Won by Small, M. A. C., 21 feet 1 inch; second, Hemmeway, Alma, 20 feet; third, Oviatt, 19 feet 1 inch.

Pole vault—Gongwee and Gilbert of M. A. C., tied for first at 10 feet; second, Hurlbut, Olivet.

Running high jump—Won by Winslow, Kalamazoo, 7 feet 11 inches; second, Winters, Olivet; third, Hurlbut, Olivet.

220-yard hurdles—finals: Won by Pearson, M. A. C.; second, Hurlbut, Olivet; third, Armold, Olivet; time, 24 2-5.

880-yard run—Won by Robison, Olivet; second, Oviatt, M. A. C.; third, Bigg, M. A. C.; time, 2:05.5.


The game on Saturday afternoon was one of the most exciting ever seen at a field meet. Alma secured seven hits in four innings and it looked easy for that college. Ala...
"JUST AS GOOD"

means taking chances, it doesn't pay in buying.

EACH KIND OF COTTON AND MATTRESSES

FOR YOUR ROOM.

Cots Folding Beds Mattresses

Book Cases Desks

All Goods Delivered Free.

M. J. & B. M. Buck.

THE JEWETT & KNAPP STORE

Where you will find the largest and most complete stock of Garments, Knit Underwear, Hose, Gloves and Undergarments. All the new fashions in Lace, Embroideries, and Wash Goods.

See our New Silks, Dress Goods and Trimmings. If you want an Exclusive Gown or Suit, go to Jewett & Knapp's. We Sell Reliable Makes.

NORTONS HARDWARE

111 Wash. Ave. South.

THE UNIVERSITY OF MICHIGAN AND

THE M. A. C. RECORD.

W. E. Piper '97 has accepted a position in the city engineer's office of Grand Rapids and began work Monday, June 17.

An error was made in the list of delegates presented recently. The foreign delegate was from the university at Halle instead of from Holland.

Prof. and Mrs. Bowes are at Northampton for a visit, and on the 18th will witness the graduation of their daughter, Marguerite, from Smith College.

The King's Daughters will meet with Mrs. Blair, Thursday, June 20, at 2:30. All members are requested to be present as important business is to be transacted.

A. J. Eickhoff, a teacher in the School for the Deaf at Flint, was a college caller one day last week. He is a brother of W. L. Eickhoff, who, with 1901, who died at Anderson in 1901 of typhoid fever, and was at that time a teacher in a business college.

Mr. Senmark who was injured at M. A. C. May 31, by a broken guy pole, is gaining and it is thought he will fully recover. Mr. Chas. Crill, a prominent merchant of Elsie, who, when it was thought he was injured very seriously, is gaining and it is thought he will fully recover. Mr. Chas. Crill, a prominent merchant of Elsie, who, when it was thought he was injured very seriously, is gaining and it is thought he will fully recover.

A most excellent bulletin on Plant Production by D. J. Crosby, '93, has just been received. The work is divided into three parts: a, its environment; b, its care. There are 95 splendid illustrations, and the work is certainly fully deserving of an excellent text on Elementary Agriculture.

Scholarships were offered by Olivet and Hillsdale at Lansing high school students having the highest average standing for the four years. Miss Lillian Shaffer of the city won first with a standing of 93.5 while Miss Dorothy Brown, daughter of Secretary Brown, won second with 92.5.

The Fruit Belt of Grand Rapids for May used three half-tone illustrations of forestry work. No information was given as to the origin of the photographs, but they were all made by the forestry department of M. A. C. Photographs from this department have appeared in a similar manner in other publications of late which go to show that "the press" is beginning to take notice of the great movement.

Our dairy students seem well taken care of for the summer as the following indicates: Harry Brown has been chartered a creamery at Hall, Mont., E. L. Grover and J. C. Carnovagh with condensed factory at Delavan, Wis., Floyd Hart will be in a creamery at Harbor Beach, H. H. Curtis will be with a creamery at Grindstone City, Mr. Ryley will work in a milk plant at Boston Harbor, Mr. Gilbert goes to Rood house, M. A. C., and Mr. E. C. Eich will aid Mr. Foster at M. A. C.

Every Loyal M. A. C. Student

SHOULD HAVE AN M. A. C. PENDANT FOR THE COMING GAMES WITH THE UNIVERSITY OF MICHIGAN AND THE SEMI-CENTENNIAL.

YOU CAN GET THEM AT

MIFLIN'S

MEN'S OXFORDS

PATENT GANT

BUTTON BLUCHER

PRICE $4.00 PER PAIR

OTHERS AT $3.50 AND UP

C. D. WOODBURY'S STORE

HOLLISTER BLOCK

EDUCATION FOR WOMEN.

Recent years have witnessed a very marked change in education for women. Wherefore to this new conception of education has been almost entirely a work training; a study about things but not of things. The intelligent refined women were the products of such education. A feeling, however, has prevailed for some years that young women ought to receive training in subjects that pertain to the home with the result that today the ideal education of women may be said to consist of a combination of the two ideas—the old cultural training and the more recent practical training.

In response to this new conception of what constitutes the best education for women the Michigan Agricultural College has made ample provision for the training of young women in the way of a separate women's department. The state provides a commodious dormitory for the sick in the home. Closely allied to these subjects is the matter of home maintenance of sanitary conditions in and about the home. For illustration it may be stated that the young women are taught to take care of the sick in the home. Closely allied to these subjects is the matter of home maintenance of sanitary conditions in and about the home.

Every effort is made to render this life home-like and attractive for the young women. One of the valuable features of this student life is the maintenance of a very strong Women's Christian Association.

The department of instruction is devoted to courses in Domestic Science and Domestic Art, together with those sciences such as chemistry, bacteriology, etc., whose subject matter pertains to the work in Domestic Science, thus affording a sound scientific foundation for such instruction.

Instruction in Domestic Science comprises thorough training in general cookery, the preparation of foods, the care of sick together with instruction and experience in serving meals. For rendering all work of this nature practical, fully equipped laboratories are provided where the student has the opportunity not only to observe the demonstration work of the instructor but also to participate in the preparation of simple dishes under the instructor's supervision.

This work is rendered more complete in the student's school of Domestic Science and Domestic Art, where special attention is paid to the materials comprising ordinary food, and the relative food values of these ingredients according to the latest scientific knowledge. The cooking of vegetables and cereals, the preparation of meats, salads, puddings; in fact the preparation of all the necessities of the modern American table, receive adequate attention.

Not the least important is the course of lectures in Domestic Science which prepares girls for the modern household economy, which deals with questions of vital concern to every home. Con­ sideration is given to the matter of economical ingredients of foods together with economical preparation of food. The necessities and re­ sources, not of the family, but of the community, are closely studied. In addition this course deals with the subject of marketing and the judicious purchase of supplies for the household. It may be of interest to state here that each senior entertains guests at a dinner prepared by herself, including the marketing, cooking and serving, the financial outlay for which must not exceed twenty-five cents per place.

The other course of instruction is that given by a lady physician is that pertaining to emergencies and home nursing. The young women are taught to be prepared in case of accidents before the services of a physician can be secured, as well as the methods of caring for the sick in the home. Closely allied to these subjects is the matter of home sanitation. Detailed directions are given on the maintenance and main­ tenance of sanitary conditions in and about the home.

The Domestic Art department offers courses in all phases of needlework. Beginning with its simplest form, the pupil is given a course of training in the more difficult uses of the needle in home decoration and finishing. For illustration it may be stated that the junior women are required to have completed a dress, including the draping, cutting, fitting and marking of the same. Excellent opportunity is provided in the advanced work to do their needlework.
The college maintains, also, a well-equipped chorus which meets weekly throughout the year. This gives an opportunity to those in force in all our large institutions, where the practical details of the art are taught to those who may desire such instruction. The only expense is a small fee for the use of the piano. The sophomore years to those who may desire such training in electrical engineering for young men who have not had any previous training in the subject, and to those who may take part of each course, thus securing practical training in both civil and electrical engineering. An electrical engineer should know considerable about mechanical engineering and the mechanical engineer should also have quite thorough training in electrical engineering. The civil engineer finds it very convenient to have knowledge both of mechanical and electrical engineering. By this combination this college is able to give to students practical training along these lines of work which will make them valuable men after leaving college.

Our graduates are sought for by the great industrial institutions of the country. They receive rapid advancement because they are trained along the lines which make them particularly helpful to their employers.

Beginning with the fall of 1897 the college will use the new Engineering building which has been put up at a cost of over one hundred thousand dollars. This building contains fifty rooms for study and examination, and over twenty returned students. It is well provided with the physical apparatus necessary for the teaching of mechanical and civil engineering classes in every particular. The mechanical engineering building will be suited exclusively for shop work. All the departments of engineering work are in charge of men thoroughly trained and of practical experience. We have as teachers of engineering of Cornell, Wisconsin University, Institute of Technology, Purdue University, the University of Michigan, and other institutions.

The expenses at this institution are very much less than at any other of the same class of institutions in this country of similar rank.

Capt. R. S. Welch is now at Van Buren Fine Stationery, Engraved Calling Cards, Fine Art Bindings, File Boxes, Map Mounting, Albums, and Stationery, See ad.

C. W. PLUMMER, Proprietor. Coral Gables, Fla.

THE AMERICAN LAUNDRESS sends a thorough advertisement of the goods sold by her in every issue of the M. A. C. Record.

C. W. PLUMMER, Proprietor. Coral Gables, Fla.

FOOTBALL.

The following table shows the relative strength of the colleges in the M. A. C. Conference this year.

<table>
<thead>
<tr>
<th>Team</th>
<th>Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>A. C.</td>
<td>67</td>
</tr>
<tr>
<td>B. C.</td>
<td>66</td>
</tr>
<tr>
<td>C. C.</td>
<td>65</td>
</tr>
<tr>
<td>D. C.</td>
<td>64</td>
</tr>
<tr>
<td>E. C.</td>
<td>63</td>
</tr>
</tbody>
</table>

There were 111,000 yards kicked, 220 H. 22 and 1 mile, 880 yard. Eight firsts, seven seconds, six thirds.