Banquet to '97.

The banquet given to the Senior Class, by President and Mrs. Snyder last Friday evening, proved to be one of the most delightful social events of the year.

At 7:45 the guests were assembled in the dining room, Dr. Edwards being given the seat of honor as toastmaster of the evening.

The class received a delightful surprise in finding the tables decorated in their class colors, heliotrope and lemon. The decorations included paper decorations of Marichel Niel roses and heliotrope.

After the banquet Dr. Edwards in his inimitable way introduced the first toast and, though he felt out of place and very much frightened, his ease afterwards allayed our fears. The first himself angler, was responded to by Mr. Patton. He had chosen for his motto: "Adam, still may you be in garden; still to tend plant, heel, and flower." He expressed the feeling of a large number of people in a quotation from 2 Corinthians: "Blessed be agriculture, if one does not have too much of it." But of a still larger class was speaking on a subject when he spoke of the advanced farming had made on account of new inventions and improved machinery. One of the farmers as a class had made in intellectual developments. Some amusement was created when he gave us a method he used for receiving on a farm. From his description we have no difficulty in imaging our hero feeding to his stock the proper amount of profuse, fat, and carbohydrate required to give best results.

The next toast, "The spirit of '97," was ably answered to by Miss Champion. Her description of the class of '97 was so hollywood we think she must have possessed communications from real life. She assured us that the class in a social way was a unit. But by what name does she know the spirit of something with which anyone acquainted with the class of '97 could not have been familiar. Namely, the horses their sports was one they possessed more than a single thought.

Mr. A. had to respond to the toast, "Some Historical Notes," but on account of his absence our worthy toastmaster in all we asked himself receiving on a farm. Con the description he gave us of the spirit of the time in the class, it is true, but are facing the same world—machinery or labor, which the American farmer is not to be discussed. Our nation has long been paralyzed on one side, and, as is now, is slowly rising to life, there comes tingling sensation like that which is felt in a man's arm when asleep and sensation begins to return. The pain is so vivid a sensation that we wish this sensation would not return. But something must be done. We must adhere to the idea that man is public conscience with a voice frequent to the frequent lynchings or to the petty annoyances to which the negroes always have been confined in the vantage, however slowly it comes, must come through the influence of public opinion and the enlightening influence of education.

An Inspiration to Students.

Every student in College should have heard the inspiring speech Mr. Bird gave on April 26, last Friday morning.

He said that during the past two and a half years his newspaper work had led him to ask college graduates a series of questions. One of these questions was, "Do you often visit your alma mater? If so, why?" To the first part of this question most answered "Yes, as often as possible." To the second part, "The variety of duties which a man is given, but the most common was "To get renewed inspiration for my work." There seems to be encouragement, in getting look and looking into student faces, in going over the college grounds, most of all, in looking into the faces and shaking the hands of the faculty, which he have done so much for us.

Another question was, "What do you most regret in connection with your college courses?" To this there was no answer, "That I did not better improve the opportunities offered me." No matter how poor or how good a student a man was, when he gets to the cold facts of making a living, he finds himself regretting the college opportunities. But no matter how superior the time in algebra or still worse in college, he never regrets that he took the full course.

The instance was cited of the casket of one of the leading banks of Detroit, a very successful and very business man, who left M. A. C. at the end of his sophomore year to accept a position in Chicago. In with the full course, he considers it the greatest mistake of his life that he did not remain in college for the full course. Mr. Bird concluded the words of praise for the student who works his way through college and then goes out into the world. He made an inspirational talk to his fellowmen for a higher and broader and intellectual and moral life.

Befalishing in California.

Will Cannon, with '92, who is a student of Stanford University, writes from Palo Alto, California, very interesting letters of his experiences during the spring vacation. We take the liberty of quoting portions of the letter:

"Monday I determined to begin to collect grapes, even if I had no wheel and had to rent one whenever it would be necessary to get about in collecting; accordingly, I started Tuesday for the mountains to collect and rest from school work.

"The mountains west of here, about eight miles away, run parallel to the coast. They present an ever and regular side to the valley but run out in many wooded spurs and deep ravines to the ocean. The 'greasers' and Por­

..."
The M. A. C. Record.

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Official Directory.

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

T. M. Hall. Meetings every Sunday afternoon excepting one Sunday in every month, in the Lecture Hall, W. O. Ingersoll, Chairman.

Bible study group meets every Tuesday afternoon and evening at 5:30 p.m. in the Dormitory, C. R. Christianson, Secretary.

H. M. B., and every third Thursday of the month at 7:30 p.m., in the Lecture Hall, D. A. Seidelman, Secretary.

NATURAL HISTORY SOCIETY—Meets second Thursday of each month at 7 p.m. in the Lecture Hall, H. E. Bush, Secretary.

SHAKESPEARE CLUB—Meets every Tuesday at 7 p.m., in the Lecture Hall, L. M. K., Secretary.

DOMESTIC SCIENCE SOCIETY—Meetings every Wednesday afternoon at 3:00 p.m., in the Lecture Hall, E. W. Miller, Secretary.

BERNOULLI CLUB—Meetings every Saturday afternoon at 2:30, in the Lecture Hall, S. M. A., Secretary.

COLUMBIAN LITERARY SOCIETY—Meetings every Sunday evening at 7:30, in the Lecture Hall, L. H. H., Secretary.

E. B. F., and every third Thursday of the month at 7:30 p.m., in the Lecture Hall, W. B. M., Secretary.

FERICAN SOCIETY—Meetings every Friday evening at 7:30, in the Lecture Hall, A. A., Secretary.

HESPERIAN SOCIETY—Meetings every Friday evening at 7:30, in the Lecture Hall, E. B. F., Secretary.

HORSE HUSBANDRY CLUB—Meetings every Saturday afternoon at 5:00, in the Lecture Hall, A. K. Crellin, Secretary.

PILGRIM CLUB—Meetings every Saturday afternoon at 2:30, in the Lecture Hall, G. N. Smith, Secretary.

TAU ETA PHI FRATERNITY—Meetings every Friday evening at 7:30, in the Lecture Hall, F. H. W., Secretary.

CLUB BOARDING ASSOCIATION—Meets every Wednesday evening at 8:00 p.m., in the Lecture Hall, L. C. L., Secretary.

M. A. C. ATHLETIC ASSOCIATION—K. E. Langmead, Secretary.

Gall Insects.

R. H. PETTIT.

A question often asked of the entomologist is "How did the little grub get inside of the oak-apple?" We are all familiar with the curious little oak galls to which we allude. They are so small that it is almost impossible to see them, and one of us has, in an inquiring frame of mind, gone so far as to cut open one of these small peas in hopes of discovering the answer. We were so fortunate as to carry our investigation before the innate hatred of destruction was satisfied, and we found inside a small footless grub having a soft white body.

The growth of these galls and their mode of origin is an unsolved mystery, but we know something of the manner of their development. The mother gall-fly, a small winged insect belonging to the Hymenoptera or wasp family, lays an egg on the growing leaf or twig. This egg hatches in due time and the grub which comes from it secretes a substance which causes an abnormal growth in that particular portion of the tree which harbors it. This growth is definite and regular, resulting in the formation of a gall which envelopes the stem and slowly elongates and completely encloses it as the growth advances.

The galls formed by this order of insects are always completely closed, leaving only small openings of getting rid of their waste products of life. For this reason nutrition is carried on through the skin by absorption and the waste is probably disposed of in the same manner. The digestive organs have become, through disuse, of small size and many of them are completely closed at the posterior end.

After a time, which varies with the species, the little grub passes into a diapause or corresponding to the exogen stage of moths, and after hibernating in an adult gall-fly like its parent, emerges its way out into the light and air.

There are many species of gall-flies, and each species with a few exceptions, produces a definite kind of gall on a definite part of a particular plant, be it on leaf, stem or root. Many of these flies may be reared with a small amount of care if the grub is removed or destroyed when full-grown and before the insect emerges. The galls require only to be kept free of the closoth laid through the month.

The Book Store.

The College cooperative book buying association has been formed for the purpose of procuring books at a cheaper price than those used by the students. A statement of what books have sold for during the past year, which shows that some statement of what has done well is important interest our readers, and which was said during the establishment of this association about what "books should sell for" under the new scheme in comparison with what they had sold for. We give below the facts of such a comparison. The price is given of what books under the old scheme sold for during the past year, and then the prices at which the association, after paying all expenses of buying the books, were able to furnish the same books to the students of the college:

<table>
<thead>
<tr>
<th>Book Title</th>
<th>Old Price</th>
<th>New Price</th>
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</thead>
<tbody>
<tr>
<td>An Introduction to Physics</td>
<td>4.00</td>
<td>3.73</td>
</tr>
<tr>
<td>Algebra</td>
<td>1.30</td>
<td>1.13</td>
</tr>
<tr>
<td>Descriptive Geometry</td>
<td>2.75</td>
<td>2.22</td>
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<tr>
<td>Calculus</td>
<td>3.50</td>
<td>2.96</td>
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<tr>
<td>Mechanics of Engineering</td>
<td>5.50</td>
<td>5.31</td>
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<tr>
<td>Logic</td>
<td>60</td>
<td>50</td>
</tr>
<tr>
<td>Physics</td>
<td>4.25</td>
<td>4.17</td>
</tr>
<tr>
<td>Physical Geography</td>
<td>3.25</td>
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<td>Descriptive Geometry</td>
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This comparison shows that the percentages remain the same as the growth advances.

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to marry? Of course the rich man will not be influenced one way or the other by a trifling tax. But the poor man, it is argued, will marry to avoid the tax. Now the wealthy man's taxes are not heavy burdensome will the bachelor make his tax burdensome? As we are considering, it may be that American society is so constituted by money considerations, but we do not put marriage on a money basis.

At the College.

Students, Mrs. Mandolfs and son, Cleveland, received a short visit from his brother-in-law, F. F. Wetmore of Pentwater.

About Hall has undergone a revolution of late. Mrs. Miss Mc-Dernott has received her wheel from the East.

The King's Daughters will meet at Mrs. Cushing's on Thursday morning, leader, Mrs. C. L. Well. Text, "Fear Not."

The Hon. H. T. True returned Saturday from Madison, Wisconsin, where he has spent a month studying cheese making methods.

Mrs. N. C. Bird and Hon. T. F. Marston spent several days at M. A. C. last week familiarizing themselves with the work of the College.

The Thursday evening Y. M. C. A. prayer meeting will be led by Rev. Mrs. M. A. M. Smith. The topic will be "Bible directions for practical life."

Sunday evening the union services held in the Y. M. C. A. room will be led by Mr. Catlin. The topic for discussion will be "Christian Self-reliance."

The bors say it is quite an inspiration to have a crowd of enthusiastic college students there to encourage the players. This happened last Saturday for the first time in the history of M. A. C.

In the Balmy South.

Students who were here in 1898-91 will be glad to hear from their warm friend, Mrs. Jane Shingler-Deal, who was born in Chicago and grew up in that part of the world. She has written to me in the interest of comparative psychology, etc. It is highly desirable that all experience and can make use of it. He will have to give up the till next summer. He has it set in the rent in the basin for this reason. It is extremely important to have an entirely new set of experiences.

Prof. Edgerton is always ready to hear what angles and naturalists may have to say on the subject, and requests all who have anything to say about it to communicate with him at 29 Gurner-

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News from Graduates and Students.

John D. Nies, ’86, writes that he will attend the triennial reunion.

Albion, Michigan, has made arrangements to attend the alumni reunion.

E. B. Canzon, ’88, has been appointed chief clerk of the school of agriculture at Cornell University.

Alfred R. Locks, ’31, attorney at law, Belding, Mich., says “I hope to be in attendance too at the alumni reunion.”

G. A. Goodenough, ’31, will sever his connection with the Illinois State University at the end of the year, and accept his new position at St. Louis, Pa., at a largely increased salary.


“I find in its columns much of interest to me in matters pertaining to the College, its graduates and students, and in its special articles upon matters pertaining to the farm.”

“Misty” Rhodes, with five, was among our Albion visitors Saturday. He plays “wha” on their ball team. When “Disty’s” father heard that his son was playing on Albion’s nine he said: “They must be hard up for baseball players.”


“Tho’ often too busy to give it (The Record) the careful perusal I would make, it’s hard work, and I will do my best to keep in touch with M. A. C. affairs to the present at least, there is no danger of my alma mater being turned into a penal settlement.”

From Henry G. Reynolds, ’70: “It is with much pleasure that I report to you the news that Mrs. Solide talks so much. ‘Gwen, my pet, you shouldn’t—’ You York Tribune.

Principal through the introduction of improved American machinery the annual output of kerosene from Japan increased from 1,372,785 gallons in 1884 to 5,654,689 gallons in 1894. The olive crop in Andalusia, Spain, amounted to 160,060 bushels in 1885.

ATHLETICS

Albion baseball player to Wells— "You are a pretty boy."

Wells— "I wish I could say as much for you."

Robert Gayle, the baseball coach, left for Detroit Sunday night. He has been a great help to our nine, and nothing but praiseworthy remarks are heard about him.

The practice game last Tuesday, between the Lansing State league and M. A. C. was won by Lansing. Score, 17 to 9.

Baseball at Olivet, May 13: Olivet, 16; Ypsilanti, 12.

Olivet won from Kalamazoo Saturday afternoon. Score, 25 to 16.

Albion was defeated in a game of baseball at Kalamazoo Friday by a score of 10 to 3.

We are in receipt of the first number of The College Athlete, which is published monthly in Boston, and is devoted to college and high school athletics. It includes many authorities in college athletics among its contributors and has correspondents in nearly every college in the country. Frank Warren is the M. A. C. correspondent.

M. A. C. Reduces Herself.

In spite of a heavy shower in the morning and another after three innings had been played, we saw a pretty game here Saturday afternoon. A wet ball in the third gave Albion her only score, accomplished for by three men on bases and a wild throw. The same cause contributed to Albion’s defeat in the fourth, when five hits, three bases on balls, and a few errors piled up six runs for M. A. C. Howe finished the game in the box and allowed but three hits and one run. Warren did remarkably well in the box, hurling Albion down to two hits; and he was well supported in the field. In the second McLoath made a sensational catch of a foul behind third base. Owen is making an enviable record, both in the box and at the bat.

The Albion boys played a very gentlemanly game but were weak at bat and reckless base runners. Howe seems to be the life of the team. A. A. Owen, of Lansing, umpired and gave excellent satisfaction. The score:

M. A. C.     6  3  1  0  2  1
Albion      0  1  0  0  0  0

Totals 38 7 9 27 12 5

Albion's high singles: By Roberts 2, warren 1; of Albion 1.

Base hits—Of Warren 2, off Beal 6, off Howe 2, and Krentel 1.

Two-base hits—Clark, 2. Base hits—Coppens, 4; Oliva, 3; Williams, 3; Beall, 2; Rariney, 2; and Olds, 1.

Hit by pitcher—A. C. Krentel, Howe, Cogshall.

Wild pitch—Warren.

First base on balls—By Warren 4, by Beal 3, by Howe 1. Hit by sacrifice—Krentel. At bat—Krentel, 5; Olds, 0; Beal, 3; and Albion, 1.

Albion at bat:

Beall, 3; Cogshall, 2; Krentel, 5; Olds, 0; and Williams, 3.

Scores—Hillsdale 0 0 0; Albion 0 1 1; Olivet 1 2 2; Ypsilanti 0 3 0.

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