# The M. A. C. RECORD.

MICHIGAN STATE AGRICULTURAL COLLEGE.

Vol. 10.

LANSING, MICHIGAN, TUESDAY, APRIL 4, 1905.

No. 28

# ATHLETICS.

Quite a change has come about on the athletic field during vacation in the way of permanent improvements. The first thing accomplished was the making of a permanent plat of the whole field so that in the future all work may be done intelligently, The track was straightened up in order to get the proper straight-a-way on either side and then regraded, new cinders added and fixed up generally. After the track had been permanently fixed, a curb was placed on the inside, one-half being of cinders, the curve on the south end of cement and the straight-a-way of sandstone. Along the straight-a-way has been built a permanent wire fence which will prevent teams from crowding on to the track. A low fence will be built along the the lower curve to mark inside of same and stakes will be set at all starts and finishes. These will also be permanent im-

There has also been put in a cement and cinder pole vaulting and jumping place which will be much appreciated by the contestants. The diamond has been shifted so as to avoid crossing the straight a-way and will now run parallel to it. The swampy place in left field has been filled in and graded in good shape. The spots which were covered with muck have been sodded and the sandy portions filed with clay and loam. M. A. C. has, without doubt, the finest athletic field in the west and

it keeps getting better.

On next Saturday will occur the circus which has been announced. It will be given in the armory and the management will endeavor to secure a tent to be set up at the west end of same for the "side shows "as the armory will hardly be large enough for all attractions. The performance will be given afternoon and evening and will contain many interesting and entertaintng features. Each society will have charge of a certain department of the circus and a great deal of work has been done to make it a success. The young ladies will have the refreshment privileges. A nominal fee of ten or fifteen cents will be charged for admission. If you enjoy a good hearty laugh go to the circus.

The first regular base ball game will be played April 15, at which time Flint comes to M. A. C.

# A GOOD ROAD.

The prospects for the new macadamized road to the College are very bright and if those interested will-come down with the cash that is what will assure it. The Good Roads Division of the Department of Agriculture will furnish all equipment and superintendents to engineer the work. The citizens interested are to furnish all material and labor. The prospective road would extend from the north entrance to the College grounds to the city limits. It is to be macadamized, 30 feet wide, and would certainly be

quite an improvement over the present road. In case it is possible to secure such a road the city of Lansing is to pave the streets from the P. M. & M. C. tracks to the city limits, thus making a first class road from the College to the capitol.

### BIRD ARRIVALS.

During January and February large flocks of cedar waxwings visited the campus almost daily, and twice they were accompanied by two or three purple finches. Neither of these can be considered a spring bird, although both species migrate northward in considerable numbers during the spring. The first true arrival from the south was the crow which appeared March 2 in some numbers. The other arrivals are as follows: March 6, robins; March 10, bronzed grackles; March 16, killdeer; March 17, bluebird and meadowlark; March 18, mourning dove, rusty grackle, red-wing blackbird and song sparrow, with a marked increase in numbers of cedar waxwings and meadowlarks. Tree sparrows and juncos also were abundant, but a few of these have been here all winter. March 26, phoebe and kingfisher; March 28, flicker or golden-winged woodpecker and an increase in the number of golden crown kinglets, a few of which remained on the campus through the winter. A robin was seen collecting nesting material for the first time on March 30.

WALTER B. BARROWS.

# Y. M. C. A.

The newly elected officers of the Y. M. C. A. begin their duties this week.

The last of the series of services conducted by the Rev. J. B. Silcox, will be held in the Armory Sunday afternoon at 2:30. Mr. Silcox will leave Lansing this month and this will probably be his last appearance at M. A. C. There will be music by the College choir.

Messrs. Bell, Bates, A. A. Fisk, and Wilkinson spent half of the vacation assisting state secretary Carl Smith and county secretary C. L. Rowe in some special meetings at Morenci.

Burt Wermuth, last year's general secretary, and Brown '03, a former president of the Y. M.C. A. are found rooming together at 232 24th street, Detroit. Mr. Wermuth has promised to lead one of the Sunday evening meetings the coming term.

# SCHOOLMASTER'S CLUB.

The Michigan Schoolmaster's Club held a very successful meeting in Ann Arbor last week. This organization has become a very important factor in the educational interests of the state. Nearly all the leading college men, progressive superintendents and high school men belong to this organization. The prominent speakers at the general sessions this year were President Woodrow Wilson of Princeton, Dean L. H. Bailey of Cornell,

Prof. R. M. Wenley of the University of Michigan, Prof. James R. Angell of Chicago University, and Dean Brett of the Library School Western Reserve University. The addresses were of an exceptionally high order. They will be printed in the annual report of the organization.

The conferences, or section meetins, were held in the afternoon of each day. A number of prominent speakers from the various univers-

ities were present.

The program of the Classical Conferences was especially noteworthy. Among the prominent speakers were Prof. Andrew F. West, Princeton University; Profs. Charles Knapp and James C. Egbert, Columbia University; Prof. John M. Burnham, Cincinnati University; Prof. Arthur Fairbanks, of the University of Iowa, and Prof. William Gardner Hale, of the Chicago University.

Very interesting meetings were held by the departments of chemistry, physics, mathematics, history, English and modern languages. The meeting which called forth the largest attendance, was the lecture by President Woodrow Wilson on Friday evening, when 2500 people assembled in the large auditorium to hear his address on "The University and the Nation." President Wilson was at his best and held the audience spell bound for more than an hour. It was such a subject as only a great man interested in a great theme, with a large sympathetic audience, can give.

The entire meeting was regarded as a great success and President Snyder received many compliments on the arrangement and carrying out of such an excellent program.

# AGR'L COLLEGE P. O.

It will, we believe, be of interest to our readers to know something of the amount of business done at the Agricultural College postoffice, and how this business has increased. It is not an unusual thing for the office to handle 1,000 letters in a single morning mail. On Monday mornings this number is of course increased greatly, often running up to 3,000 and over. The paper mail is very heavy also, a great number of students being subscribers for magazines and other periodicals to say nothing of those that go to the faculty members, the library, and those outside not connected with the college in any way.

The money order business has also grown very rapidly. In 1904 there were 2,000 orders issued and a great many more than this number taken up. It is not so very unusual for the office to pay out as high as four or five hundred dollars in a single day. The money order business has just about doubled since the office was moved to its present quarters. This increase is due in part to the desirable location, but more, of course, on account of the large increase in the number of students.

Since the removal from the Hort (Continued on page 3.)

# ALUMNI.

With '02.

T. L. Miller, formerly of Detroit, has accepted a position with the Ingersol Sergeant Drill Company, of Easton, Pa. His private address is 1406 Washington St.

### With 'oz.

We mentioned last week the change Mr. Reynolds had made and the following taken from the Drovers' Fournal is self-explan-

"In taking leave of Chauncey P. Reynolds, who for nearly four years has performed most satisfactory work as agricultural editor of the Drovers' Fournal, the proprietor and all members of the staff feel profound regret in parting from a cheerful companion and most conscientious worker.

Mr. Reynolds began his journalistic career with the *Drovers' Fournal*, coming to it as a well-equipped man from the Michigan Agricultural college.

In resigning his position to take full charge of the editorial department of the *Prairie Farmer*, Mr. Reynolds has done so believing it a progressive step in the field that he has chosen for his life work. He has the best wishes of his close associates and many friends won in

his four years' work at the Yards.

The Drovers' Fournal bespeaks for him that full measure of success his earnest work will merit."

'03.

J. Lane Thorne is with the Prudential Insurance Co. at Detroit and is reported as doing finely.

G. Howard Phelps, with the class of '03, is with the Central Drug Co., Detroit, and writes that he sees many of the M. A. C. boys in Detroit often. He mentions the burning of Wells Hall and expresses sympathy for those who were unfortunate. His private address is 1485 16th street.

04.

H.N. Hornbeck writes that he has had a very successful year's work as teacher of science in the Traverse City high school. He expects to make college friends a visit this summer.

°04.

Cards are out announcing the marriage of Miss Mary E. Hewett to Sidney E. Johnson, '04, at the home of the bride's parents, Plainwell, Mich., Friday evening, March 31st. Mr. and Mrs. Johnson will be at home after May 1st at 205 Lahoma street, Lansing, Mich.

# A CHORUS REHEARSAL

Is to be held Wednesday evening of this week. Every one who is to take part in the concert May 5, which is so near at hand, should be present at this rehearsal.

# THE M. A. C. RECORD. PUBLISHED EVERY TUESDAY DURING THE COLLEGE YEAR BY THE MICHIGAN STATE AGRICULTURAL COLLEGE

B. A. FAUNCE, MANAGING EDITOR. A. FAUNCE, MANAGING EDER
ASSOCIATE EDITORS,
PAULINA RAVEN, '05.
EDITH HUTCHINS, '06.
CALLA KRENTEL, '07.
H. I. GLAZIER, '07.
G. C. DUDLEY, '07.
T. H. MCHATTON, '07.
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B. B. CLISE, '07.
O. I. GREGG, '07
BERENICE MAYNARD, Sp.

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# TUESDAY, APRIL 4, 1905.

# ACADEMY OF SCIENCE.

AGRICULTURAL SECTION.

For a few years past the academy has maintained a section of agriculture, the only one of its kind in this country so far as we know. This year the subjects for papers all fell under the general heading, Agricultural Education, ranging from low grades to college. The attempt was made to make the sessions intensely practical, that teachers and others present might pick up some valuable points which they could make use of.

President K. L. Butterfield of R. I. sent us a syllabus for a course in rural sociology, one in farm economics and one in farm economy. They were much appreciated.

Prof. R. S. Shaw exhibited four large cards containing a syllabus for a four-year course in live stock husbandry, beginning with the high school graduate. The plan was ex-cellent and showed much thought. The course included other topics than the study of live stock. In the training of students he spoke of the importance of their feeding the animals and taking part in the examination of the meat as it was cut up. He called attention to the fact that many times the best judges of an animal before the killing were unable to select the best steer or sheep for the block.

Dr. Beal made some comments on a two-year course in agriculture, a syllabus of which hung on the wall. The chart was a copy of the course for boys as adopted in the county agricultural schools in Wisconsin, now well maintained and popular.

Prof. Jeffery enumerated and explained a number of lessons that can be introduced with profit in country schools; these are pertaining to the study of soils. Such hints and illustrations were very instructive to any who are interested in such work.

Hon. C. W. Garfield's paper teemed with happy remarks concerning certain young men who taught a country school and with his efforts a museum was collected, classified and installed in the school house, much to the gratification and instruction of the pupils. The collection was a fine investment even for a single term, although it was expected that many of the specimens would soon be destroyed.

Prof. Dandeno graphically related his experiences in the management of a school garden in a country school in Canada. The difficulties were too numerous to be surmounted by any excepting well trained teachers fitted for the work, and then great tact and perseverance were

required.

For a full hour Prof. L. H. Bailey of Cornell instructed and entertained those present in his admirable account of his recent efforts in planning courses of study for the lower grades of schools in New York state, the courses pertaining to agriculture and nature study.

BOTANICAL SECTION.

The Botany section of the Academy of Science met in two sessions. On Friday it met in j int session with the Biological Conference of the Michigan School-master's Club.

1. Geotropic Response of Stems and Roots at Various Angles of Inclination, was discussed by F. C. Newcome, Ann Arbor. He found that the greatest stimulus which the root and stem of a seedling receives is when it has a horizontal position, and also that positions above and below the horizontal have equal stimuli.

2. Color Stimuli and Plant Functions by J. B. Dandeno, Agricultural College, Mich. Prof. Dandeno found that a given color does not produce the same effect upon all the plant functions.

3. A Canker of the Yellow Birch Accompanied by a Nectria, by J. B. Pollock, Ann Arbor. He found a species of nectria growing in old wounds of the birch. Probably the fungus gains entrance through in-

4. A Study of the Effects of Dilute Solutions of Hydrochloric Acid upon the Radicles of Corn Seedlings by F. A. Loew, Agricultural College, Mich. It was shown that the mineral content of seedlings killed in hydrochloric solution at a dilution of 1-256 normal was nearly one-half that of normal seedlings, also that seedlings secrete mineral matter when placed in distilled

5. The Toxic Action of Copper Sulphate upon Certuin Algae, in the Presence of Foreign Substances, by Ellen E. Bach, Agricultural Coliege, Mich. She found that the effect of Cu So4 depends upon strength of the solution, amount of Algae, and condition of water.

6. Relation of Bacteria to Plant Food, by Walter G. Sackett. He stated that the natural supply of nitrogen for fertilizers was rapidly becoming exhausted, also of the need to utilize the waste of nitrogen by sewage, denitrifying bacteria and decomposition in general, and that the future nitrogen product depends upon the nitrogen fixing bac-

7. Sexual Reproduction in a Red Alga, by R. P. Hibbard, Ann Arbor. He showed that in the reproduction of this alga there is plainly shown the alternation of generation.

8. Vitality of Seed after Twenty-Five Years, by Dr. W. J. Beal, Agricultural College, Mich. It was found that out of the twenty-two species many of the species were found to germinate.

9. Polystictus Hirsutus as a Parasite on Mountain Ash, Maple, and Carpinus, by J. B. Pollock, Ann Arbor. This fungus is probably a parasite gaining entrance through injured parts.

10. Notes on Ganrdermo Sessile Murrill, Its Variations from the original Description and Possible Parasitism, J. B. Pollock, Ann Arbor, Mich. He found this species to be a probable parasite and that it had greatly varied from the description of the species.

11. Apparatus for Aerating Water, by S. O. Most, Holland, Mich. He prepared a piece of apparatus which keeps a constant stream of air bubbling through a jar of water and with a capacity of running for three days.

12. A Study of Plants in Ravines near Adrian, by Frances Stearns, Adrian, Mich. She had made a careful study of the vegetation of several ravines along the Raisin river. She showed what can be done in ecological field work by high school teachers.

13. Plant Distribution in a Small Bog, by Edith Pettee, Detroit, Mich. She found the plants were in more or less distinct belts and that the center had no plant common to

those of the outside.

14. Ravines in the Vicinity of Ann Arbor, by Alfred Dachnowski, Ann Arbor. He made a study of the ecology of these ravines from a physiological standpoint, and found that the vegetation in different ravines was not the same.

15. A paper on the History of Ecological Work was sent by H.S. Reed, University of Missouri.

16. A talk on bud grafting and the mention of a new species to Michigan was given by S. Alexander, Ann Arbor. The new plant was chelone obliqua. It was found on an island in the Huron River near Ann Arbor,

17. A Species of Hormondendrum Parasitic on Araucaria, by J. B. Pollock, Ann Arbor. He found this fungus growing upon the leaves of the Araucarian Pine in a dwelling house. It might be parasitic yet not very injurious. It was found on dead leaves of violets in a green house as a saprophyte.

The sessions were very interesting. Many interesting points were brought out during the reading of these papers and the discussions following. Much interest was shown in the ecological phase of the pro-

SANITARY SCIENCE.

On Friday morning the meeting of the Sanitary Science section was opened with a paper by Mr. Sackett, M. A. C., on the relation of Bacteria to plant food. Mr. S. F. Edwards, formerly of the Agricultural College, fo'lowed with a discussion of tryptophan media employed in testing for the production indol. The methods of growing pure cultures for the inoculation of leguminous plants was next taken up by Mr. L. T. Clark of M. A. C. Specimen tubes and plates of pure cultures were exhibited.

Mr. H. N. Torrey, of Ann Arbor, came next with an interesting article on the Romanowsky method of staining. Trypanasomes-stained preparations were submitted. The Relation of Bacteria to the Making and Ripening of Michigan Cheese was presented by Mr. W. R. Wright, M. A. C. Mr. Wright pointed out the essential differences between the true Michigan cheese and the so-called hybrid cheese. Diagrams were used to illustrate the bacterial relations at different periods of making and curing. Dr. Wetmore, M. A. C., read a very interesting paper on the Germicidal Action of Fruit Juice on Certain Pathogenic and Non-Pathogenic Bacteria. A number of purely technical papers were also given among which was one by Dr. C. E. Marshall on Bacterial Products in Milk and Their Relation to Germ Growth.

In order to arouse an interest in the study of topics relating to commerce and industry, and to stimulate an examination of the value of college training for business men, a committee composed of

Professor J. Lawrence Laughlin, University of Chicago, Chairman; Professor J. B. Clark, Columbia University; Professor Henry C. Adams, University of Michigan; Horace White, Esq., New York City, and Hon. Carroll D. Wright, Clark College, have been enabled, through the generosity of Messrs. Hart, Schaffner and Marx, of Chicago, to offer again in 1906 four prizes for the best studies on any one of the following subjects:

1. To what extent, and by what administrative body, should the public attempt to control railway rates in interstate commerce?

2. A just and practical method of

taxing railway property.
3. Will the present policy of the labor unions in dealing with nonunion men, and the "closed shop," further the interests of the working-

4. Should ship subsidies be offered by the government of he United States?

5. An examination into the economic causes of large fortunes in this country.

6. The influence of credit on the level of prices.

7. The cattle industry in its relation to the ranchman, feeder,

packer, railway, and consumer. 8. Should the government seek to control or regulate, the use of mines of coal, iron, or other raw materials, whose supply may become the subject of monopoly?

9. What provision can be made for workingmen to avoid the economic insecurity said to accompany the modern wage-system?

A first prize of one thousand dollars, and a second prize of five hundred dollars, in cash, are offered for the best studies presented by Class A, composed exclusively of all persons who have received the bache lor's degree from an American col lege in 1894, or thereafter; and a first prize of three hundred dollars, and a second prize of one hundred and fifty dollars, in cash are offered for the best studies presented by Class B, composed of persons who, at the time the papers are sent in, are undergraduates of any American college. No one in Class A may compete in Class B; but any one in Class B may compete in Class A. The committee reserves to itself the right to award the two prizes of \$1,000 and \$500 to undergraduates, if the merits of the paper demand it.

The ownership of the copyright of successful studies will vest in the donors, and it is expected that, without precluding the use of these papers as theses for higher degrees, they will cause them to be issued in some permanent form.

Competitors are advised that the studies should be thorough, expressed in good English, and not needlessly expanded. They should be inscribed with an assumed name, the year when the bachelor's degree was reeceived, and the institution which conferred the degree, or in which he is studying, and accompanied by a sealed envelope giving the real name and address of the competitor. The papers should be sent on or before June 1, 1906, to J. Laurence Laughlin, Esq., University of Chicago, Box 145, Faculty Exchange, Chicago, Illinois.

# We would like to show our RAZORS

to you.

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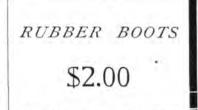
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# ABOUT THE CAMPUS.

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Miss Earle is again at her post in the secretary's office.

Don't forget to make catalog corrections in plenty of time.

Asst. Postmaster Goss spent Sunday with Grand Rapids friends.

Miss Avery is entertaining her sister from Ohio for a few days.

Mr. McGugan was on the sick list for a day or two the past week.

The grading for the Pine Lake road has been begun at the College end of the line.

Nearly all students are anxious to get their campustry in the afternoon during the spring term.

Mr. and Mrs. F. Milner, of Fremont, Mich., were the guests of Mr. and Mrs. B. A. Faunce over Sunday.

Miss Amy Lane, teacher of Latin in the Saginaw schools, was the guest of Miss Gilchrist one day the past week.

Start in right by witnessing the first baseball game of the season. We shall endeavor to give a full report of each game.

The horticultural department has been doing considerable work in the line of pruning and spraying of orchards the past week.

The news supply is rather short this week. Everything about the old campus is very quiet. We hope to do better next week.

Ground has been broken for Mr. Kendall's new house east of the College. Mr. Dungey will do the carpentering and finishing.

Not a very bright day for the opening of school yesterday.

Miss Gilchrist spent a few days with her friend, Mrs. M. W. Gatch, in Jackson the past week.

Students were lined up all day waiting their turn to be classified. Classes started off this morning.

Any change of RECORD editors will please be reported before next week that we may have the list correct in the next RECORD.

Do not forget that the boxes marked *Record* are for news and that we are always glad to receive news through said medium.

Mr. Blair has been laying larger drainage tile across the front of his lots, in Collegeville, which will carry off any ordinary amount of surplus water.

Mr. P. H. Wessels has completed his college work and leaves soon for Kingston, R. I., where he has accepted a position as assistant chemist in the R. I. Experiment Station.

Several of the College people, who attended the Schoolmasters' Club and Academy of Science at Ann Arbor the past week, very kindly reported sessions for the RECORD.

And now for eleven weeks of good hard study. The time will soon slip away and the first thing we know we are through with college life, when we've just learned to enjoy it.

Notice—The Prohibition Club will meet next Sunday, April 9, in Room 6, College Hall. All members are urged to be present as election of officers will take place, and plans for the work of the term will be discussed

We trust that those having changes to make in the outline of "Courses of Instruction" in the new catalog will make it known soon, as it is desired to send 75 pages of the catalog to press as soon as possible. Please correct catalog and return.

The Dunbar Male Quartette and Bell Ringers are due at M. A. C. on next Monday evening. This will be a rare treat for the lovers of music. Those who have heard them are anxious to hear them again and this in itself is one of the best of recommendations.

The subscriptions continue to come in, which fact is duly appreciated. We believe many more, however, of M. A. C. graduates should take the College paper. If it suits you tell your College neighbor about it and send us his name. We will do what we can to induce him to become a regular subscriber.

Mrs. W. O. Thompson (Etta King sp. '03-'04) died at the home of her mother in Lansing, Thursday morning of last week. Mr. and Mrs. Thompson have been living with the latter's parents during the winter, and Mr. Thompson has been employed by the Olds Mfg. Co. The Record extends to Mr. Thompson '04, in this his time of sorrow, deepest sympathy.

The U. of M. sent their debating team to Madison, Wis., Friday evening, where the question of the primary election system was discussed. Wisconsin argued that the caucus and convention system should be abolished and direct nominations be substituted. Michigan endeavored

to prove that this system had not materially improved conditions where it had been tried and advocated that the system be reformed rather than abolished. Michigan was given the decision two to one.

# AGR'L COLLEGE P. O.

(Continued from page one)

Building 128 boxes have been added making in all at present 235. Many of the same boxes are used now which were used long ago and there are 48 modern combination boxes. In the amount of mail handled we have said nothing about the quar terly publications, five or six thousand each, the catalog, three or four thousand, the calendar, five thousand and numerous other advertising matter. The experiment station bulletins also find their way to the office. These are issued monthly and are sent to 37,000 addresses, the approximate weight of each issue being 3 4-5 tons.

Last, but not least, is the report of the State Board, of which about 6,000 copies are sent through the mails each year. The approximate weight per copy is 24 ounces.

As the heading would indicate the postoffice is entirely separate from the Lansing office, although it is hard to make many of our friends realize this fact, many of the letters received bearing both Lansing, and Agricultural College. This, in many cases, causes delay in receipt of letters, and mail intended for the College should bear only the address of Agricultural College, Mich.

# SOCIETY OFFICERS.

Although the greater number, if not all, of the society officers for the spring term have been given notice, it is very desirable to have these in one issue of the RECORD so that they may be turned to readily. For this reason we have taken the liberty to publish the list in this, the first issue of the spring term. They are given in alphabetical order:

#### COLUMBIAN.

Pres	ident C. I. Auten
Vice	President F. Liverance
Secr	etary T. F. McNally
	surer O I. Gregg
Mars	shal A. J. Hutchins

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Secretary.		ļ,	÷	0			4		Edith Roby
Treasurer.		×	9			ġ.			. Mary Bray
Marshal				j.			~	4	Lelah Burkhart

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Vice President . , Bon Bennett
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Warden I. D. Angell
Secretary F. E. N. Thatcher
Treasurer B. B. Lumbard
Marshal L. O. Gordon
Committee of the Commit

# SIGMA MU BETA,

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Vice-presi	ď	en	t.						,	. E. H. Adams
Secretary				è	÷		ď	Ç.		. Chas. Slighly
Treasurer								À		. E. H. Towne
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President										
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# TAU BETA PI.

President	H. S. Hunt
Vice-president	W. P. Robinson
Corresponding Sec	Bruce McAlpine
Record. Sec. and Treas	George Nichols

# THEMIAN.

President	. Katherine McNaughton
Vice-president -	Paulina Raven
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227 2277	
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Following is a report taken from the observer's meteorological record showing the weather conditions for the month of March:

Date	Tem	per- ire	unt ill or	evailing Wind.	cter ay.
	maxi- mum	mini-	Amount Rainfall or Snow	Prevailing Wind Direction.	Character of Day,
$\begin{smallmatrix} 1 & 2 & 3 & 4 & 4 & 5 & 6 & 6 & 7 & 8 & 9 & 10 & 11 & 12 & 12 & 12 & 12 & 12 & 12$	32 36 33 35 35 37 43 29 28 30 25 36 36 36 37 43 43 48 48 48 48 48 48 48 48 48 48 48 48 48	21 11 28 21 17 13 22 25 24 9 8 11 11 11 29 30 35 22 22 26 34 40 35 34 34 34 34 34 34 34 34 34 34 34 34 34	.34	N. E. S. W. N. E. E. S. W. W. W. S.	Fair Cloudy Glear Cloudy Fair Clear Fair Cloudy Fair Cloudy Clear Fair Cloudy Fair Cloudy Fair Cloudy Fair Cloudy
29 30 31	78 60 56	58 40 41		S. W. S. W.	11

Sleighing ended March 1st. First thunder-storm March 17.



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E. STOFFER, D. D. S. Office 105 Washington Ave. S. Citizens' Phone 1049. Former M, A, C, student.

H. MOORE, D. D. S. Office 411-13 Hollister Building, Lansing, Mich, Citizens phone 475. R W. MORSE, D. D. S. Hollister Block, Room 517. Citizens Phone 52, Bell Phone 396.

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15

equipment.

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Prof. Taft was at Battle Creek and Kalamazoo the past week where he inspected nurseries and orchards. At Battle Creek he was assisted by Jas. Moore, '03.