

The M. A. C. RECORD.

MICHIGAN STATE AGRICULTURAL COLLEGE.

VOL. 11.

LANSING, MICHIGAN, TUESDAY, JAN. 9, 1906.

No. 16

SPECIAL COURSES.

The one hundred fifty-eight students entering for the special winter classes are divided as follows: Creamery management, 54; general agriculture, (first year) 69; general agriculture, (second year) 22; fruit course, 13.

The new features in general agriculture are quite remarkable. The first is the work in the carpenter and blacksmith shops and every student is anxious for this work. The second is the gymnasium work, three hours a week under Director Brewer. This drill comes at two o'clock and though it is an entirely new departure and not much can be said as yet concerning it, many of the boys are anxious to take the work.

Twenty men are just about equally divided between farm crops at eight o'clock, and the dairy.

This week these men will have blacksmith and carpenter work from 10-12, advanced stock judging from 1-3, and veterinary at 3. Out of a total of eighty men in the same course last year, twenty-two have returned for the advanced work.

In the creamery course it has been arranged to give each one instruction during two days in the week on gathered cream. Four of last year's class are back again for the work this winter.

The fruit course numbers thirteen which is larger than for several years and the class has started off very nicely.

THE BOHUMIR KRYL CO.

If you wish to spend an enjoyable evening you should hear the Bohumir Kryl Co. on Friday evening, Jan. 12th, in the college armory. The cornetist, Bohumir Kryl, is the sensation of two continents. He is an artist of exceptional ability, plays with ease and grace, and possesses the rare ability to produce notes from a cornet as soft and sweet as those from a violin.

The entertainment will consist of instrumental music, singing and impersonation and promises to be one of the best of the season.

Single admission will be 35 cents. Sufficient seating room will be provided for all.

'89.

Howard Evarts Weed, of the above class, was married on Tuesday, December 26, to Miss Margaret Lyle Simpson, of New Orleans, at the home of the bride's sister, Mrs. Robert J. R. Osborne. Mr. and Mrs. Weed will be at home after June 1, 1906, Rogers Park, Chicago.

'02.

Mr. and Mrs. Chas. W. Garfield announce the marriage of their daughter, Deborah, to Mr. Arthur J. Decker, on Wednesday, Dec. 27, at Grand Rapids. Both the contracting parties were with the above class, leaving college in their junior year. The young people will be at home after Jan. 15 at Columbus, O.



KENYON L. BUTTERFIELD

MARKED SUCCESS OF AN
M. A. C. MAN.

Three years ago, Kenyon L. Butterfield ('91) was elected president of the Rhode Island Agricultural college. On Tuesday last, so marked has been his success in Rhode Island, he was unanimously chosen to the presidency of the Massachusetts Agricultural college. To Mr. Butterfield's many friends at M. A. C. this advancement will come as no surprise, for they have confidently awaited and expected the recognition which they knew must come and which will come in increasing measure as the years pass. But it is nevertheless a source of peculiar pleasure to them that it has come so promptly and in such generous form.

It is always a matter for which good and patriotic men felicitate themselves and the body politic to which they belong when the man and the work for which he is especially fitted are brought together. This is what has occurred in the present instance and it is therefore with no mere local pride that we sincerely and heartily congratulate not only the Massachusetts school and Mr. Butterfield, but also ourselves and the country in general. There will be good work done at the Massachusetts Agricultural College under Mr. Butterfield. Not only will it maintain the honorable traditions of its past history, but it will reach outward and forward, keeping step with the vanguard of progress and development in agricultural education.

Mr. Butterfield's career should be a guide and an incentive to all our students. It is a record of steady, methodical, persistent work, directed toward a definite purpose and guided by a clear head and an honest heart. Since his graduation in 1891, and even before, he has devoted himself and all his energies to a thorough and intimate acquaintance with all the problems of rural life on the social and educational side; and to that end no labor has been too ardu-

ous, no detail too trivial. His opportunities, too, for observation and investigation in this field, have been remarkably favorable.

As editor of the *Grange Visitor*, as field agent of the Michigan Agricultural College, as superintendent of the Farmers' Institutes of Michigan, and as lecturer on Rural Sociology in the University of Michigan, he has come into a thorough knowledge of, and sympathy with, the American farmer, his capabilities and his needs, such as only the smallest number of men in America possess. That he has made the best and wisest use of his opportunities, gathering a full garner of observations and conclusions, is shown by the fact that he was selected by the Hon. Carroll D. Wright to prepare for the department of economics and sociology in the Carnegie Institution at Washington an economic history of agriculture in the United States.

To the earnest and capable workman there is no joy comparable to the joy of a worthy task worthily accomplished. Such joy the old Alma Mater wishes and confidently predicts for this one among the foremost of her sons.

H. E.

AMERICAN FEDERATION OF AGRICULTURAL STUDENTS.

The birth of the American Federation of Agricultural students was nearly simultaneous with that of the International Livestock exposition and like the International it has been growing rapidly each year since.

The purpose of its organization was for the advancement of agricultural interests and good fellowship among the agricultural colleges of the United States and Canada.

Delegates from the colleges met Tuesday, Dec. 19, in the Exchange building at the Stock yards and discussed ways and means for the advancement of the Federation. It was voted that a banquet be held next year and lots were drawn by the remaining six colleges who have not had charge of the management of the Federation to see which one should have the banquet in charge for next year. Nebraska was the fortunate one with Ontario as the reserve college.

After the meeting the delegates adjourned to the dining hall to complete the decorations for the banquet.

About 200 students assembled in the evening at the tastily decorated Exchange building dining hall for the first banquet of the Federation. The hall was decorated with college banners and the way each college supported their flag and colors in yelling was something to gladden the heart of any college man.

M. A. C. was represented on the program by a toast to "The Domestic science Graduate" by C. A. Wilson.

The banquet was declared by all to be a splendid success. Purdue deserves great praise for the success of the meetings this year and we shall look forward with pleasure to next year's banquet.

ALUMNI.

'90.

E. J. Rowley of O'ds, Alberta, Canada, sends in his subscription to the *RECORD*. He states that the Alberta winter so far has been fine and open. Just barely enough snow for sleighing. Hotel doors are open in middle of the day with, of course, a small fire. Building going on in different towns. They have had only one week of storm and very cold weather, and no rain since September. He also states that Alberta has a greatly increased crop of fall wheat and over four million pounds of beet sugar was made in South Alberta during the season.

'99.

The marriage of Miss Tithie L. Bowerman to Charles Fred Edwards, of Guelph, Ont., was solemnized at 8 o'clock Tuesday night at the home of the bride's mother, Mrs. S. M. Bowerman, 306 Capitol ave. n. The wedding was a very quiet home affair, witnessed by the immediate relatives and intimate friends of the bride and groom. Rev. E. M. Lake performed the ceremony. Mr. Edwards graduated with the class of '99, and after spending several years as assistant in Bacteriology at M. A. C. pursued work at the university along his chosen line. The bride was also a student in the College for several terms. Among the out-of-town guests were C. P. Reynolds, (with '02) and wife, (May Ross, with '03), of Chicago. The young people leave soon for their home in Guelph, Ont., where "Jack" has recently accepted the position of Professor of Bacteriology in the Ontario Agricultural College. The young people certainly have the best wishes of their many M. A. C. friends.

'05.

C. A. Stimpson, '05, has accepted a position with the Union Pacific railroad, and began work in the field the day after Christmas. There are ten men in his party, who are charged with retracing an old line preparatory to building a second track from Point of Rocks to Rock Springs, Wyoming. Zero weather is the rule for that country, and the wind blows 365 days in the year. Mr. Stimpson's address is Cheyenne, Wyoming, care Resident Engineer, U. P. Ry.

'05.

Mr. Orange B. Burrell, of South Haven, and Miss Bessie Immel were united in marriage at the home of the bride's parents, West Bend, Wis., New Year's evening. Mr. Burrell who graduated with the above class, was one of our best track and indoor men the past year, having been a member of the 1905 championship relay team. The bride was a special student the past term. Mr. Burrell is with the H. S. White View Co. The *RECORD* extends congratulations.

THE M. A. C. RECORD.

PUBLISHED EVERY TUESDAY DURING THE
COLLEGE YEAR BY THE
MICHIGAN STATE AGRICULTURAL COLLEGE

B. A. FAUNCE, MANAGING EDITOR

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however, to secure the paper regularly is to sub-
scribe.

TUESDAY, JAN. 9, 1906.

AT THE beginning of the win-
ter term we are again ask-
ing of the students and faculty
hearty co-operation in the work of
the RECORD. We believe those
among our students who most enjoy
the college paper are those who oc-
casionally furnish matter for its
pages. Please bear in mind that
items from the students are always
greatly appreciated. It is earnestly
hoped that each society editor will
see to it that reports of all parties
and other society matters of interest
are reported. Suggestions and
kindly criticism are always welcome
as in this way we can best learn
how to make of the RECORD what
it should be.

ATHLETICS.

The following basket ball sched-
ule has been arranged, and will be
submitted to the faculty for consid-
eration at its next meeting:

Jan. 18, Adrian College at M. A.
C.

Jan. 27, Flint School for Deaf at
M. A. C.

Feb. 2, Flint School for Deaf at
Flint.

Feb. 3, Mt. Pleasant Normal at
M. A. C.

Feb. 8, Adrian College at Adrian.

Feb. 9, Ann Arbor, U. of M. Y.
M. C. A. at M. A. C.

Feb. 16, Mt. Pleasant at Mt.
Pleasant.

Feb. 17, Alma College at Alma.

March 2, Alma College at M. A.
C.

March 3, Ann Arbor at Ann Ar-
bor.

Dual meets have been arranged
with Olivet for Feb. 22 and with
Alma for March 2. It is expected
that Olivet will bring a basket ball
team on Feb. 22.

Inter-class games in both basket-
ball and indoor baseball will begin
this week, the plan being to play the
class games on the same date as the
intercollegiate games are played,
thus lengthening the entertainment.
A hand ball tournament is planned
for about the middle of the term.

The new gym. class organized for
the special course students meets
from two to three o'clock on Mon-
day, Wednesday and Fridays. Six-
ty have reported for this drill and
and all seem deeply interested.
These periods will be given up to
general class work and will be made

an hour of recreation rather than
work. The specials have also or-
ganized a basket-ball team and will
play in the interclass schedule.

Y. M. C. A.

The past week has been one of
activity in the Y. M. C. A. The
religious meetings have begun with
an interest that promises well for
the winter term. It is an inspira-
tion to see every chair in the associ-
ation filled and forty men with
"standing room only" in the Thurs-
day evening meeting, and that was
the condition last week. In this
meeting Mr. O. K. White took for
his subject, "The Temptations of
the College Man," and was followed
by Mr. Campbell, R. A. Small, and
B. G. Edgerton. It is gratifying to
note the interest the special students
are taking in the work, over fifty
being present at this meeting.

Sunday afternoon a meeting of
the winter term students was called
in the Y. M. C. A. in which an ad-
dress was given by Dr. Waterman
in the interest of Bible study. Mr.
Fisk gave the men an address of
welcome to the Y. M. C. A. after
which a class was organized in
"The Life of Christ" to be led by
Prof. C. D. Smith. Twenty-seven
men were enrolled and it is hoped
that many more will find time to
take this work. The class will
meet in the Y. M. C. A. room at 2:30
every Sunday during the next six
weeks.

W. L. Rogers of Ann Arbor was
at the college Saturday and Sunday
in the interest of the Student Vol-
unteer Conference to be held in
Nashville Feb. 28-March 4. Sun-
day evening Mrs. Rogers spoke be-
fore a chapel full of people on the
purpose of this convention, explain-
ing what was in store for all who
will be so fortunate as to attend this
gathering of the world's christian
workers. This was one of the best
attended and most interesting of the
union meetings held this school
year. The selection by the male
quartet was appreciated by all.

A choir of young women and men
of the college will conduct the sing-
ing in the Sunday evening meetings
hereafter. This will be a great help
to the services.

Next Sunday evening Mr. Thos.
Gunson will be the speaker in the
Union meeting. Mr. Gunson al-
ways commands the attention of M.
A. C. audiences and will have some-
thing of interest next Sunday.

Rev. C. E. Thomas preached in
chapel Sunday morning, taking as
his subject, the personal work of
Andrew. He compared Andrew to
Peter, the world's little knowledge
of the farmer and the broader
knowledge concerning the latter.
Andrew's work seemed small and
unimportant but it was the sort of
work that has always accomplished
the most good in the world. Mr.
Thomas' sermons are always appre-
ciated at the College.

The first missionary class of the
year was organized Sunday. The
New Era in the Philippines is the
text book of the class and will be
studied for eight weeks. Another
class in "Japan and its Regenera-
tion" will be organized next Sun-
day.

Word comes to us that on New
Year's day a little daughter was
born to Prof. and Mrs. H. P. Baker
of Ames, Iowa. Both Mr. Baker
and wife (Fleta Paddock) gradu-
ated with the class of '01.

THE INTERNATIONAL AS SEEN BY A COLLEGE STUDENT.

The International Livestock Ex-
position presents such object lessons
and illustrations of classroom work
to the agricultural student that he
cannot well afford to miss. There
are to be found such a variety of
breeds of such excellence and quality
as cannot be found at any other
show in the world, except possibly
the Royal Show in England, and yet
do not find the interest that should
be shown by some of our Eastern
colleges.

One of the things that impressed
me most as a college student was
the interest in the International that
was shown by the students of the
Western colleges. They were there
in large numbers and their purpose
was not to "do the city of Chicago"
but to take advantage of the excel-
lent opportunities afforded that
could not possibly be obtained in a
college.

It reminded one of an intercolle-
giate championship football game
when students from the various col-
leges were rooting for the stock
from their respective colleges or
states.

The colleges represented by dele-
gations of students were Colorado,
Iowa, Illinois, Indiana, Kansas,
Michigan, Minnesota, Missouri,
Nebraska, North Dakota, Ohio, On-
tario, Texas, and Wisconsin. The
western colleges were represented
in a similar manner to the livestock
interest of their respective states,
i. e., in carload lots. Some of these
delegations traveled across three
states or for a distance of nearly 900
miles. The Colorado students had
a novel way of attending the Inter-
national that might well be imitated
by other colleges. A Pullman car
was chartered for the round trip.
Upon arriving in Chicago the car
was sidetracked at the stock yard and
was used as a boarding house and
hotel for the boys.

Some of the features of the show
of special note were the extensive-
ness and quality of the exhibits, the
draft horse exhibit, the pony ex-
hibit, the carload lots, the new am-
phitheater, and the decorations.

Every evening the large amphi-
theater, with a seating capacity of
10,000, was turned into a great place
of amusement where a continuous
two-hour performance was given,
which consisted of a grand parade
of the prize animals of each breed
and between acts the audience was
amused by exhibits of some of the
lighter classes of horses such as sin-
gle horse to vehicle, tandems, saddle
horses, and teams. The pony ex-
hibits and the heavy draft teams
were made the special features of
the show for the evenings. The
ponies appeared as proud as their
little drivers when they were for-
tunate in securing a ribbon. They
seemed to put forth every effort to
please.

The horsemanship shown by the
drivers of the six horse heavy draft
team in cutting the letter S, figure
8, and concentric circles was such as
to elicit much applause from the
audience.

The appreciation of fine horses
shown by the thousands of people
at the evening performances would
indicate that first class horses will
always find a ready sale.

The exposition management did
everything possible for the comfort

of the college student while at the
International.

A "SEEN-UR."

PRELIMINARY DEBATES.

The following teams will debate
on Saturday next at 7:30 p. m. at
the places mentioned with the names
of the teams. The question is, Re-
solved: That railroad rates in the
U. S. should be fixed by a national
commission.

DEBATE NO. 1.

In No. 7 College Hall.

AFFIRMATIVE:

NEGATIVE:

H. G. Stone, L. R. O. W. Stephenson,
Dorland, R. C. Potts. W. E. Piper, H. B.
McDermid.

DEBATE NO. 2.

In Union Lit. Building.

H. I. Glazier, O. A. W. K. Hough, E.
Kratz, E. A. Willson. H. Adams, T. F.
Locke.

DEBATE NO. 3.

In Columbian Rooms.

F. B. Liverance, B. S. B. Lilly, A. J.
G. Campbell, J. B. Carpenter, W. D.
Wilkinson. Carpenter.

DEBATE NO. 4.

In Eumonian Rooms (Y. M. C. A.)

M. J. Dorsey, A. A. H. A. Orvis, H.
Towner, G. P. Boom- H. Crosby, C. W.
sliter. Edwards.

GRAND FOLK SONG CON- CERT.

M. A. C. Chorus, College Ar-
mory, Friday, Jan. 19, at 7:30.
Admission 25 cents. Everybody
come and enjoy a rare treat.

To our friends and neighbors
who so kindly assisted us in our
hour of bereavement in the death of
our beloved son and brother, Hor-
ace A. Fox, we wish to extend our
sincere thanks, also to the singers
from M. A. C., for the many beau-
tiful flowers, and for the kindness
of his brother Sir Knights we ex-
press our thanks and appreciation.

MR. AND MRS. C. J. FOX.

MRS. B. S. MCCOY.

John Shaw who was a student at
M. A. C. the past year and now at
Johns Hopkins, Baltimore, writes
that he is doing chemistry work as in-
structor in beginning chemistry and
chemical physiology in the women's
college at Baltimore. On his recent
vacation trip he visited W. F. Lam-
oreaux at Isabella, Tenn.

At the last meeting of the
board the horticultural department
presented a map of the campus, re-
cently completed by Woodbury,
Spencer and Lambert, on which are
located all walks, drives, trees,
shrubs, beds, and buildings. The
infestation of the campus with San
Jose scale, as determined by Wood-
bury, is located on the map in red
ink. The pest is found in over
fifteen parts of the campus, being
especially abundant on Japanese
quince and the fruit trees near the
hospital. The board made a special
appropriation of \$300 to fight the
scale and do other necessary campus
work. In early spring the badly
infested plants will be destroyed
and the lightly infested plants will
be pruned and treated with the lime-
sulphur spray. The college orchards
which are also infested are being
thinned and pruned preparatory to
very thorough spraying next spring.

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of these Shoes at a glance. * The
patterns are new, and the wearing
quality excellent. * They have a
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For dress wear,
light sole.

BOX CALF
For business wear
heavy sole.

We are pleased
to show them.

C. D. Woodbury's Shoe Store

HOLLISTER BLOCK

ABOUT THE CAMPUS.

The M. A. C. Foresters meet to-
night for the first meeting of the
term.

Miss Laura Thomas, of Three
Oaks, spent the past week with col-
lege friends.

Mrs. Eleanor Beeman, of Cali-
fornia, is visiting Prof. Bogue's
family for a few days.

Miss Bess Paddock, '05, has been
engaged as instructor in English for
the remainder of the school year.

Prof. Fletcher gives a lecture on
Jan. 10, before the Berrien County
Horticultural society on general ap-
ple culture in New York state.

The Olivet College Glee Club
give a recital at Pilgrim church
Tuesday evening at 8 o'clock. Ad-
mission, 25 cents. A good pro-
gram is offered.

M. A. C. people doing institute
work this week are Prof Jeffery at
Owosso and Mt. Pleasant; Pres.
Snyder at Mt Pleasant; Prof. Bogue
at Elsie and Claire and Dr. Water-
man at Owosso.

The Sororian society has elected
the following officers for the winter
term: Pres., Alida Alexander;
Vice Pres., Irene Way; Sec., Ella
McManus; Treas., Matie Hendee;
Marshal, Bessie McCormick.

Instructor W. S. Leonard of the
mechanical department will read a
paper on cutting speeds, with spe-
cial reference to high speed steel, at
the annual convention of the Mich-
igan Engineering society, Lansing,
on Jan. 10.

Dr. Wetmore's sister, with whom
she spent the holidays in Washing-
ton, left Saturday morning for Alle-
gan, where she is employed as
teacher in the high school. She
has been spending the past week at
the college.

Prof. Fletcher goes to South
Haven Jan. 16, where he gives a
talk before the horticultural society.
On his way there he expects to stop
at Grand Rapids, where experi-
ments with lettuce growing will be
installed. On his return he will do
institute work at Augusta.

Miss Virgill'a Purmort, instructor
in domestic science the past year,
writes pleasantly of her work at
Drexel, Philadelphia. She has a
class in cookery every Saturday
morning at the social settlement of
the city and is very enthusiastic
over the work.

"Nine-tenths of the temptations
of college life," said President Had-
ley of Yale, in a recent address to
his students, "would be avoided if
we called things by their right
names. We should never call
things 'fun' here that are 'rowdy-
ism' at home."

Bulletin No. 223 on the breeding,
care and management of pigs, is
proving to be quite in demand. Re-
quests for this bulletin have been
received from England, Spain and
Portugal. The Agricultural Gazette
(England), in reviewing it, speaks
of the work in very complimentary
terms.

The forestry department has re-
ceived from the basket factory at
Holland bundles of willow and sam-

ples of the work done there. The
company has 85 acres of willow
under culture which is claimed to
be the largest area of basket willow
in the United States owned by one
company.

The following committees were
named by President Snyder at the
faculty meeting Friday evening:
Memorial Building — Dr. Water-
man, chairman; Prof. Smith, Prof.
Hedrick, Y. M. C. A. Sec. Hurst,
and Mr. Kenney. Semi-Centennial
Committee — Profs. Babcock, Ked-
zie, Shaw, Mr. Gunson, and Secre-
tary Brown.

Dr. Abram W. Harris and wife
were the guests of Professor and
Mrs. Barrows on Friday and Satur-
day last. Dr. Harris is now director
of the Jacob Tome Institute, Port
Deposit, Md., was formerly presi-
dent of the University of Maine,
and, according to the Chicago pa-
pers, is likely to be the next presi-
dent of Northwestern University.

Horace A. Fox died at the home
of his parents east of the college
Tuesday, Jan. 2, of peritonitis. Mr.
Fox, who has been in the employ
of the Cash Register Co. of Clevel-
and, came home about four weeks
ago and has been ill during that
time. One year ago this winter
he fired at the bath house, dur-
ing which time he became acquaint-
ed with many college people who
extend to the family sincerest sym-
pathy. Mr. Fox was thirty-four
years of age.

Instructor Curtis, of the physics
department, spent one week of the
vacation at Chatham, U. P., where

he installed an apparatus for deter-
mining snow temperatures and also
did some measuring. He returned
by way of Madison and Chicago.
At the former place he met A. H.
Taylor, a former instructor in phys-
ics at M. A. C., now in charge of
engineering physics at Madison.
At Chicago and Northwestern he
visited the physics laboratories.

The Columbian Literary Society
elected the following officers for
the winter term: President, H. H. Bar-
nett; Secretary, M. B. Ashley;
Treasurer, C. W. Edwards; Mar-
shal, A. L. Campbell.

The room in the horticultural
laboratory used by the Horticultural
Club and for a reading room, has
been doubled in size by having the
south portion moved over to the
stairway, thus including a large
space formerly a portion of the hall-
way. The cases of artificial fruits
have been moved into the lecture
room. This large room thus se-
cured will be used for class work as
well as for a reading room.

The new calendars have been
distributed among college people
and students' rooms. A copy has
also been mailed to each home rep-
resented at M. A. C. Several hun-
dred have been placed on sale at the
book store at seven cents each (just
about cost) for those who desire to
send to friends. In addition we are
trying to reach as many of our
alumni as possible. Several have
been reserved and those of our
alumni and old students who have
not received one can do so by send-
ing address.

VACATION SHOP WORK.

During the Christmas vacation the 5"x6" engine in the experimental laboratory was given a general overhauling, making this engine almost as good as new. Considerable work was done on the compound engine also. On this engine the crosshead brasses were rebabbitted, crosshead refitted, guides lined up, etc.

One job, which was finished during the vacation, will interest the student who did the designing, the latter work having been done in the class in advanced machine design. The student referred to was very proud to have the honor of making an improvement in the gearing system of a lathe purchased from one of the leading machine tool builders.

The screw cutting gearing of the lathe in question was similar to that used on many first class lathes, but it was nevertheless considered very 'trappy' and inconvenient. The first change gear was placed on the main spindle behind a feed cone, necessitating the frequent removal of this cone pulley, other awkward adjustments were necessary when changing the gears for screw cutting. In the improved system there is no change gear on the main spindle, and therefore the feed cone does not have to be moved. It is necessary to remove only one gear for the whole range of threads cut in the M. A. C. shops, this being the gear on head screw. It is believed that the student who did the designing would be pleased to see the new change gear system in operation.

Another small job which was done during vacation is the new overhanging arm for the plain miller. This arm, which was also designed in connection with the senior class work admits of the use of very small cutters, of which we have a considerable number. It is so constructed that the arbors may be supported by either a center or a bushing.

In the foundry the cupola arch was bricked in, giving that side of the room a very neat appearance, besides adding greatly to the comfort of the shop. Also six iron flasks previously made were fitted up.

Mr. Chappell had an addition made in his equipment in the form of a number of new anvils. He has other improvements in mind which he hopes may materialize in the near future.

The sixteenth annual meeting of the Michigan Association of Breeders of Improved Live Stock meets at the College tomorrow, January 10. The following subjects will be treated, discussions following each topic.

President's Address, L. Whitney Watkins, Manchester.

Outlook for Beef Breeds of Cattle, Prof. H. W. Mumford, Urbana, Ill.

Outlook for Dairy Breeds of Cattle, Hon. Jas. W. Helm, Adrian.

Outlook for Sheep From Breeders' Standpoint, Thos. Wyckoff, Orchard Lake.

Outlook for Sheep From Feeders' Standpoint, C. A. Tyler, Nottawa. Live Stock Sanitary Conditions in the State, C. A. Waldron, Tecumseh.

Relation of the Agricultural College to the Live Stock Industry of the State, Prof. R. S. Shaw, Agricultural College.

Outlook for Hogs from Breeders' Standpoint, Ward H. Lessiter, Pontiac.

Outlook for Hogs From Feeders' Standpoint, F. W. Upton, Ovid.

What Michigan Should Do to Foster the Live Stock Interests of Our State, Robt. Gibbons, Detroit.

Everyone is cordially invited to take part in discussing each and every subject.

Hesperian Society has elected the following officers for the winter term, 1906: President, W. P. Willson; vice president, C. A. Willson; secretary, H. E. Silcox; treasurer, A. G. Palacio; registrar, R. S. Canfield; marshal, A. A. Chambe.

Prof. Holdsworth writes Mr. Newman interestingly of their trip to California. On the evening of the day they left M. A. C. they took dinner with P. M. Chamberlain '88 and wife in Chicago, Prof. and Mrs. Woodworth and Mrs. Kedzie also being of the party. They left the Windy City at 9:30 and daylight found them well into Missouri. Prof. H. speaks of Trinidad, with an altitude of 6,000 feet, as being one of the most attractive places on the road. On account of a wreck during the second day the train was thrown of the regular schedule which changed the time of their arrival at Los Angeles twelve hours. Monday morning found the party in California but Prof. states that until they left Barstow they could not realize that they were within the great western state. After leaving San Bernardino they began to feel that they were in the California "we read about." Monday night was spent in Los Angeles, leaving there at 8:45 for Santa Barbara at which place they arrived at 1 o'clock p. m. Mrs. Stevens met the party and at the time of writing they were settled at her place four miles out from Santa Barbara. Prof. H. describes his home, stating that the ocean is in view only three miles away and going back of the house three-quarters of a mile you are in the mountains. He sends regards to his college friends and they certainly hope that the western air may be of great benefit to him.

'03.

W. M. Brown, a graduate of the above class, was married to Miss Bertha McCartney, of Lake Odessa, at the bride's home on Dec. 13. Mr. and Mrs. Brown are at home at 357 23d St., Detroit. Congratulations.

'04.

F. H. Sanford, of the above class, and Miss Cara Farmer, a special student at M. A. C. for several terms, were united in marriage at the bride's home, Grand Blanc, on Wednesday, Jan. 3, 1905. The young people will be at home after Feb. 1 at St. Charles, Mich. The many College friends will, we are sure, join the RECORD in its best wishes to the young people.

'05.

G. R. Fryman, '05, is engaged in railroad location for the Sante Fe railroad, a position he accepted very soon after graduation. He celebrated Christmas day on the prairie in a tent, snow a foot deep outside, good water fourteen miles distant, and the nearest timber eight miles away. His left ear and right foot were frozen, but not badly enough to discourage him. He suggests that "this must be the cold world we used to hear about."

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