

The M. A. C. Record.

VOL. 7.

LANSING, MICHIGAN, TUESDAY, NOVEMBER 26, 1901.

No. 11

Special Creamery Course.

The special creamery course opens Jan. 7, and a large attendance is expected this year. Applications are being received not only from this state but from sister states as well.

During the special course the dairy school will be provided with a complete line of the most approved modern dairy machinery. There will be found three styles of combined churn and workers, three styles of cream vats, continuous and discontinuous pasteurizers, direct and indirect milk heaters, skim-milk weighers, and four or five different makes of power cream separators, including both belt and turbine makes.

There will also be in operation a new ventilating system which has given better satisfaction than any other ventilating system with which the writer is acquainted. This ventilator can be placed in any creamery at a very moderate cost.

The College is now receiving from the neighboring farmers about 2,000 lbs. of milk daily. This milk is all made into butter, a large portion of which is consumed at the Hotel Cadillac, of Detroit.

We would again urge those who have not had any dairy experience, and who are contemplating taking the creamery course, to come one month before school opens, so that they may be able to work to better advantage during the regular course.

JNO. MICHELS.

The Lecture Course Entertainment.

The concert given by the Stephenson String Quartet and Miss Addie Chase Smith in the armory last Friday evening was one of the finest musical events ever heard in the community. The program displayed remarkable selective ability in that it was not only well calculated to reveal to good advantage the talents of the artists, but the selections were such that the average audience, without special knowledge of musical form, could listen to with enjoyment. Every number was heartily encored and graciously responded to by the ladies. The ensemble work was all that could be desired, being characterized by unity of feeling and movement.

It would be impossible for an unbiased critic to single out any one of the combination either for special favors or adverse criticism, but from the comments heard next day it was evident that there was a bias and that it was caused by Miss Lalla's winning smile which added much charm to her music; in fact her bow was playing on some strings that were not tied to her fiddle. There is a something in her playing that reminds one of Remenye who, with a merry twinkle in his eye, would produce such a succession of tonal antics as to fairly convulse an audience with laughter. The rendition of a selection which she played in response to an encore had just enough humor in it to produce gentle undulating smiles which later broke here and there into little ripples of laughter.

Hauser's Hungarian Rhapsody played by Miss Elsie was a marvel-

ous combination of soul and technique. All of the wildness, the weirdness, the love, the pathos of a peculiar people seemed to stand forth in this admirable interpretation.

No less was the degree of perfection attained by Miss Clara on the 'cello. Her brilliant execution, graceful technique and depth of soul combined to make her work pleasing to all.

Mrs. Stephenson's accompaniments are also deserving of mention as it is so seldom that an accompanist can successfully merge her own individuality into that of the soloist she is to support and sustain.

Miss Smith was in the hearts of her auditors before she had uttered a dozen words. Her enunciation was clear and her voice pure and resonant so that she was distinctly heard in all parts of the armory. Her selections were well chosen and given with rare grace and finish. There was but one flaw to be noticed in all of her work, but as it is a common one to her sex it may be overlooked. In the rendition of "Helene Thame," Miss Smith attempted the gesture of throwing a snowball and with the usual results; but then, the girls will forgive her because they never could do it themselves, and the boys will do the same because they never knew a girl that could.

IRVING GINGRICH.

Illness of Dr. Kedzie.

Last Friday morning while making preparations for his lecture in organic chemistry, Dr. Kedzie suffered from a slight stroke of paralysis affecting his right side. He was at once removed to his residence where he is now resting comfortably. The first symptoms of the attack have now almost entirely disappeared and he is able (Monday) to move about, read and talk. We hopefully anticipate his speedy recovery.

Botanical Club.

The program at the Botanical Club Tuesday evening was furnished by horticultural seniors.

Mr. A. G. Craig spoke on "The Behavior of Plants Towards Light." Mr. Craig stated that plants grown in darkness grew faster and more spindling than those grown in the light, the yellow color of those grown in the dark being due to the absence of chlorophyll, which is only formed in the presence of sunlight. Mr. Craig showed specimens of young peas which had been placed in a box admitting light from only one side, and although the light was not strong the young plants had become curved towards the light. The effect was noticed upon both leaves and stems.

Mr. T. G. Phillips' subject was, "How Plants Breathe." Mr. Phillips said in part, "The breathing of plants is not continuous. During the day CO₂ is taken in through the leaves and a starch solution formed. At night this starch solution is changed into sugar or cellulose."

Mr. D. S. Bullock spoke on "Two Tumble Weeds." He defined a

tumble weed as any plant which breaks off from the place where it grew and is blown about by the wind; thus distributing its seed. Mr. Bullock showed two specimens of tumble weeds. The first, *Panicum capillare*, tickle or hair grass, a small tumble weed; the other *Amaranthus albus*, a large one.

Mr. F. W. Owen chose for his subject, "Effect of light and darkness upon growth of stems." Specimens of plants grown under these two conditions showed that the one grown in the darkness made a much longer growth but was unable to stand erect. Mr. Owen said that this inability lay in the fact that plants grown in darkness were unable to form starch, which is one of the chief materials which give plants their erect position.

Under observations Prof. Wheeler showed cone of the western white pine, Douglas fir, western larch (or tamarack), and western jack-pine; also specimens of lichens and reindeer moss, collected by G. E. Tower in Utah.

In Honor of the Governor.

The Thanksgiving Military Wednesday evening will be given in honor of Governor and Mrs. Bliss who have accepted our invitation, and who will be given a short reception before the grand march.

On account of the additional expense of this party the officers will be obliged to change the prices of admittance from 50 cents and \$1.00, to 75 cents and \$1.50.

All College people are cordially invited, and it is hoped that the Faculty will also attend and help us entertain our distinguished guests.

The Debating Club.

The meeting of the Debating Club last Thursday evening from every standpoint, was the most successful held this year. More than forty were present and the interest manifested was in keeping with the attendance. The question debated was, *Resolved*, That the jury system has outlived its usefulness.

Bennett and Auten supported the affirmative; Carrier and Clark the negative, the judges giving their decision in favor of the negative. The next meeting will be held December 5.

Reception.

The ladies of the Women's Building will be at home to their friends on Thanksgiving night from 7 to 9:30 o'clock. They want to make the invitation general and cordial, so that any who remain over may feel quite free to come in if they care for a social time.

Card of Thanks.

To our M. A. C. friends:

Words fail to express our feeling of gratitude to our friends who so kindly came to us in our time of bereavement with words of sympathy, deeds of kindness, and beautiful flowers.

MR. AND MRS. L. F. JENISON.

How Long will Weed-seeds Remain Alive when Buried in the Soil?

In the fall of 1879, twenty-two years ago, I selected seeds of twenty-one kinds of plants, all of them common weeds except one. A considerable number of sets of these weeds were buried in "clean dirt," consisting of sand from a depth of about two feet. Fifty seeds of each kind were counted out and placed in each bottle, which was buried at a depth of nearly two feet. The seeds were well mixed in each bottle with this sand referred to. At periods of five years, a set has been dug up and tested. At the expiration of twenty years, *i. e.*, two years ago this fall, one set was taken up and the sand containing the seeds placed in two soup-plates and gently watered. Some seeds were prompt in coming up, and were removed and "tallied" as they were identified. But there were laggards which sulked in the moist sand. I dried off the dirt for a rest from time to time, and on wetting the soil after two weeks to a month or more, other seedlings appeared. The last long rest consisted of perhaps eight months, continuing until Nov. 15, 1901. After five days three seedlings are already in sight, and I am expecting others after a little more time.

As I look at it, the delay of some seeds in germinating is of great advantage to the weeds, for if a lot of seedlings start, there may be too many to thrive well and some may be choked and perish. Again, some of the seedlings, or all of them, may be killed by an untimely frost, or by the ruthless hand of the tidy farmer, and when the ground is stirred, there is a reserve of seeds to start another crop as a second planting; and still other dormant seeds may serve as a third or fourth planting. In case all the seeds were favorably exposed when fresh, most of them, probably all, would germinate. After they had been buried twenty years or more, a variable number of seedlings appeared, of the following species: Our most common prickly pig-weed, mustard, shepherd's purse, pepper-grass, mayweed, common mallow, evening primrose, smart-weed, purselane, narrow-leaved dock, a chickweed, the common blanket-leaf mullein—twelve in all, out of the twenty-one species buried. Still others may yet respond.

If any additional lessons were needed regarding the cost of growing a crop of weeds, of permitting weeds to get a start on the farm, here it is: If the earth is once well seeded, and a man begins at once to keep each one from going to seed, he will not kill the last seedling of the old crop inside of twenty years or more.

W. J. B.

An Invitation.

A cordial invitation is extended to College people to inspect the animals which the College has entered for the big Chicago show. The animals will be on inspection Wednesday morning from 10 to 12, when some member of the Department will be on hand to take care of visitors.

J. J. FERGUSON.

THE M. A. C. RECORD.

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Society.
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To all we wish a good appetite,
the best of cheer, and an adequate
digestion.

May we be able to give thanks,
among other things, for a thanks-
giving football victory!

College exercises will be sus-
pended on Thursday next, and those
desiring to go home may obtain
leave of absence for Friday also.
But don't on any account neglect to
be back Monday in time for the
day's work. No excuse will go.

The opening entertainment of the
College Lecture Course was at-
tended by a large audience who
thoroughly appreciated the music
and recitations. We have space to
say merely that the entertainment
was on a high plane and thor-
oughly worthy of the audience.
We have every reason to be proud
of our lecture course if this is a fair
sample of those that are to come.

The slight notice of Dr. Kedzie's
illness which appears in another
column, while it gives all the es-
sential facts and will bring comfort
to the many anxious friends of the
doctor, is no way indicative of the
deep and wide-spread concern man-
ifested when the fact became known.
It amounted almost to consternation.
The wildest and most contradictory
reports of his condition were cur-
rent, and trustworthy details were
anxiously sought. The same earn-
est interest was shown in Lansing.
Everyone seemed to regard as a
matter of personal misfortune the
first serious reports. Correspond-
ingly great was the general relief
when toward mid-day it became
generally known that the doctor
was only slightly affected and was
rapidly regaining his faculties.
Everyone commented on the won-
derful vitality of the grand old man
and rejoiced in it. A little incident
of that Friday evening is so char-
acteristic that we cannot refrain
from telling it. Mrs. Kedzie, for
the first time in her life, served the
doctor's tea on a tray at his bedside,
and remarked: "Father, this is
something new for you." "Yes,"

said he, "I never *betrayed* any one
in this way before." We sincerely
rejoice that the brilliant, sparkling
intellect is still vigorous, and earn-
estly hope that it will be with us
yet for many years to delight and
instruct.

HOWARD EDWARDS.

Farm Department.

The Farm Department has re-
cently purchased two very service-
able teams of farm horses. Both of
these teams were bred in the state of
Iowa and were purchased at a sales
stable in Chicago. One is a team of
blacks, very nicely matched in ap-
pearance of a general purpose type,
weighing about 2,960 pounds. The
other is a team of nicely mated
strawberry roans of a tidy, service-
able build, the kind that wears well,
weighing 2,900 pounds. Both teams
have been working for some time
and are giving good satisfaction.

Several pure bred animals have
recently been added to the College
herds and flocks through a grant
made by the State Board in the
early part of the summer. A founda-
tion herd of three Herefords was
purchased from the Hamlet herd of
C. A. Jamison, of Peoria, Ill. These
have been in demand for class pur-
poses since their arrival.

In sheep typical specimens of
Shropshire, Cotswold, Rambouillet,
and Hampshire breeds have been
secured. In addition there were
purchased in Chicago seventy-five
grade lambs which had been bred
on a Wyoming ranch and seventy-
five home-bred lambs purchased of
a local dealer. These lambs are to
be divided into duplicate lots of
twenty five each for the purpose of
comparing the relative gains made
by home-grown and -bought lambs.
They will be fed and cared for by
students of the senior year who will
use the data secured for thesis work.

The cattle, sheep and swine
which have been fitted for the Chi-
cago Exposition will be started for
Chicago on Wednesday afternoon.
The six steers are an especially fine
lot, consisting of a grade Shorthorn,
two grade Herefords, a pure-bred
Galloway, and two pure-bred Aber-
deen Angus. With these steers
there will also be shipped two very
fine Sharon Shorthorns. These are
consigned to the big breed sale in
Chicago.

M. A. C. will be represented in
the Inter-Collegiate Judging Con-
test to be held in Chicago on Mon-
day next by eight men, Messrs.
M. B. Stevens, W. B. Willson, W.
J. Geib, and Lyman Carrier of the
senior year, L. F. Bird, special, and
Messrs. Dauncey, Wilcox, and Boke
of the freshman year. These men
leave for Chicago on Friday in
charge of Mr. Stevens who has been
elected captain of the team.

The Zenoleum Co. of Detroit
offered a silver medal for the best
write-up of certain live stock ex-
hibits of the State Fair. Mr. M. B.
Stevens was fortunate in being the
winner. A few days ago the medal
was presented in class. It is a very
pleasing design.

J. J. FERGUSON.

Y. M. C. A.

Thursday evening prayer meeting
was led by F. C. Dauncey. The
attendance of the Y. M. C. A.
prayer meeting this term has been
very good.

Chapel exercises Sunday morning
were conducted by Rev. E. Sinclair

Smith, pastor of the Pilgrim Con-
gregational Church, Lansing. Mr.
Smith's theme was *Thanksgiving*
and his text Psalms cxvi, 12, 13,
17, 18. This is the first time Mr.
Smith has conducted chapel exer-
cises at the College, but we hope to
meet him often during the remain-
der of the year and to become as
well acquainted with him as with
the former pastor, Mr. Allen.

The union meeting of the Y. W.
and Y. M. C. A., Sunday evening,
was led by Pliny M. Lyman. Mr.
Lyman's subject was the "Why,
How, and When of Thanksgiving."
The meeting was a success in every
way, and everybody enjoyed the
cheerful spirit which characterized
the services.

A union meeting will be held in
the Y. M. C. A. rooms Thursday
morning at 9 o'clock. H. N. H.

Football.

Our football team stands at second
place in the inter-collegiate list for
the regular schedule of games and
is now listed for the final. That
game will be with Olivet and will
be played at 1:30 p. m. on Thanks-
giving afternoon at the state grounds
on Walnut street in Lansing. The
winning of this game means the
State inter-collegiate championship
and the Brackett cup for 1901.
The team are in condition to do
their part and the student body
should also be in solid line upon
that day. We were very fortunate,
indeed, in being able to bring the
game to Lansing and now we must
attend and do our part in winning
the trophy which is to be ours.

The general admission has been
placed at 50 cents but to those hold-
ing association tickets only one-half
that price will be charged. Tickets
will be on sale at the secretary's
office Tuesday and Wednesday.
Nothing but full-price tickets will
be sold after that time. In purchas-
ing association tickets a receipt for
term's dues must be shown.

H. E. Y.

A Visitor at M. A. C.

For the casual visitor, even though
he has only an hour or two to spend,
the Michigan Agricultural College
has much of absorbing interest. He
finds himself upon a campus of re-
markable beauty. On every side,
distributed about among the trees,
are the forty and more buildings of
all sizes and shapes that house the
equipment of the College. The
visitor may seek out the charming
bits of sylvan scenery for which the
College is famous. He may loiter
through the beautiful green-houses,
or catch the inspiration of work by
a glance through the busy shops
with their droning wheels and
clanging forges. He may walk
through the library with its quiet
readers and endless rows of books,
or stray among the variegated vege-
tation of the experimental plats or
the magnificent specimens of animal
life in the barns. Everywhere there
will be something to interest—it may
be the students themselves, six hun-
dred of them, as they move about
intent on their work, or it may be
the flash of wit and humor, the terse
incisiveness of some epigram, or the
simple earnestness of some great
thought in a lecture room.

But it is to the visitor of serious
purpose, who comes here prepared
to spend days and even weeks in
careful, thorough investigation, that

the College life and work reveal
themselves in their fullest richness
and intensity. In the work the
spectacular is conspicuously absent.
The buildings so profusely dotted
about the campus are unpretentious
and in many cases even severely
plain in exterior appearance and in-
terior fitting and adornment. But
everywhere within these walls pul-
sates a life that is pregnant in results
for the great world that seems to lie
so far away from the scholarly
quietude immediately surrounding
us. Everywhere there is the pre-
occupied, absorbed look and the
purposeful, intent attitude and car-
riage.

We enter the chemical laboratory
and there we find a group of men
busied with pulper and press and
balance and polariscope, determining
by careful measurement and analy-
sis the sugar-content of beets, grown
in an intricate and important experi-
ment on the farm, to test the value
of certain methods of treatment. In
the physical laboratory adjoining
we are led to two attic rooms where
new and peculiar receivers and
transmitters for wireless telegraphy
are being installed. In the class-
rooms over in College Hall, classes
in mathematics, in history, in En-
glish, in German or drawing, show
the same intent interest. Here, a
class in English is investigating in-
ductively the characteristic sentence-
form adopted by Huxley and that
adopted by Cardinal Newman, is
determining the result arrived at in
each case, and is seeking to reach
these results in the treatment of new
thought. There, a class in descrip-
tive geometry are working out in
models made of wood or mica or
silk threads the actual special form
that the drawing previously made
represents for the problem would
represent. In this room we find
students in history busily engaged
in looking up authorities to deter-
mine how it comes about that
"those who previous to the adoption
of the Constitution were most vig-
orously opposed to it, became after
its adoption the strictest construc-
tionists of that document; while in
another room close at hand a class
in graphic statics of framed structures
is listening to a demonstration by one
of their number of the stresses com-
ing upon a given member of a roof-
truss under set conditions of loading
—a demonstration interrupted at in-
tervals by a question from some mem-
ber of the class, or by somewhat
extended discussion in which the
professor arbitrates disputed points
or refers the disputants to standard
authority.

And so we might pass on through
a long and ever lengthening suc-
cession of varied work. There are
classes studying German *Wissen-
schaftliche Vortraege* and French
chansons, machine design and
metallurgy, bacteriology and dairy-
ing, soil-physics and plant histology,
anatomy, veterinary science, and a
host of other subjects. When we
recollect that each of these exercises
constitutes only one in a carefully
planned series treating of one sub-
ject, and that the subjects are phases
only of departmental work, and still
again that each department exists
only for its contribution to the work
of one or more of the three courses
of training established at the Col-
lege, we may form some idea of the
complicated task before even the
serious visitor, who would thor-
oughly understand this vast and
varied hive of industry. Those who
have lived here for years scarcely

know what is going on in the next building, and find it difficult to keep up with the merest outlines of the changing activities around them.

And yet to the student who comes here for training, these manifold activities are not bewildering. He chooses, first of all, the course he will pursue. A girl enters the women's course, a boy determines which division of the world's great industrial army—that of the producers of raw material or that of the transporters and transformers of that raw material—he desires to join; and accordingly takes the agricultural or the mechanical course. After that the matter is easy for him. Step by step he is carried from class to class, from subject to subject, until finally all the departments of that course have labored together to give him the best equipment possible for the work he will undertake. He is turned out alert, capable, ready—not a finished master-workman as yet, but keen of intellect and cunning of hand and eye to take hold of whatever task may offer itself, understanding the forces that he has to combat or to call into action, thoroughly acquainted with the materials upon which he is to work, understanding, too, the nature and history of the social organization in which he finds himself, equipped with language and history and literature and art, to grapple with and dominate the social, moral, and political forces that surge around him.

As a specimen of the variety and thoroughness of the work going on, we were led into the Horticultural laboratory where we found Professor Hedrick in charge, and he very kindly showed us what there is to be seen. "These students," he says, "are carrying on some interesting studies to determine what the limits of grafting are. The art of grafting is one of the oldest having to do with the growing of plants. It was a secret around which the gardener sought to throw a great deal of mystery, and the wildest notions of its possibilities and limitations prevailed. Vergil talks about bidding

'The unfruitful plane sound apples bear, Chestnuts the beech, the ash blow white with pear, And under the elm the sow on acorns fare.'

The popular misconception was that any kind of tree would grow on any other. Nevertheless, the ancient gardeners certainly knew and successfully practiced grafting, and Pliny describes several kinds of grafts and gives accurate directions for making them. The moderns, now, have gone to the other extreme, and professionals as well as amateurs hold that only closely related plants can be united. The fact is that the limits of grafting can be determined only by experiment, and that is what these students are just now engaged upon. They have arrived at some very interesting results."

"Here, for instance," and he took up an apparently normal geranium plant, "is a geranium plant growing on a potato stock."

"Is this easily brought about?" we asked.

"No," he replied, "it demands more than ordinary care and skill. These same students have successfully reversed the process and have made the potato grow on the geranium. Here, again, are potatoes growing on tomato stocks; and here is a chrysanthemum growing on a potato stock."

"What facts are brought out by these experiments?"

"Well," said the professor, "the main indication from the care necessary to a successful operation would seem to be that the closer the relationship of stock and cion the better the union."

(To be continued.)

The Russian Thistle as a Forage Crop.

We all know with what fear the farmers of Michigan heard of the advent of the Russian thistle into the state.

At one time, if I am not mistaken, the people of the Dakotas and Minnesota wanted an appropriation of \$3,000,000 from the government with the view of exterminating this plant. During the present summer the weather was extremely dry in Kansas, Nebraska and surrounding country, and the Russian thistle endured the drouth about as well as anything. Early in the season, before it blossoms and becomes prickly, the Russian thistle makes good pasture. In roaming about these dry regions during this summer, Mr. H. P. Baker, '01, as one of the foresters for the government, reports the Russian thistle a friend in disguise, for he had seen thousands of acres cut and made into hay.

W. J. B.

"The midnight oil" is the "midnight spoil"—spoiled health, spoiled scholarship, spoiled stamina, spoiled ambitions.

College students think the heavens will fall when they fall out with the faculty. The heavens do fall—fall to laughing.—Ex.

Furniture...

Headquarters

COMPLETE LINE OF FURNITURE FOR STUDENTS' ROOMS

Canvas Cots at 95c. Woven Wire Cots at \$1.50. Woven Wire Springs at \$1.50, \$2.00, and \$2.50. Mattresses at \$2.00, \$2.50 and \$3.00. Tables at \$1.50 and \$1.35. Chairs at 50c up.

All goods delivered to your room free.

M. J. & B. M. BUGK.

The main item in Stoves is to get the best for the least money. We have the nicest assortment ever in the city. Steel Ranges \$18.00 to \$40.00; Cast Cook Stoves with Reservoir \$16.00 to \$25.00; Base Burner Coal Stoves \$25.00 to \$40.00; Soft Coal Air-Tight Stoves \$12.00 to \$18.00; Air-Tight Wood Stoves \$5.00 to \$9.00; Nice Oil Heaters \$3.25 to \$4.00. Everyone of them fully guaranteed. A nice line of Pocket Cutlery, Razors, Shears, in fact anything needed in the Hardware Line you will find it and at prices to suit you, at

NORTON'S HARDWARE.

SIMONS DRY GOODS CO.



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DRY GOODS, CLOAKS and CARPETS

STUDENTS' TRADE A SPECIALTY.

Simons Dry Goods Co.

Three Floors—Three Stores—Elevator.

Your Attention Ladies!



We are catering to the wants of those who are looking for high grade goods at their intrinsic value. We are headquarters for...

BRainerd & Armstrong's SILKS—The Best.

Filo Floss, Roman Floss, Wash Twist, Rope Silk, Purse Twist, Knitting Silk, Pique Embroidery Twist.

COLUMBIA YARNS The Best.

Shetland Floss, Shetland Wool, Germantown and Saxony.

Mountings for Purses—Steel Beads, Gold Beads, Jet Beads, Turquoise Beads.

Our line of Chatelaine Steel and Metal Bags is the finest. Do not be satisfied until you see them. Send your orders to the

Donsereaux Clothing & Grocery Co.

Our big wagon passes your door daily. Your orders carefully filled.

The Hat Question

Must demand your attention now, and we have anticipated your wants with the finest stock we have ever shown.

We have the Dunlap, Wellington, Merton and Youngs Stiff Hats, and Dunlap, Youngs, Guyer and Brown Soft Hats. Where in the City can you get another such collection?

Students' patronage respectfully solicited.

Elgin Mifflin.

Patent Leather Slippers



Three strap Patent Leather Sandals—medium high French heels—medium coin toe, light turned soles. Dainty and graceful in appearance—just the thing for dress occasions.

Price \$2.50 a Pair

C. D. WOODBURY

Same style in fine Vici Kid at \$2.00 and \$2.50.

HOLLISTER BLOCK.

Old Students.

Guy L. Stewart, '95, changes his address to Industrial Office, Baltimore & Ohio R. R., Baltimore, Md.

Mr. R. M. Norton writes us that he has not accepted a position at Washington, but is with the Port Huron Engine & Thresher Company and that he is very much pleased with his position in said company.

C. C. Pashby, '94, it will please many friends to know, is improving in health after his long and trying illness. He is able now to get around on one crutch, and has resumed work in the city engineer's office, city hall, Memphis, Tenn.

O. H. Skinner, who was with '02, and who left College a short time ago to accept a position in the Alma beet sugar factory, expects to be in school again by February. Mr. Skinner writes that he will hardly be able to graduate with his class.

E. G. Wilson, '89, school commissioner of Ingham county, has issued a call for a meeting of teachers and patrons at Mason on Saturday, November 30, with the view of carrying out a good program and perfecting a permanent organization. C. E. Holmes, '93, superintendent of schools for the city of Lansing, is one of the principal speakers.

A. F. Frey, with '04, writes that he is working in a machine shop in Chicago and is well pleased with his work. He intends to return to M. A. C. next year. C. H. Bastin, with '03, called on him last Tuesday. It will be remembered that Bastin left College about a year ago because of poor health. He was on his way to California where he hopes to regain his health. Frey's present address is 91 West Madison St., Chicago.

Mr. A. H. Hayes, '01, writes from 2015 Charters St., Allegheny, Pa., regarding his work as follows: "I have taken a position with the Pressed Steel Car Co. as inspector of the work and to learn car construction in general. I have the work of six presses, four hammers, a 'bull dozer' and several punches to look after * * * to see that it corresponds to the blue prints and of course to keep records." Says further that he has seen Littel and Christensen and that the M. A. C. men of that vicinity are planning for a "time" Thanksgiving.

Notes Gathered Here and There.

Miss Mildred Elizabeth Edwards on the occasion of her fifth birthday, Saturday, Nov. 23, entertained five little girls.

Miss Gilchrist pleasantly entertained the Senior girls at a five o'clock tea Friday afternoon. Miss Gilchrist sang several German songs which were much appreciated.

Prof. J. J. Ferguson has been selected as single judge to place the awards in the various classes of Red Poll cattle and Oxford Down sheep at the coming international exposition.

Several cases of "Cuban itch" have developed recently among the students. While no serious consequences are apprehended, it is best for each to guard himself with all the precautions possible.

Mrs. E. M. Kedzie, in the State whist tournament at Lansing on

Thursday afternoon of last week, won with Mrs. Marvin, her partner, the highest east and west score attained by any Lansing couple on that afternoon.

The junior class in Logic commenced last week, an analysis of Webster's speech on the "White Murder Trial." The work consists in classifying the arguments as to source and logic. The work is very interesting as well as instructive.

It will be remembered that Abraham Knechtel graduated at M. A. C. in the Agricultural Course in 1900; graduated at Cornell last June in the course of Forestry and then became chief forester of the state of New York with the encouragement of a rise in salary each year for two years. He has recently been surprised with a substantial rise in wages as high as he was led to expect after a service of two years.

Control of Trusts.

EDITOR RECORD:

Dear Sir:—Your article on "The Problem of the Trusts," in Nov. 12 issue closes with the remark, "the 'HOW' has not been discovered" regarding the question. To my mind the true solution is government ownership and control of the trusts. Government control without ownership is a failure as in the case of the railroads of the country through the interstate commerce commission. Anti-trust legislation is a failure and always will be. The public must enter into the industries as an owner and the whole question will be solved. The public through the postal department carries our letters and papers. Why not extend this to include the carrying of everything.

We have our public school system to furnish us education. Why not a sugar factory to furnish us sugar, an oil refinery to furnish us oil, a flour mill to furnish us flour? We have a public army to fight our battles. Why not a public army of industry to furnish us life's necessities?

This would settle the whole vexed trust question and, to my mind, is the only true and logical solution. Many of our eminent economists are coming to this conclusion. Hon. Carroll D. Wright sees this solution of the "railroad problem," and so does ex-Governor Larrabee, of Iowa. This will settle very many of our social problems. I believe.

There is nothing in our form of government to prevent this solution. Municipalities are taking control of their waterworks plants, electric lights, street cars, etc. There is a true logical solution to our great problems and many men see it already.

Yours,
F. N. CLARK.

Juniors vs. Seniors.

The long and bitter rivalry between the seniors and juniors has at last been settled. For the last two years they have played tie games at football, and this year it has been decided to play off that tie. The juniors put up a very good game, having practiced long and hard for it. The seniors, although much heavier than the juniors, did not play together and the strength was not very apparent. The game itself might have been a cleaner one. After two twenty-minute halves the score was juniors 5, seniors 0.

J. P. H.

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