A Rare Bird for the Museum.

During the winter vacation Prof. Barrows secured for the Museum a fine specimen of the Barn Owl, Tyto alba. It is a bird which is not very common in this State, though several have been recorded. The specimen in question was secured in Michigan, not in the Barnet, and its face is so elongated and very strong. It is smaller than the "monk" and its under coat of very coarse," said the Ohioan, 10. It belongs to a remarkable family of owls, other members of which are found in widely separated parts of the world, but America has but a single species, which ranges from Florida to California, and from New Mexico to Argentina. The specimen in question was picked up dead by Geo. W. M. Bickford, of Grand Ledge, about Dec. 21, and appeared to have frozen to death. Its tongue contained two plumage feathers, nearly entire. It is a bird which may be looked for in Michigan in winter and among the evergreen forests of the north.

WALTER B. BARROWS.

Musical Program.

The M. A. C. Chorus will give a musical program in the armory on Friday evening of this week at 8 o'clock. There will be no admission fee. The following program will be given:

(3) to lecture to agriculturists when required.

Prof. J. D. Towar, of this College, noticed the item and went to work to secure the plum. On Saturday, the following cablegram arrived at the College from London, England: "Agricultural College, Lansing. Mich. Appointed professor of agriculture. Wire me acceptance. Date arrival Adelaide, Icarian, London." Mr. Bird soon discovered that the telegram was intended for Prof. Towar, and accordingly delivered it. Prof. Towar replied yesterday morning: "I accept. Arrive June 1st."

Prof. Towar was supported by very strong recommendations; among others, were letters from Assistant Secretary of Agriculture Briggs, Senators McMillan and Barrows, Gov. Bliss and Congressman Smith.

We shall regret to lose Prof. Towar from among us, but the opening is a magnificent one, and we hardly rejoice in the good fortune of our colleague. He will carry with him the best wishes of a large circle of friends.

Prof. Towar was born September 26, 1853, in Meridan township, one and one-half miles north of the College. He attended the country schools, as he says, "off and on, most of the time off" until 15 years of age, when he entered the Lansing high school, spending two years and one term there. In the spring of 1873 he entered the Michigan Agricultural College, graduating in 1885. The long vacations of the College year were spent in teaching, and liking this work he continued it for some time after his graduation. In 1891 he accepted a position tendered him at the instant agricultural college of the Rhode Island Experiment Station. Here his good work and qualifications made him a prominent figure in the position of associate professor of agriculture. This position he held until June, 1898, when he tendered his resignation to accept the position of agriculturist of the experiment station here.

The Periodical Cicada in Michigan.

The summer of 1902 will witness the reappearance of the periodical cicada or seventeen year locust scattered throughout much of the southern half of the lower peninsula. The periodical cicada is an insect closely related to the harvest-fly, sometimes called the dog-day harvest-fly. It is smaller than that insect, however, and requires a period of seventeen years in which to complete its growth from the egg to the adult condition. As they congregate in definite broods and as the early cocoon may be not over a month old, we come to look for their advent at regular intervals of seventeen years, just as an astronomer looks for the reappearance of a comet which has previously been studied and whose period is known. This interesting creature is about one and one-half inch long and less than half an inch broad. It is of four plumy wings and a long beak. Its song is a shrill and piercing sound, long continued and piercing in quality.

The adolescent stages are passed under ground in small cells of earth where the insect sits and sucks from the rootlet of a tree. Its growth is very gradual and slow, the small amount of sap extracted amounting to only a small part of the amount of sap required. Here the insect lies from prying eyes and dangerous parasites, the little nymph sits, stealthily increasing in size until allotted time is passed, when on some warm evening in late May or early June, together with thousands, if not millions, of its kind it digs its way upward to the upper world, climbs upon a vine, tree, fence, building or what not, and sheds its under-ground coat of horny skin. The insect is at this time in the adult condition.

Now this is all very curious, but it becomes more so when we consider the fact that not one, but millions of the insects seem to be moved by a common impulse to come to the upper world at one time; during their aerial existence, little if any food is taken, the principal occupation being that of egg-laying. The eggs are laid in gashes cut in twigs of trees, and usually in long rows. The eggs hatch and the larvae come from them to the ground where they soon burrow out of sight.

When the insects are very numerous, the eggs are of course laid in great quantities and as the twigs in which they are laid are usually killed, there is often during the growth of the forest, the damage amounts, at most, to a severe pruning but in orchards, especially of young trees, the damage may be very serious.

The brood usually disappears by the first part of July. For these reasons, the insect is feared by any lumberman who fears trees will fail, in places where they were known to occur in 1855, especially as they are found in the orchard stands on ground which was at that time, wooded.

There are twenty-two known broods in the United States. Each brood has a definite area for operations and hence is not harmful. Some of these broods further south mature in thirteen years. The brood due to appear in Illinois, Kentucky, Ohio, Tennessee, Georgia, North Carolina, Virginia, West Virginia, Maryland, Pennsylvania, New York and some other states. There are other broods working in Michigan. One of these is due in 1905, in the lower tier of counties; one in 1911, found at Kalamazoo, and a doubtful one in 1919, found in Cass county.

The insect prefers wooded districts for its operation and is becoming less and less common with the destruction of the forest. Many birds are said to eat it. It is likely to visit us in large numbers but a few times more.

R. H. Pettit.

Athletics.

Thirty-five men responded for baseball and fifty-six for the track team. Time is very limited and the teams have to practice whenever reci-

The following program will be given:

Athletics.

The M. A. C. Chorus will give a musical program in the armory on Friday evening of this week at 8 o'clock. There will be no admission fee. The following program will be given:

A. Farmer Roy Am 1, Chorus.

March.


3. National Anthem. 1... . Chorus.


6. Three Spanish Dances.


The western lambs purchased by the college, have been put in pens and placed under the care of seniors who are doing thesis work in feeding.

M. A. C..

For the faculty, Parrot played the singing game. The following is the line-up:

M. A. C.

Faculty.

Barrows c

Cochrane r

Cooper e

Baskets thrown, Habenclam, 7; Balbach, 4; Cooper, 3; Tower, 1; Reynolds, 2; Baskets from ice: Cooper, 3; Reynolds, 1. Score M. A. C. 48, Faculty 37. Unipire and referee: First half: Johnson; second half: Lown.

The Mises Waterman and Van Loo have for their thesis work, experiments with girdling plants to see if it has any effect on the flower production and the coloration of the flowers remaining on the plants longer. They are working with the carnation, hydrangea and some other varieties, viz., larger flowers or new lotus, the eggs are laid in gasnes cut in the forest, the damage amounts, at most, to a severe pruning but in orchards, especially of young trees, the damage may be very serious.

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M. A. C.
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SUBSCRIPTIONS: - .50 CENTS PER YEAR.

Entered second-class matter at Lansing, Mich.

For various reasons the M. A. C. Record is occasionally sent to those who have not subscribed thereto. A strong hand has been taken on the latter, for no claim is made for it.

The only way, however, to secure the Record Staff.

HOWARD EDWARDS.

H. N. Hornbeck, of the Union Literary Society.

W. R. Wright, of the Olympic Society.

H. N. Hornbeck, of the Adelphic Society.

Communications must be postmarked. The Record Staff should be sent to Howard Edwards, Editor of the Record.

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R. T. STEVENS.

H. N. HORNBECK.

W. R. WRIGHT.

S. H. FRANCISCO.

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The Natural History Society.

At the meeting of the Natural History Society last Wednesday night Mr. R. T. Stevens gave a very interesting and instructive talk on the "Visit to Mount St. Elias in Alaska." The paper will appear in full later.

Mr. F. J. Phillips is at present on tour in the Appomattox and Mounds of Kent County.

There are in all about 100 mounds. Each mound was found of tumuli and mounds forty-six feet high on the most of tumuli, forty-six feet high. They are divided into two classes which is need of a teacher. The first class which was in need of a teacher. The predominant characteristic in the faculty of the College from 1860 to 1880 was Theophilus O. Abbot. He was professor of engineering and English literature and president. He was always to take a class which is need of a teacher. He was a student of the finest grains. His talent was versatile and broad in its nature. He was class-
Mr. Bullock, the first affirmative speaker, spent some time in giving an exposition of the question, laying particular stress on the meaning of the words government, dependent, and people. He treated of our constitutional policy and the meaning of the phrase "consent of the governed."

Mr. Dai, for the negative, cited authority from the Supreme Court to prove that the United States has the right to acquire and rule territory. He contended further that the United States has a moral obligation to perform in governing dependent peoples.

Mr. Dunford on the affirmative took exception to the arguments of the first negative speaker, citing slavery as an instance where the governing of a dependent people worked injury to our national policy.

Mr. Gunson, for the negative, treated the financial phase of the question showing at some length our duty and opportunity in the Orient.

The debate was heard with the closest attention, many from the regular literary societies being present. The affirmative got the decision by a vote of two to one.

Furniture...

<table>
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<td>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.</td>
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