AGRICULTURAL COLLEGE.

The following article was published in the Detroit Tribune, Dec. 10.

"Ever been to the State Agricultural College? If you have not, you can buy a return ticket for the round trip, though not less than one and one-half cents per mile where regular fare is not made up to one mile, have been made on all Michigan railways. In the lower peninsula tickets will be sold Dec. 25 (evening trains), and Dec. 29 and 30, with a return limit of Jan. 15. In the upper peninsula they may be sold Dec. 28, with a limit for return of Jan. 2.

Many M. A. C. alumni and college people will attend this meeting and a reunion should be arranged. The program promises to be a good one. H. R. Patterson is president of the association.

HORTICULTURAL SOCIETY.

The State Horticultural Society holds its annual meeting at Traverse City, Jan. 3 to 5, 1904. The program contains 25 addresses, among which M. A. C. has the following: Michigan Agricultural at the St. Louis Exposition—L. L. Dean. The San Jose Scale Problem in Michigan—Prof. L. R. Taft. Future of Michigan Fruit Raising—Geo. A. Hawley, '92. Gleanings from the Boston meeting of the American Pomological Society—Prof. L. R. Taft. The Northern Michigan Apple Orchard—W. S. Packard. The culture and Agriculture—E. O. Ladd, '97. The program promises to be a good one. The M. A. C. Record.

ALUMNI.

With '85. F. B. Dickerson, postmaster of Detroit, is contemplating publishing a Farmer's Ready Reference. He has written to M. A. C. for certain articles and will issue a valuable book, which will undoubtedly have a large sale.

With '96. Miss Nancy MacArthur, of the literary department in the University, is visiting her sister, Mrs. G. Masselink, during the holiday vacation.

With '00. H. B. Gunther, who is with the Edison Illuminating Co. of Detroit, visited M. A. C. a little time ago. He was well and found his work very agreeable. He reported L. B. Lattell, '01, well and as being pleased. Dusen Dus Dus, the American Bridge Co., of Detroit.

With '03. Miss Lony Monroe has been trav- ing in the west during the summer. While in Berlin, she met unexpectedly Dr. J. W. Rigterink, '97, who was then on his way to Vienna, Austria. Hon. C. J. Monroe left Europe recently, where he expects to spend some time visiting points of interest.

A commendatory notice of some kind is due to Dr. E. W. Ben- nett of St. Louis, Conn., on diseases of melons appeared in the December issue of the Rural New Yorker. While in Berlin, she met unexpectedly Dr. J. W. Rigterink, '97, who was then on his way to Vienna, Austria. Hon. C. J. Monroe left Europe recently, where he expects to spend some time visiting points of interest.

With '06. An advertisement of the Michigan Agricultural College, for the Department of the Chicago & N. W. R. R. He resides at 297 Washington Boulevard but spends most of his time inspecting the road.

With '07. Miss Mary Monroe has been trav- ing in the west during the summer. While in Berlin, she met unexpectedly Dr. J. W. Rigterink, '97, who was then on his way to Vienna, Austria. Hon. C. J. Monroe left Europe recently, where he expects to spend some time visiting points of interest.

With '08. Dr. Corydon Polk Cronk, for ten years in charge of the Baltimore Public Bureau, died Dec. 16. He had been ill for several months. Dr. Cronk was born at Floss, Mich., 50 years ago. After graduating at M. A. C. he went to Washington, where he followed a course of med­ cine at the Columbian University, obtaining his degree of doctor of medicine in 1895. He next took a post-graduate course at the Johns Hopkins Medical School. Subse­ quently he became observer in charge of the United States Weather Bureau in Baltimore. While he had supervision of the bureau the Maryland state weather service was organized andDr. Cronk became chief of that service in conjunction with his other work. He was trans­ ferred to Cape Henry station six years ago. There he also had charge of the telegraph service be­ tween Cape Henry and Cape Hatteras. Dr. Cronk resigned his post last September, and had since made his home at Cape Henry, Dr. Cronk was a member of the War Department, the American and of the Journalist's Club of Baltimore. He married Miss Carrie Patterson of Detroit, Mich., in 1886. His widow, and a son, Corydon Patten Cronk, who is a student at the Twentieth Institute, at Port Deposit, survive.

STATE TEACHERS' ASSOCIATION.

The fifty-first annual meeting of the Michigan State Teachers' Association will be held in Ann Arbor, Dec. 31. The railroad rates of one fare for the round trip, though not less than one

The Mac Record

Michigan State Agricultural College

Vol. 9.

Lansing, Michigan, Tuesday, Dec. 22, 1903.

No. 14

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PUBLISHED EVERY TUESDAY DURING THE
SESSION BY THE \THE UNIVERSITY OF MICHIGAN STATE AGRICULTURAL COLLEGE.

EDITORS.
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TRUESDAY, DEC. 22, 1903.

ALUMN.

CRAMP'S SHIPYARD.

The first important U. S. warship built at Cramp's was the "Uronides." She was 250 feet long, 36 feet 6 inches beam, 16 feet draught and 5,000 tons displacement. She was ship-rigged, her engines were of 1,500 horse power and had a speed of 11 knots. She was protected by a 4-inch iron platting and was in action against Fort Sumter during the seven months previous to the signing of the contract to build her. She was in over 20 battles during the Civil War and lost only a port shutter.

The most recent ship built at Cramp's for the U. S. navy are the "Colorado" and "Pennsylvania." The Colorado and Pennsylvna are sister ships, being about 65 per cent completed, and will probably go in commission in about a year. They are 502 feet long, 69 feet 6 inches beam on L. W. L., 24 feet 6 inches draught at 15 inches displacement and 22 knots speed. The boilers are of the Niclausse type and the estimated horse power of engines is 23,500.

The electric plant consists of three 100 K. W. sets and four 50 K. W. sets, 125 volts. There are 200 16 C. P. incandescent lamps, 12 arc lights, 6 search lights, 2 track lights, 8 lanterns, 2 signal lights near the ends of the boats and about 30 desk small fans.

At the present time, the majority of the auxiliary machinery, outside of the engine and boiler rooms, is driven by electricity. On these ships the electric auxiliaries consist of one laundry motor, one motor for machine shop, 2 fresh water pumps, 7 deck winches, 4 boat cranes, 26 blowers, 34 ammunition hoppers, 35 water tight doors and hatches, and 16 motors in each of the two 8-inch turrets. The horsepower ranging from one-half for the No. 1 monogram fans, 50 for the hoisting motors of the forward boat crane.

The main battery consists of four 10-inch guns and four 6-inch guns. The 8-inch guns will be mounted in two electrically operated turrets, forward and aft, the motors being operated by the Ward Leon­ard system of control.

Both ships are fitted as flag ships, with accommodations for 750 crew and 45 officers. Hence it is seen that they provide the necessary militar­

Yard on the ground that is now


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lighting, hospitals, store rooms for

provisions and repair materials, be­

sides coal and ammunition capacity, the

problem is not small.

Hugh and Fred Baker are spend­

ing their vacation gathering materi­

al in the Stalling, Hanson Co.'s camps

about Grayling, Mich., for a report on

hunting camps as a part of their

work in forestry in Yale Uni­

versity. G. E. Tower from the

University of Michigan, is now in

Washington, compiling a report of his

summer's work on proposed

federal reservations.

Bromson Barlow, assistant bacteri­

ologist at the Ontario Agricultural College, states that his work and

surroundings are pleasant. New

apparatus and chemicals have

been added to the department and a new

building will probably be construct­

ed.

The military department has four

large companies captured by Men­

ars, Taber, Dodge, Adelman and

Merritt. The spirit has been excel­

lent all fall and a great deal of en­

thusiasm has been present. Major

Vernon has given a series of lectures on Marches of Armies, Camps, Camp Hygiene, Organization of U. S. Army and Volunteers, Advanced Guards, Patrols and Outposts. The training has been

progressive and the officers have not

been shut out. The officers have been

bending every effort in that direc­tion and have succeeded re­

markably well in spite of serious

obstacles.

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Jewett & Knapp,
222, 224 Washington Ave. S.
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ABOUT THE CAMPUS.

Mr. Bachelor, the superintendent, notified the faculty that hereafter they would not be permitted to dislocate their wrist in playing basketball last Thursday evening.

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however was centered around the main judging pavilion where the large crowd of red, roan, black and white faced cattle were contesting for the honors, some however, were so fine that the judge and his array of draft horses were being exhibited and others again at the sheep and swine rings.

On Tuesday morning the party visited Swift & Co.'s packing plant where they were shown all the process of slaughtering, dressing, inspection, meat cutting and preparation for market. They visited various departments in which all the by-products were being converted into salable articles. Such as fertilizer, stock food, glue, soap were also visited. The real modulator of the day was spent at the ring side.

The following morning the party visited the stock yards going first through among the carload exhibits of live stock and then into the yards where the buyers and sellers of butcher were transacting business. The next place visited was the "rally" in which feeders were shown for sale. Convenience and convenience was spent here in connection with the quality of live stock offered and the methods of feeding, selling, shipping, etc. Visits were also made to the sheep and so be found where the great stock show in Chicago last month stayed in Chicago most of the boys were enabled to see the operations of the Fair Exchange and visit some noted mercantile and industrial establishments.

The trip was an exceedingly profitable one. A number of the boys who are the future farmers and stock raisers were enabled to see the business methods and operations of the large live stock establishments. The trip was an exceedingly profitable one. A number of the boys who are the future farmers and stock raisers were enabled to see the business methods and operations of the large live stock establishments.