

THE M·A·C· RECORD

VOL. XX

TUESDAY, DECEMBER 8, 1914.

NO. 11



AGRICULTURAL BUILDING

Published by
The MICHIGAN AGRICULTURAL COLLEGE ASSOCIATION
East Lansing, Michigan

DIRECTORY

Lansing Business and Professional Men

THE names in this Directory, as well as those of all our other advertisers, are of reliable parties. We hope the faculty and students will patronize those who patronize us.

A. M. EMERY

116 Washington Ave. N.

Books, Fine Stationery, Engraved Calling Cards, Fountain Pens, Pictures, Frames. Fine Framing a Specialty. Calling Cards printed promptly, \$1.00 per 100.

CROTTY BROS.

206 No. Washington Ave.

Stationery, Books, Bibles, Fountain Pens, Diaries for 1915, I. P. Note Books.

BLUDEAU & SIEBERT

Bookbinders, Account Book Makers, Paper Ruling, Library and Fine Art Bindings, File Boxes, Map Mountings, Albums, Pocket Books, Etc.
Citizens' phone No. 480. In City National Bank Building.
Geo. G. Bludeau and Henry H. Siebert.

LOUIS BECK COMPANY

112 No. Washington Ave.

Correct Clothes, Up-to-date Hats and Caps, Classy Furnishings.

H. H. LARNED

CHINA, GLASS AND LAMPS

105 Washington Ave. S.

J. E. STOFFER, D. D. S.

Office 203-5 City National Bank Bldg.

Automatic Phone 2361

Bell Phone 61

NORTON'S HARDWARE

General Hardware, Tinware, Graniteware, Cutlery, Stoves, Etc.

111 Washington Ave. S.

See Ad.

MRS. O. T. CASE

Manufacturing all styles of Hair Goods to order, and Hair Goods Shop. Old switches enlarged, colored and renovated to look as good as new.
The Franco-American Hygienic Toilet Requisites a specialty
Automatic phone, No. 3451. 214½ Washington Ave S.

DR. OSCAR H. BRUEGEL

Cor. Michigan Ave. and Grand River Ave., East Lansing.
Hours: 7 to 8:30 a. m.; 2 to 4 and 7 to 8 p. m. Sundays, 12 to 1 and 5 to 6 p. m. Citizens' phone 1344; Bell 625.

DR. H. W. LANDON

East Lansing, Mich.

Office hours: 7 to 8:30 a. m., 1 to 3 and 7 to 8 p. m. Sundays, 12 to 1 p. m. Citizens' phone 9228.

DR. J. S. OWEN

EYE, EAR, NOSE AND THROAT

15 W. Allegan St., Lansing.

Citizens' phone 473.

ALLEN & DE KLEINE PRINTING CO.

128-130 Ionia St. west

Printing, Typewriters, Adding Machines, Office Supplies, Programs, Engraved Cards, Filing Cabinets, Sectional Book Cases.
Bell 1094 Automatic 3436.
Special care given to M. A. C. and its students.

A. E. OWEN, M. D.

128 W. Allegan St., Lansing, Mich.

EYE, EAR, NOSE AND THROAT.

DR. C. A. GRIFFIN, Osteopath

424 Tussing Bldg., Lansing

328 Grove St., East Lansing

Automatic phone.

Student rates.

CAPITOL ELECTRIC SUPPLY CO.

ELECTRIC SUPPLIES OF ALL KINDS

Latest Improvements in Reading Lamps, Tungsten Lamps, Shades, etc. Motors and Generators.

117 Michigan Ave. E.

Alumni Business and Professional Directory

PAGELSEN & SPENCER

PATENTS, PATENT LAW, TRADEMARKS

1107-10 Chamber of Commerce Bldg., Detroit, Michigan

E. N. Pagelsen, '89

L. M. Spencer, '06

Formerly Examiners U. S. Patent Office.

DR. E. A. SEELYE, '04, Osteopathic Physician

300 Prudden Bldg., Lansing. Hours: 9 to 11:30 and 1:30 to 5.

Special attention given to rectal diseases.

KUMBOSS!

KUMBOSS!

KUMBOSS!

Holsteins, of course.

KUMBOSS HOLSTEIN FARM, Howell, Michigan

J. G. HAYS, '11, Proprietor.

Every time you call your cows you advertise my farm!

GOODSELL, ZELIN C. (Forestry, M. A. C. '11)

INSURANCE AND BONDS OF EVERY KIND

If you haven't insured your salary, better see or write Goodsell about a good proposition.

LANSING INSURANCE AGENCY, Inc., 110 W. Michigan Ave., Lansing, Mich.

ORNAMENTAL NURSERY

Our nursery stock is "Made in America." We handle hardy trees, shrubs, evergreens, vines, and perennials.
No war prices on landscape plans.

R. J. CORYELL, '84

RALPH I. CORYELL, '14

Birmingham, Mich.

BETTER PAINT-DIRECT TO YOU

WEST CHEMICAL & PAINT CO., Springport, Mich.

R. J. WEST, ex-'05

W. H. WEST

West pays the freight

Invitations Programs
Cards Announcements
Personal Stationery

Engraved or
Printed

Always a selection of the
latest styles and the new-
est features conforming
to correct social usage

Orders sent in by mail receive our most
careful attention

Robert Smith Printing Co.
Lansing, Michigan

THE M·A·C· RECORD

VOL. XX.

EAST LANSING, MICHIGAN, TUESDAY, DECEMBER 8, 1914.

NO. 11

HORTICULTURE STUDENTS CONTEST AT THE STATE MEETING OF HORTICUL- TURISTS.

The annual meeting of the State Horticultural Society, held last week at Kalamazoo, is the occasion of much interest to students in horticulture at M. A. C., for this society has appropriated \$60 to be given as prizes for contests in speaking and fruit identification and judging. This year twelve seniors competed in the speaking contest, which was won by D. A. Stroh, who took for the subject of his five-minute speech, "Two Common Scales, and Their Control." G. W. Cochrane won second place, with "Michigan's Need of an Apple Packing Law." Third prize was given to K. P. Bemis, who talked on "Raising Bartlett Pears in the Northwest." In the fruit identification and judging contest all the hort. students participated. D. A. Riker won the first prize of \$15; F. L. Bloom, second, \$10; P. S. Armstrong, third, \$5.

On the return trip from Kalamazoo, the students, with Prof. Gunson and Prof. Eustace, stopped at Marshall to visit Stuart Acres, managed by J. Glenn France, '11. This farm consists of 1,600 acres, 400 of which are set to fruit. France went directly to this place upon graduation, and since has built up a fruit farm which is the envy and marvel of fruit men in the state. He has designed and superintended the building of a combined cold storage, packing house, and cider mill, installed same with equipment of his own planning, and is now buying apples by the carload to store for better prices.

A notice has just been received from St. Louis, Mo., in which the work of Mary Maiben Allen ('09), eminent contralto with the Henneman School of Music, is spoken of in the following glowing terms, in connection with the convention of the Missouri Music Teachers' Association: "The most notable performance was the singing of Miss Mary Maiben Allen. Grieg, McCoy, Rubenstein, and Schubert were the composers represented. The last number, 'The Erlking,' was given a magnificent interpretation."

"Bob" Gilham, ex-'11, was a campus visitor last week, also "Fig" Newton, '11, who is planning to start soon for the Philippines where he will work with E. G. Hoffman, '10, on his new rice milling project.

FORESTRY EXHIBITION.

The students in forestry have been working nearly all term on the forestry show that is to be held the afternoon and evening of the 11th and the afternoon of the 12th of this month. From the interest that has been shown, and the amount of material already collected and constructed, this first exhibition will be an unqualified success. The following features will be shown: Model national forest; tree dentistry, showing in detail the methods of repairing trees, the ideal rural school planting; wood finishes and process; distillation of wood; river driving with the types of gates and dams; summer school exhibit, showing equipment and student activities; camp cookery; forest products; saw exhibit; working model of erosion; specimens of the various trees in United States; tree diseases; woodlot management; devices used in logging operations. There will also be a complete collection of views of various forest operations, and another attractive feature will be a small sawmill in operation. Besides this, short lectures, illustrated with hand-colored lantern slides will be given upon such interesting topics as "Logging the Giant Trees of California," "Forest Fires," and "River Driving."

SHORT COURSE FOR HOUSEKEEPERS.

While the regular eight-weeks' short courses in agriculture, from January 4th until February 26th, are quite generally known, the information concerning this "Short Course for Housekeepers" is not as widespread as it should be. Last year was the first time this course was given, and when it is taken into consideration that comparatively little publicity was given to it, the enrollment of 21 in the work seems to indicate that another very meritorious activity has been taken up. The required courses in home economics are three in number, as follows: (1) The Home, in which home planning and decoration, home management, home nursing, and home reading are considered; (2) Cooking; (3) Sewing. Besides the elective courses in gardening and poultry that were offered last year, courses in dairying and apiculture will also be given. At the completion of the course a certificate of attendance is issued. More detailed information will be sent out upon request.

Harold H. Barnum, '12, and Gertrude R. Price were married, in Lansing, December 3d.

THE M. A. C. RECORD

PUBLISHED EVERY TUESDAY DURING THE COLLEGE YEAR
BY THE MICHIGAN AGRICULTURAL COLLEGE
ASSOCIATION.

Entered as second-class mail matter at the Post
Office in Lansing, Mich.

C. S. LANGDON, '11 - - - Managing Editor.

SUBSCRIPTION PRICE, \$1.00 PER YEAR.

Subscriptions may be paid for by P. O. Money
Order, Draft, or Registered Letter. Stamps will not
be accepted.

Address all subscriptions and advertising matter
to the M. A. C. RECORD, East Lansing, Mich. Address
all contributions to the Managing Editor, East Lan-
sing, Mich.

TUESDAY, DECEMBER 8, 1914.

ANNUAL JUNIOR HOP.

The recent decision of the junior co-eds to make the 1916 Junior Hop, on February 26th, a "cotton party," at which the girls will wear simple muslin frocks, "made at M. A. C.," seems to point to the fact that there is a good deal of initiative in this class that will be put to making this Junior Hop the best one of all, but in an entirely different way than most classes see fit. It surely is a worthy move to try to do something better than your predecessors, but it seems that this is much more worthy than falling into the usual custom of making a better party by more costly decorations and more expensive dress. This move, coming at a time when the whole country is thoroughly aroused to the need of co-operation of the different sections of the country, of which the "buy a bale of cotton" movement is a tangible expression, proves that these students do take cognizance of what is going on in the outer world, and also realize that simplicity will set off the natural beauties of face and figure better than do frills and furbelows. We hope that a precedent is hereby established, for we believe that this is a worth while departure.

* * *

A SUGGESTION.

The press is full of Christmas suggestions these days, and with only one more number of the RECORD before the holidays, it seems very desirable to suggest that when you send in your dollar for renewal, you inclose another therewith, and indicate some college friend of yours who likes to pick up your paper when he comes in, as a recipient for the RECORD for the next year. There are a great many alumni and former students who are not subscribers, needless to say, whom we know would greatly enjoy looking through the columns of the RECORD, and "once a subscriber, always a subscriber." If this isn't true, you haven't done your duty towards these columns. And if you do not know of some one in the position indicated, the editor will see that a year's subscription is given to some worthy alumnus whose influence we need in the Association.



M. M. McCOLL, Head of Soils Dept.

Howard Evarts Weed, '89, was recently in San Francisco, platting the ground of the Oregon building at the Exposition. This building is of a distinct character, in that everything in and about the building is of "made in Oregon" material. The trees and shrubs on the grounds are all natives of Oregon, and came from the Weed Landscape Nursery, at Beaverton, Ore.

Mary Ellen Ireland, a nine-pound girl, took up the position of manager (not housekeeper) in the home of Capt. Mark L. Ireland, Coast Artillery Corps, U. S. A., '01, and Mrs. Irma G. Thompson Ireland, '00, at Fort Mills, Corregidor, P. I., on August 21, 1914. Corregidor is the American Gibraltar, an island about one mile by three and one-half miles in size, at the mouth of Manila bay. Capt. Ireland commands one of the coast artillery companies stationed there.

D. W. Francisco, '14, is at present carrying on an advertising campaign and investigation in several Michigan cities for the California Fruit Exchange. Don spent the latter part of last week at the college.

ALUMNI NOTES.

D. D. Cushman, '14, is principal of the high school at Frankfort, Mich.

Ruth Normington, '13, is teaching domestic science and art in Colfax, Ia.

H. H. Bradley, '13, is with the Michigan United Traction Co., at Jackson, Mich.

K. S. Clark, '14, is now with the Lincoln Memorial University, of Harrogate, Tenn.

Clara M. Steele, '98, is a graduate student in the home economics department of Cornell.

Vern C. Schaeffer, '11, is farming at Sturgis, Mich. Mrs. Schaeffer was Betty Dorgan, with '15.

D. G. Hack, '13, is working in the production department of Chalmers Motor Co., of Detroit.

Catherine Koch, '09, a graduate student at Cornell, lives at Graystones, Cayuga Heights, Ithaca, N. Y.

F. C. Reimer, '03, is superintendent of the Southern Oregon Experiment Station, at Talent, Oregon.

O. M. Elliot, '11, is with Mason L. Brown & Co., of Detroit, civil engineers and landscape gardeners.

The death of the mother of C. D. Sterling, '05, occurred November 27th, at 248 Lothrop Ave., Detroit.

P. I. Allen, '13, is nurseryman and landscape gardener, with his office in the Cutler Building, Rochester, N. Y.

G. F. Conway, '11, is general manager of the Lansing Stamping & Tool Co., with residence at 110 W. Maple St.

M. B. Kurtz, '14, writes that he is engaged as assistant in the Experiment Station of the University of Redlands.

Willgert Reiley, '13, has resigned his position in Door county, Wis., and is now on the home farm, at Bellaire, Mich.

F. L. Johnston, '05, is mechanical engineer for the Western Chemical Mfg. Co., of Denver, Col., with residence at 211 S. Downing St.

H. D. Severance, '03, C. E., '13, is city engineer of Monterey, Cal., and also of Pacific Grove, Cal., and licensed land surveyor of the state.

The marriage of Mary J. Bray, '06, to Robert Hammond occurred November 25th. Mr. and Mrs. Hammond will live near Okemos, on a farm.

L. R. Dorland, '07, wishes to have his address changed from Friendswood to Houston, Texas. He is deputy inspector of orchards and nurseries for the state.

The home of C. E. Swales, '05, at 646 East Grand Boulevard, Detroit, was entered November 27th, by a burglar who had too squeaky shoes for the trade, and he was detected by Swales, who appeared with a revolver, and the burglar hastened away without the box of jewelry, valued at \$2,675. He did, however, get away with a watch and Masonic pin.

R. M. Norton, '01, was a college visitor last Tuesday. Norton is now located in Port Huron.

P. B. Pierce, '04, is with the Weis Manufacturing Co., of Monroe, Mich. It will be remembered that Mrs. Pierce was Alta Gunnison, '05. Mr. and Mrs. Pierce live at 353 Cass St., Monroe.

The following extracts are taken from a letter from K. S. Clark, '14, who is teaching agriculture at Lincoln Memorial University, at Cumberland Gap, Tennessee: "This school lacks a whole lot of being of university caliber. The students come in at any and all seasons of the year. The only laboratory I have is the farm itself, and the farm buildings. There are 600 acres of farm land, mostly set up on edge, which gives it added value, in that both sides can be farmed. The soil is dark red clay, and very productive. Fruit trees and small fruits of all kinds grow in profusion, and I see no reason why this region cannot be developed into one of the best horticultural regions in North America, and that is what I'm going to try and do. It is up to me to make the farm support the student boarding clubs, besides teaching classes in animal husbandry, horticulture, feeds and feeding, etc., to students who have not the foundation knowledge of arithmetic and botany. I see a mountain of work ahead of me, larger than any in the Cumberland range, but I'm going to climb it if possible, and I see a lot of pleasant experiences ahead of me with these people, who are the only 'real Americans,' having been shut in and cut off from outside influence since the days of Daniel Boone and David Crockett."

Some more good reports come from the Penn. State game. A. J. Anderson, '05, editor of the *Pennsylvania Farmer*, writes the following letter: "The readers have long since learned the result of the game. I think, however, that many loyal supporters of the Big Green will be interested in knowing something of the way the team, band and crowd of rooters were received on their first invasion of the East. The fact that there was a special train, carrying a crowd of 110 rooters and the band accompanying the team is an indication of the change that has taken place at M. A. C. in the last ten years. We fellows of '05 remember the troubles we had in taking a crowd to Albion, and we remember more painfully how all-fired hard our teams had to play to beat Alma. I was still nursing the wounds of some of those defeats at the hands of the preachers until I saw some of the contempt in which the present M. A. C. crowd holds our old rivals. And we used to fear that the band was a hoodoo; a jinx that always stood in the way of victory. The present band is the best advertisement that any college could have, and it is admitted to be the best seen at an eastern football game this fall. But, best of all was the clean game and high standard of sportsmanship shown by players and rooters. The team and the crowd made an enviable reputation for the college, which will be of material value in years to come, when it is to be hoped that other M. A. C. teams will win other victories from the eastern colleges."

IF there is anything you need for Christmas kept in a Hardware, we have it—and want your trade.

**Norton's
Hardware**

FOUNTAIN PENS

*Waterman's, Parker's,
Mercantile, Etc.*

\$1.00 to \$6.00, all guaranteed

—AT—

COLLEGE DRUG & GROCERY STORE

Full line of Everything. Agents for Star Laundry. Electric Supplies.

ANDY'S BARBER SHOP

Same old Cut-ups—and then some (shoes shined)

Basement of College Drug & Grocery Co.

LOOK FOR THE SIGN — H. A. SIAS

Close at 6:15.

HOTEL WENTWORTH

250 ROOMS

European Plan—\$1.00 up.

Special rates to M. A. C. Students on Friday, Saturday and Sunday.

If Experience and Equipment Count

We have both—In business since 1891

FRENCH DRY CLEANERS, DYERS AND TAILORS

A. G. BISHOP

114-16 Washtenaw W.

Both Phones

FOR A STUDENT

Working his way through college

A REMINGTON TYPEWRITER

Is the best money maker. We rent visible Remingtons at \$2.50 per month. \$5.00 applies on purchase price.

REMINGTON TYPEWRITER CO.

Phones: Bell 873
Citizens 9585

211 Prudden Bldg.
Lansing, Mich.

Visit our Candy Department

You'll find the best to be had in bulk and package goods.

Our **Saturday Special** at 29c per pound cannot be duplicated in the city.

C. J. ROUSER DRUG CO. 123 S. Wash. Ave.

MONOGRAMS AWARDED FOR GRIDIRON STRUGGLES.

Fourteen men were given M. A. C. monograms last Friday and seventeen awarded the R for the past season's work. Blake Miller was chosen as captain for the 1915 team. The following is the list of men who received the monogram: Capt. Julian, Blake Miller, Hewitt Miller, Dutch Miller, Jerry De Prato, Frank Chaddock, L. F. Vaughn, H. M. Straight, VanDervoort, Smith, Ralph Henning, Hugh Blacklock, C. E. Loveland, L. A. Cobb. The men selected for honor as reserves are: Coryell, McWilliams, Hamill, Brownfield, Dan Henry, Murphy, Brown, Beatty, Kurtzworth, Oviatt, Johnson, Childs, Frimodig, O'Callahan, Fick, McClellan, Hutton. Hutton would have won his monogram, without a question, had it not been for an injury early in the season that kept him out of the play almost entirely. All but six of the above men are slated to be back next year. Carp Julian and Dutch Miller will be the ones of these whose places will be hardest to fill. Cobb and Loveland are the other monogram men to graduate and Hutton and Dan Henry are the outgoing reserves.

TAU BETA PHI INITIATES

Six men were honored last week by being chosen as members of the Tau Beta Phi fraternity. The junior to receive first honor in his class is W. H. Betts and the seniors are E. M. Young, R. V. Lester, R. W. Covey, W. G. Hildorf, and R. F. Giffels. The public initiation occurred last Thursday, and the main stunt of the day was to set up a gasoline engine in front of the engineering building and make it run, the latter of which took some three hours. An efficiency test was carried out by which it was found that the engine developed 5.46 H. P. with an overall efficiency of 14.04 per cent. The new men were banqueted Friday night at the Wildwood, after which the following were called upon by Prof. Vedder to respond to toasts: Dean G. W. Bissell, "The Sphere of the Honorary Fraternity;" S. M. Dean, "What Tau Beta Phi Means to Me;" George Gauthier, "Fraternalism." Alumni members present were Gauthier, '14, and Dillman, '13.

Francis Kiefer, '08, is forest supervisor of the Ozark National Forest, with headquarters at Harrison, Ark. This is one of the most important of the 163 National Forests, as it contains the largest body of white oak existing under one management—over 500,000,000 board feet. Sixteen men, under civil service appointment, have charge of this tract of 450,000 acres. Six are district rangers, four are timber sale assistants, and six are attached directly to the supervisor's office at Harrison.

W. W. Lankton, '14, is employed in the electric department of the Solvay Process Co., of Detroit, and is living at 562 25th St.

NEWS AND COMMENT.

Prof. A. J. Patton addressed the Farmers' Club last week, on fertilizers.

The Phylean's held a Ten O'Clock in their rooms last Saturday night with about 60 present.

The engagement of Coach John Farrell Macklin to Miss Phoebe Weaver, of Philadelphia, has been announced.

The State Bee Keepers' Association meets at the Entomology building this week Wednesday and Thursday.

The Columbians held their fall term party in the Ag. building last Saturday night. Prof. and Mrs. Shoesmith and Prof. and Mrs. Rhyder were patrons for the evening.

Word has been received of the birth of a daughter, Gretchen, to Mr. and Mrs. Otto Rahn, both formerly connected with the bacteriological department here, now in Germany. Mrs. Rahn was formerly Bell Farland, '06.

The meeting of the Forestry Club last week was one of the most successful of the year. Prof. Sanford read several letters from men in the field, and Gilson talked on logging.

Miss Bertha M. Ronan, who taught here during the school year of '98-'99, was a recent visitor at the college. She is now at Mt. Pleasant Normal, as instructor in physiology and physical education.

The M. A. C. Veterinary Medical Association held a very interesting meeting last week, when Prof. A. C. Anderson talked on the different types of Switzerland dairy cattle, with emphasis upon their methods of developing, and also their methods of registration. G. L. Caldwell, '15, is president of this association, and C. S. Burgett, '17, secretary. The next meeting will be held December 9th, when T. W. Churchill, '15, will read a paper on "The Physiologic Effect of Certain Drugs."

H. E. Truax, '13, judged the horticultural exhibits at Arkansas State Fair at Hot Springs last week. Truax has been out on a diversified farming campaign, and has been boosting all lines of agriculture, as well as horticulture. He advocates the "buy a bale" plan, the "buy a barrel" idea, the "buy a bull" movement, and also says he still supports the "get a wife" idea. He's had one some weeks.

Mr. and Mrs. George W. Stroeel, of Schenectady, N. Y., announce the birth of George Fowler Stroeel, Nov. 24th. Weight, eight and one-half pounds.

NORTHWESTERN TEACHERS' AGENCY

We are greatly in need of teachers for emergency vacancies of the early autumn, which offer the best opportunity for promotion. The leading Agency for the entire West and Alaska. BOISE, IDAHO.

THE MILLS STORE

The HEART OF LANSING

About time to buy your

Christmas Gifts

Come and see what this,

The Bountiful Christmas Store

has to offer. If it is for Mother, Father, Wife, Sister, Best Fellow, Sweetheart, or just a friend, we have it here, in either

**Coats, Suits, Skirts, Waists, Dresses,
Silks for Dresses, Gowns or Waists,
Wool Goods for the same purposes,
Fancy Neckwear for the Ladies,
Silk Hose for either Men or Women,**

besides hundreds of other useful things suitable for holiday gifts.

Let Us Feather Your Nest

The
**Hoover-Bond
Company**

FURNITURE

CARPETS

STOVES

Makers of Happy Homes

ALUMNI NOTES.

U. S. Crane, '11, fruit raiser at Fennville, Mich., sends in his contribution and best wishes.

P. B. Haines and "Ted" Tinker, '13, are in attendance at the Yale Forest School, New Haven, Conn.

Ernest H. Burt, '14, received a scholarship in the Yale Law School, and reports that he is enjoying the work very much.

The engagement has been announced of Maxwell J. Dorsey, '06, to Miss Jean Muir, of Winnebago, Minn., the wedding to take place early in December.

C. R. Winegar, '92, was in Lansing last week. He is traveling for Bradner, Smith & Co., paper makers, of Chicago, and lives at 82 Frederick Ave., Detroit.

A. MacVittie, '11, teaching agriculture in the Bay City Eastern High, in getting away from stereotyped science for beginners, is giving some practical work in food adulterations, and is making himself useful to the city, other than his teaching, by conducting a city gas analysis.

The name of John P. Finley, '73, should have been included in the list of those present at the recent banquet in Washington. Not long after graduating, Finley entered the weather service, where he did fine work, but gradually merged into the military service. Later he went to the Philippines and tamed the Moros.

Lawrence & Van Buren Printing Company

210-212 Grand Ave. North

They're not short-lived The Jerseys



In 1913 eighteen Jersey cows were officially tested which averaged 12 years and 7 months of age. Their average milk production was 8617 pounds. Average butter fat, 387 pounds. One of these cows was over 18 years old.

Longevity, Constitution and Economic Production are Jersey characteristics.

THE AMERICAN JERSEY CATTLE CLUB
324 W. 23d St., New York City

The following is an extract from a letter recently received from J. N. Bidwell, '10, who is with the California Highway Commission, with residence at 2115 First Ave., W. C. O., Sacramento, Cal.: "We are very fortunate in having for a neighbor Prof. A. J. Cook, '67, and we occasionally see E. H. Bradner, '69, from whom we hear very interesting reminiscences.

L. G. Johnson, '11, is acting as manager for a lumber company here, and as those who knew him in school can easily imagine, he is interested socially. Our baby Jack has been with us for six months, and has developed a great assortment of vaudeville stunts to entertain our friends whom we hope to see during 1915. We sincerely hope they will not forget the number."

O'CONNOR

Sells the Famous

Kuppenheimer and Steinbloch
Smart Clothes
Manhattan Shirts, and
Stetson Hats



EVERYTHING THE BEST IN TOGGERY



There's a Big Difference in Silage

The succulence and palatability of perfect ensilage produces maximum results at a low feeding cost. No other feed contains as much "succulence value" as well preserved ensilage. It is the most economical feed for summer as well as for fall and winter. But there's as big a difference in silage as there is in silos. Build your silo of material that lasts for generations and keeps ensilage as fresh and succulent—all the year—as the day the corn was cut. Erect a

Natco Imperishable Silo

The silo that's made of vitrified hollow clay tile, whose glazed surfaces do not absorb the silage juices, and admit no air from without. No freezing. Reinforced by continuous steel bands. No swelling, shrinking, warping or cracking. No repairs, no painting, no adjusting. Stops silo troubles forever. Write to nearest branch office for list of owners in your State, and for catalog 43.

National Fire Proofing Company
Organized 1889 **Pittsburgh, Pa.**

Syracuse, N. Y. Bloomington, Ill. Philadelphia, Pa.
Madison, Wis. Lansing, Mich. Huntington, Ind.

"The Silo That Lasts For Generations"