

The M. A. C. RECORD.

MICHIGAN STATE AGRICULTURAL COLLEGE.

VOL. 9.

LANSING, MICHIGAN, TUESDAY, OCT. 13, 1903.

No. 4

M. A. C. 11, ALMA 0.

For the first time in four years M. A. C. defeated Alma in a stubborn contest. Alma kicked off and Hahn returned the ball several yards. Millar, Hahn and McKenna were given the ball and it was gradually advanced to Alma's 25-yard line. Here the ball was lost on downs. Alma was forced to punt, and the ball was brought to her 3-yard line. Again the ball was lost on downs, but Alma was unable to advance it. A punt gave M. A. C. the ball on Alma's 45-yard line. Hahn made a touchdown after the ball had been carried to the four-yard line. McKenna missed the goal. Remainder of half the ball was near the middle of the field.

In the second half Alma had the ball and carried it about 40 yards. M. A. C. got the ball on downs and held it in Alma's territory all the time. Several times the ball was within scoring distance, but Alma fought like tigers. Finally McKenna scored on a quarterback kick and kicked goal after a difficult punt-out by Small.

Line-up: Decker, c., Case, l. g., Bell, l. t., Millar, l. e., Peck and Shaw, r. g., Kraz, r. t., Ashley, r. e., Small, q. b., McKenna and Lampke, r. h., Hahn, l. b., Doty, f. b.

Millar made the longest gains of either team. Small showed excellent generalship. M. A. C. only had two tricks and both worked. Fake-kick netted 55 yards by McKenna. Alma tried a criss-cross but Ashley tackled for a 15-yard loss.

Kalamazoo defeated Hillsdale 33 to 0 and Olivet 30 to 0. Her goal line has not been crossed. The game next Saturday will belong to the championship class.

A NEW SOCIETY.

Owing to the large increase in the number of students there is room for an open literary society. The object will be to give students an opportunity to secure additional practice in public speaking, get acquainted and have some place to spend the evening. The social features will be made as strong as possible. A piano can be obtained. In order to further determine the feeling on this question a meeting will be held in the armory on Friday evening at 7:30. Let all non-society students attend. New students are especially invited.

DEBATING CLUB.

The meeting last Thursday was well attended and full of interest. The question was, Resolved, That the membership of the literary societies should be enlarged 50 per cent. In the absence of the affirmative speakers the president appointed Dr. Edwards and Mr. Taylor to defend that side. The negative speakers were Mr. Morbeck and Mr. H. Severance. No judges were appointed, but the critic leaned towards the affirmative in his remarks.

Y. M. C. A.

The Thursday evening meeting was well attended. "Christ as a Guest" was the subject.

Rev. E. W. Lake preached to a large audience in the morning on the theme, "Is thy heart right?" II Kings 10:15, and "Keep thy heart with all diligence, for out of it are the issues of life," Prov. 4:23.

The union meeting of the Y. W. and Y. M. C. A. Sunday evening was led by Rev. W. H. Pound, of the Plymouth Congregational church. His theme was the divine injunction—"Go ye into all the world and preach the gospel to every creature." The attendance was large and the interest good.

All mission classes will be organized next Sunday 1 p. m. in the Y. M. C. A. rooms.

HORT. CLUB.

The first meeting of the Horticultural Club was held last Wednesday evening. The following officers were elected: Pres., W. J. Wright; Vice Pres., E. A. Seelye; Sec., J. E. Schaefer. An excellent program was planned for the term. At the next meeting on Oct. 21, it is hoped that all persons interested in Horticulture will be present.

FARMER'S CLUB.

The M. A. C. Farmer's Club held its first meeting of the year on September 30th in the lecture room of the Agricultural building.

President Geo. McMullen called the meeting to order, and as Prof. C. D. Smith who was to give a talk was unavoidably detained from being present during the forepart of the meeting, the time was profitably occupied in the use of a general question-box. Among the questions discussed were:

How would you create interest in dairying in a non-dairy district?

What do you consider the best method of handling the hay crop?

What is the most profitable crop for the general farmer?

After a lively discussion on each of the questions, especially the 2nd when the hay tedder, side-delivery rake and loader are used with the idea of making "hay in a day," Prof. Smith arrived and was given the remainder of the time for his talk on the subject:—The Farmer's Club. He began by contrasting the farmer's social life and business with that of the business man's social life (home) and his business, showing that the business man's place of business is not his home, and how they are separated as compared with that of the farmers'.

In speaking of the aim of the Club, he said, it should be to study and work along lines which would develop men who would be a source of improvement and energetic in furthering the move along intelligent agricultural lines.

That the benefit derived from being a member of a farmers' club is both social and intellectual, and

while the college curriculum furnishes theoretical with the practical method, it is deficient in that which the farmers' club furnishes, and it behoves every agricultural student to join the club, and thus become acquainted with agriculture in more of its phases.

The club extends to all a cordial welcome. Its next meeting will be Wednesday evening, October 14, at 6:30, in the lecture room of the agricultural building.

Dr. Waterman will address the Farmers' Club next Wednesday evening at 6:30 on the subject, "The Farm Horse." A discussion will follow the address. All are invited to be present.

THE ANNUAL HORTICULTURAL TRIP.

A class of 12 seniors in horticulture spent two days in Grand Rapids under the direction of Prof. U. P. Hedrick studying the various horticultural interests around that city. Friday forenoon was spent in the large floral establishment of Henry Smith, a hasty look at John Ball Park and an hour looking at the famous gypsum cave mushroom beds. In the afternoon the first visit was to the home of Hon. Chas. W. Garfield, '70, where the class inspected orchards and forest plantations. This was followed by a visit to several lettuce and cucumber establishments. The day ended with a visit to another floral establishment. They visited "A country girl" in the evening, entirely in harmony with the object of the trip.

At four o'clock the next morning a visit was paid to the fruit market. Mr. W. K. Munson then conveyed them to his home, three miles from the city. Here they partook of a sumptuous breakfast in true M. A. C. style, and viewed the finest 20-acre vineyard in the state. Opportunity was given for a careful study of Mr. Munson's new grape, The King. After nine o'clock for Mr. and Mrs. Munson, the boys left for the Soldiers' Home to inspect the grounds and the plans made by a number of landscape gardeners in competition for a plan to be adopted for the grounds of that institution. The afternoon was spent in seeing the city and getting ready for home. They arrived here at 8 p. m., and all were enthusiastic about the trip, pronouncing it profitable, interesting and pleasant.

Owing to a defective gas machine there was quite a serious explosion in the bacteriological laboratory. Mr. Gibbons, the College plumber, was examining the automatic valve controlling the air supply of the air pump with a lighted match and in some way or other came in the presence of gas. Both ends of the pump were blown out and Mr. Gibbons was rendered unconscious for some time. His injuries did not prove to be very serious though his head was severely cut and his arm is still numb.

ALUMNI.

'61.

L. V. Beebe is general agent for the Union Mutual Life Insurance Co., Portland, Me.

'70.

A. H. Phinney is proprietor of the Turner bank of A. H. Phinney & Co., Turner, Mich.

With '78.

Frank Barnett is pastor of the First Baptist church of Salt Lake City, Utah.

'80.

W. L. Thomas has a large business as contractor at Traverse City, Mich.

'81.

A. B. Turner is general accountant for the Singer Manufacturing Co., South Bend, Ind.

'82.

J. H. Irish, for four years prosecuting attorney of Becker county, Minnesota, is now a general practitioner at Duluth, Minn., and president of the First State Bank of that city.

'83.

Edmund Schoetzow is entering upon his tenth year as superintendent of the Marcellus public schools.

'84.

H. D. Luce is secretary and one of the principal stockholders of the firm of Hugh Lyons & Co., Lansing, Mich. This Co. is one of the largest manufacturers of store display fixtures in the United States. Mr. Luce has recently moved into a fine new house on Capitol avenue.

J. D. Hill is an attorney and also cashier of the Montpelier National Bank, Montpelier, Ohio.

W. C. Stryker reports a large business in dentistry at Hanford, California.

'85.

E. T. Gardner in a recent letter to A. C. Bird writes: "We are on a 240 acre farm of our own and with the debt all paid through our own exertions. We are as happy as any millionaire that ever lived." His address is Trenton, Neb.

F. L. Chappell of Kalamazoo is at the head of his profession in this state as a patent attorney.

'86.

Will Launstein who has been with the Mill Supply House of New Orleans for the past ten years, recently called on E. N. Pagelsen of Detroit. Mr. Pagelsen says that he looks just the same as he did at M. A. C. a long time ago, the same dark, thin fellow. Mr. Launstein will return to the south to engage in the lumber business.

'88.

Geo. L. Teller is flour and milling expert for the Columbus laboratory of Chicago.

THE M. A. C. RECORD.

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

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TUESDAY, OCT. 13, 1903.

NEXT Saturday we play Kalamazoo. This promises to be a hard contest and everybody should be out to encourage the team. The association needs the money and the team needs the enthusiasm a large number can give. Moreover, there are no classes at a game. All are M. A. C. boys and girls. This spirit of unity is worth much in college life. A student who misses a football game loses an opportunity to acquire college spirit and loyalty. In this connection let us not forget to be courteous to our visitors. We owe them, as our guests, good treatment and fair play. Let this be manifested on the gridiron as well as on the campus. We will beat them if we can, but let it be done by tackling low and hitting the line hard. Let us be generous if we are defeated and cordial if we win.

ALUMNI.

'89.

E. N. Pagelsen, formerly assistant examiner in U. S. Patent Office, is now a patent attorney in Detroit.

Geo. J. Jenks will spend the winter in Detroit. He has lately erected a corn starch factory in addition to the present wheat starch factory.

'90.

Geo. S. Jenks is now located in New York City. His address is Battery Park Building. He was until recently at Pittsburg, Pa., in the employ of the Apollo Iron and Steel Co.

'91.

K. L. Butterfield, president of the Rhode Island Agricultural College, reports an increase in attendance for the coming year. President Butterfield has done some excellent work in advertising and getting people to understand the value of an agricultural education for the farmer.

'92.

Geo. A. Hawley does a large nursery business at Hart. His fruit crop the past season was excellent.

'93.

A. T. Stevens has a fruit farm near Benton Harbor. He teaches during the winter and spends the summer in the culture of small fruits and garden material.

Dr. C. B. Chapin has recovered from a severe attack of tonsillitis. He is enjoying a large practice in Benton Harbor.

Luther H. Baker, with the Michigan Millers Insurance Co. of Lansing, is the proud father of a bouncing boy born Oct. 7.

Hon. L. Whitney Watkins will soon return to his home at Manchester. His western trip has had good results and he feels much stronger.

'94.

Robt. S. Welsh, 1st Lieutenant U. S. Army, is home on a furlough. He has a brother in the sub-freshman class.

With '94.

M. F. Loomis, who is associated with R. C. Bristol of '93, in the National Engineering Works, has been seriously ill from overwork.

'95.

W. C. Stebbins is teaching physics and chemistry in the high school at Grand Forks, N. Dakota. His address is 12 N. 6th St.

'96.

John E. W. Tracy is in Europe, investigating sugar beet problems for the U. S. Department of Agriculture.

R. L. Clute, of Zamboango, Mindanao, P. I., says in a recent communication to the secretary of the alumni association that he is enjoying the tropics, and claims that the opportunities in the islands are great for those who persist. He adds that the natives would be much happier with home rule, though despotic, than with foreign supremacy. This is an admirable quality in the natives. An American who lacked this in respect to his own country would be considered a traitor. Still there are some who think the Philipinos traitors for holding such an opinion.

With '96.

W. R. Vanderhoof is working in a wholesale house in Grand Forks, N. Dak.

'97.

Rev. A. T. Cartland has closed a very successful pastorate in the M. E. church at Bath, Mich., and has been assigned to Cassopolis, Mich. The church people of Bath and the citizens in general much regret his departure.

Married in Washington, D. C., October 6, 1903, Lewis S. Munson to Miss Sybil A. Gale, of Madison, Wisconsin. The ceremony was witnessed by about 30 guests, among whom were Mr. and Mrs. Dick J. Crosby, '93, of Washington, and Frank V. Warren, '98m, of Philadelphia. After partaking of light refreshments with their friends Mr. and Mrs. Munson left for parts unknown. They will be at home after December first, Washington, D. C.

'98.

A. M. Patriarche was married Oct. 7 to Miss Vancella Violet of Butternut, Wis. They left immediately for their wedding trip which was to include Niagara Falls and end at their future home in Burlington, Ontario, where Mr. Patriarche has a fine fruit farm.

'99.

Chas. Johnson is landscape gardener at Manchester, Vt. M. Gilbert, a wealthy business man of Chicago, has a fine summer home at Manchester and in connection with it an estate of 450 acres. Mr. Johnson

has charge of the grounds which are very beautiful.

W. K. Brainard has been placed in charge of the dairy work at West Virginia University.

A. T. Swift, formerly in charge of science in the Lansing high school, is now connected with the Canada Life Insurance Company, and has his office in Grand Rapids. He spent part of last week calling on college friends and incidentally tried to insure their lives for the future.

'00.

Geo. M. Odum is starting an experiment station at Salisbury, Rhodesia, S. Africa. He has traveled through the southern states recently investigating crops and soils. He is introducing modern machinery and methods into S. Africa.

W. T. Parks is in the dairy business in Grand Rapids.

'01.

G. E. Towar has spent some time in Idaho for the U. S. Bureau of Forestry. He visited his brother at M. A. C. on his way to Yale university. The government has given him a furlough for a year in order to continue his work in forestry study.

Geo. White has been promoted to head chemist and superintendent of manufacturing laboratories of the Patton Paint Co. of Milwaukee. He reports an increase in pay and a pleasant position.

John Stewart visited M. A. C. last Wednesday and Thursday. He is tobacco expert for the U. S. department of agriculture. His special features are the handling and the curing of the crop. He spent the summer along the eastern coast of the U. S. and will spend most of the winter in Texas.

V. M. Shoemith, assistant agriculturalist in the Kansas Agricultural College, has charge of grain exhibits at the fairs throughout the state this fall.

'01 Sp.

C. L. Davis of Addison, Mich., won the silver medal in the educational cheese contest conducted by Mr. Michels.

With '01.

H. J. Coons is part owner and general manager of a shingle mill at Cedarville, nine miles from Portland, Oregon.

'02.

W. J. Geib is in the employ of the U. S. soils department. He has made a survey of Oakland county during the past summer. He visited M. A. C. for a few days last week while on his way to Tennessee.

H. K. Patriarche has resigned his position as assistant librarian at M. A. C. and will work in the city offices of the P. M. R. R. at Detroit.

'03.

W. R. Brown has been draftsman in the mechanical department during vacation. He has been working on the water works system and general repairs and improvements.

E. O. Elmer is laboratory assistant in organic chemistry. The large number of students in chemistry necessitated an increase in the teaching force.

Harry W. Dye is with the *Farmers' Guide* of Huntington, Ind. He is making reports on live stock as exhibited at the various fairs.

F. J. Phillips is in Arlington, Oregon, on a seed collecting tour for the U. S. department of forestry.

D. Yates is employed as a machinist in Dayton, Ohio.

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ABOUT THE CAMPUS.

W. M. Treadwell and his mother visited M. A. C. recently.

Bessie Buskirk, '03, visited M. A. C. friends over Sunday.

V. L. Chamberlain, who was on the sick list, has about recovered.

273 students are taking general chemistry and 99 are taking organic.

Mrs. Kotvis, of Grand Rapids, visited her daughter Miss Margaret Kotvis, '08.

Prof. U. P. Hedrick has collected his family and now occupies a house in Collegeville.

4,000 tons of coal are used by the college every year. The present supply comes from West Virginia.

A son of Lyman Lilly, '77, and a brother of James A. Elliott, '97, are among the many who entered M. A. C. this fall.

The experiment station laboratory in bacteriology is nearly completed. It contains all modern equipments and is one of the very best.

The number of magazines in the library, literary, scientific and technical, is 156. 46 of these are published in foreign countries.

The bacteriological department has been making a very careful analysis of the water on the campus and surrounding wells.

The sub-freshman mechanicals have been divided into three sections for drawing. W. R. Robinson, '05, will have charge of one division.

A. W. Sears, a student here in the mechanical department in 1891,

called at the College on his way home from the Naval Academy.

Mr. Harvey A. Hebblewhite, '07m, visited his brother and sisters at the College last Sunday. He is at Mt. Clemens.

The department of English has 771 names on its roll. 152 of these take two classes thus leaving 619 different students taking work in English.

Miss Edith McDermott, the first dean of the woman's department at M. A. C., has lately accepted a like position in the Washington Agricultural College at Pullman.

The Zoological department has an opossum which was sent from Grand Ledge. It is alive and taking kindly to the fall weather though a little cold.

J. M. Estabrook, father of J. N. Estabrook, '88, died the fore part of last week at his home in Saginaw as the result of a paralytic stroke. Mr. Estabrook was a warm friend of M. A. C.

On account of the increase in the upper classes more machinery will have to be purchased for the mechanical department. The attendance in this department has trebled in the last ten years.

All students are urged to join the Athletic Association. Season tickets for football are being issued. Geo. E. Martin is treasurer of the Association and will be glad to receive dues and supply you with tickets.

A. E. Jones is the new instructor in mathematics. He was graduated

from the Illinois State Normal in 1897, and received the degree of A. B. from the University of Illinois in 1901.

Prof. Shaw judged cattle at the Hillsdale fair. The exhibits were large and of excellent quality. The competition among Galloways was exceptionally close.

Victor C. Gonzalez of Arequipa, Peru, has entered the agricultural course. He has had one year of work in the University of Arequipa. He speaks English fairly well and also French.

There are 24 seniors in constitutional history, 25 in zoology, 28 in bacteriology, 7 in dairy work, 3 in forestry, 3 in soil physics, 15 in live stock, 25 in veterinary science, 9 in horticulture, 8 in civil engineering, and 16 in mechanical engineering.

No other college in Michigan nor the University can boast of a single pitcher in the major leagues. M. A. C. has two, Owen, of Chicago, and Pinnance, of Philadelphia, and both have been in college since 1898.

The department of civil engineering has received some valuable instruments during the current year. The course is becoming very popular, many new students having enrolled for work along this line.

The farm department has purchased three Ayrshire cattle from Geo. H. Converse, of Woodville, N. Y. They are two years old and have been prize winners on the big fair circuit.

Themian Society Officers: President, Katharine Slaght; Vice Presi-

dent, Bessie Cordley; Secretary, Ernestine Dimmick; Treasurer, Clara Feldkamp; Marshal, Anna Skeels; Record Reporter, Anna Pickett.

Prof. Taft inspected nurseries at Benton Harbor, Muskegon, and other lake shore towns. He reports them in good condition. He found the apple crop quite large and the fruit in good condition where the trees had been sprayed.

The Olympic Society gave the initial party of the year in their rooms Saturday evening, Oct. 3. The party was chaperoned by Mr. Patriarche and Miss Avery. Everyone reports a very enjoyable time.

C. L. Shear and C. O. Townsend, of the U. S. Department of Agriculture recently called at M. A. C. The former has been investigating cranberry culture in the northwest, while the latter has confined his attention to sugar beets.

Prof. Jeffrey has a fine collection of products of various crops. The American Cereal Co. sent six of oats, eleven of corn, two of barley, ten of wheat and two of rye. The object is to teach the great diversity of uses of farm crops.

Mr. R. H. Pettit, consulting entomologist of the experiment station, is conducting a series of experiments in the fumigation of fruits for the destruction of insects attacking forcing house crops. Different substances will be tried. So far he has been using hydrocyanic gas. An airtight house has been constructed for this work.

ALUMNI.

'03.

G. C. Sevey, who has been assisting the horticultural department at the state fair, has left for Springfield, Mass., to investigate a proposition from the Orange Judd Co.

J. L. Thorne has accepted a position in Texas as chemist for a Beet Sugar Co.

R. L. Yates is draftsman for the Stillwell-Bierce and Smith-Vail Co., of Dayton, Ohio. This firm does a large business in the construction of high head water wheels.

O. J. Dean is drafting in the bridge department of the Minneapolis Steel and Machinery Co.

J. A. Fraser is with the Illinois Steel Company. He is engaged in structural work for new steel buildings.

J. H. Hedges is a student at the Michigan School of Mines at Houghton.

S. W. McClure is in the employ of Lippincott and McNeil, mining engineers and surveyors of Pittsburgh, Pa.

O. M. Nacker is secretary and treasurer of the manufacturing firm of Nacker and Palmer, Milford, Mich.

H. D. Fargo is a member of the engineering corps of the Jackson and Suburban Traction Co. He is engaged in the construction of electric railways, surveying and grading of roadbeds. His address is Dexter, Mich.

I. J. Van Skiver and C. M. Blanchard are drafting for the Pennsylvania Steel Co., of Steelton, Pa. Their address is 220 Pine street.

With '03.

O. D. Dales is bridge inspector for the C. & N. W. Ry. His address is Mason City, Ia., Div. Engineer's Office C. & N. W. Ry.

With '04.

R. T. Stevens left for his home in Santa Barbara, California, on account of his health. During vacation he had an attack of pleurisy, which left him rather weak. His many friends at M. A. C. hope for his speedy recovery.

L. C. Thomas is drafting in the Ods Gasoline Engine Works at Lansing.

With '05.

Harry Meek and Ray Burpee are working for the Grays Harbor Commercial Company at Cosmopolis, Wash. Mr. Meek is in the shingle mill business, while Mr. Burpee is in the general office. Both are well liked and are in line for steady promotion in one of the largest lumber concerns on the Pacific Coast.

With '06.

Alvin Sanburn spent the summer with the U. S. Lake survey in northern Michigan. At present he is teaching school at Glover and reports good interest and a large attendance.

The women seniors in dairying, four in number, are studying pasteurization of milk, chemical and physical properties of milk, principles of butter making, judging of butter, making of modified milk and viscogen as applied to cream to restore viscosity.

Mrs. A. M. Brown is slowly recovering from a very severe illness. Mrs. Smith is also improving from a complication of diseases chief among which are rheumatism and malaria.

Prof. C. D. Smith is preparing a bulletin on vetches. 22 species are grown on the station grounds. Mr. Longyear is working on their classification, and together with Mr. Pettit is taking photographs of type species.

Of the 109 new students taking agriculture, 80 come from the farm, and 29 from the city or village. *The State Republican* in a recent issue was wrong in its statements, though apparently an attempt had been made to copy the leading facts from THE M. A. C. RECORD.

A Harvest Party was given by the Eclectic Society in their rooms Friday evening, Oct. 9. The decorations and refreshments were in harmony with harvest time and all realized that autumn was surely here. Mr. and Mrs. Chas. B. Collingwood very kindly chaperoned the party.

Dimas Burbano Bowen comes from St. Gabriel's College, Sta Ana, Ecuador, and has entered the mechanical course. On his way to the U. S. he met Signor Gonzalez on the boat. The two immediately became friends and Mr. Gonzalez was instrumental in bringing Mr. Bowen to M. A. C. Both find the winter here very severe.

Dugald Rose, a brother of Mrs. Gunson's, made a brief call at the College the past week. Mr. Rose is a real estate dealer in Cape Town, S. Africa, and was on his way to England where he and his family expect to spend the first part of the winter. Mrs. Gunson accompanied him and expects to visit her old Scottish home.

Prof. Taft is conducting an experiment with the disease known as "little peach" in Allegan county. Six square miles in the fruit district are carefully watched and all infected trees are removed at once. The idea is to see whether the loss can be lessened. The disease is also found in Oceana county. It is supposed to come through the roots. Removal is the only remedy known and keeping the trees vigorous is perhaps the best preventative.

Prof. M. D. Atkins left for Lake Forest University to take charge of the Department of Physics. Prof. Atkins came here four years ago. He is a graduate from the University of Michigan and has done advanced work in Germany. The best wishes of M. A. C. go with him in his new field of labor. His successor has not been elected though applications are already pouring in. Prof. and Mrs. Atkins made many friends while at M. A. C. and their departure is generally regretted.

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Premium Receipts to January 1, 1903.....	\$238,211,899.54
Of this sum there has been returned to Policy Holders:	
For Policy Claims.....	\$110,233,051.54
For Surrendered Policies.....	30,210,071.48
For Dividends.....	59,072,787.46
Total.....	\$199,515,910.48
Leaving still in the Company's possession.....	\$38,695,988.75
The Company's investments have yielded sufficient returns to pay all Expenses and Taxes, and still to add to the policy holders' fund for the fulfillment of existing contracts.....	44,137,737.41
Total Assets, January 1, 1903, market value.....	\$82,833,726.16

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