

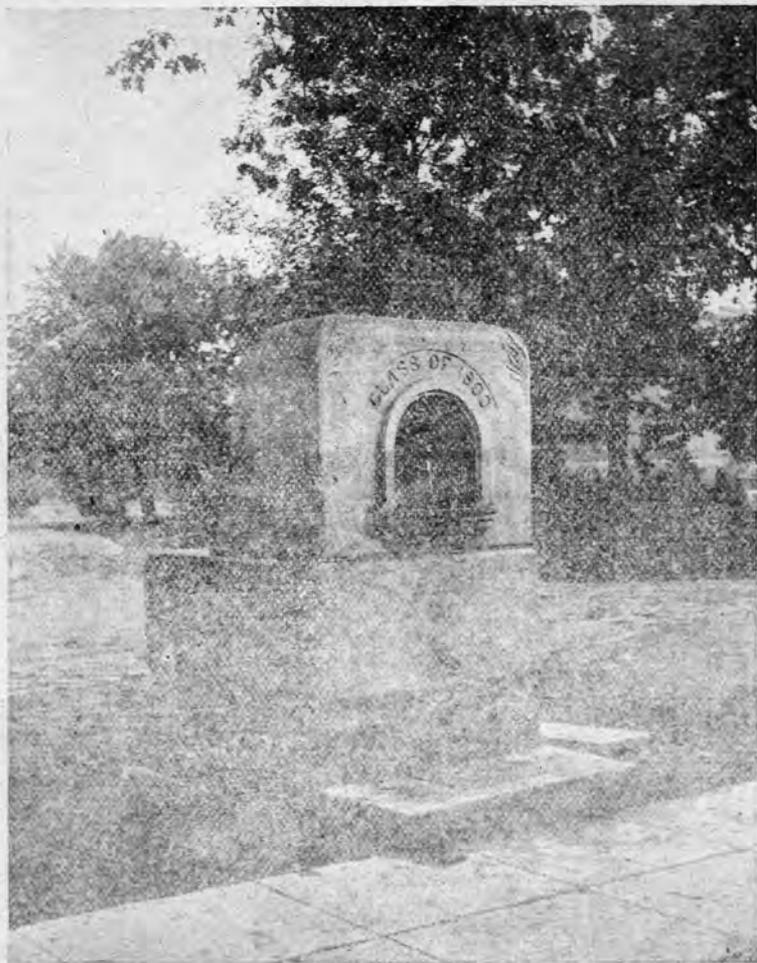
The M. A. C. RECORD.

MICHIGAN STATE AGRICULTURAL COLLEGE.

VOL. 10.

LANSING, MICHIGAN, TUESDAY, SEPT. 27, 1904.

No. 2



THE DRINKING FOUNTAIN.

The above cut will give to the readers of the RECORD a view of beautiful drinking fountain presented to the College by the class of 1900. It is hewn from white sandstone rock and in size is 7 feet high with a base 4 ft. 3 in. x 5 ft. 3 in. In the little alcove in front is a brass lion's head from the mouth of which flows a small stream of cool water at all times to quench the thirst of the passer by. In the rear and adjacent to the driveway is a watering trough for horses. The fountain is located about half way between Williams Hall and the Library Building, to the left of the walk and about 12 feet beyond the large oak as one passes toward the Library. During the summer when the campus was thronged almost

Y. M. C. A.

The first meeting of the Y. M. C. A., held last Thursday, was led by our new general secretary, Mr. F. R. Hurst. It was an open meeting, and the subject, "What it means to be a Christian," was freely discussed, several of the new men taking part. These meetings are held every Thursday night at 6:30 throughout the College year, and all men are cordially invited to be present.

The reception Friday night given by the Y. M. C. A. to the men of the College, was attended by about 200 students. It was entirely informal and everybody had a good time. Talks were given by President Snyder, Dr. Waterman, Mr. Bell and Mr. Hurst in which differ-

ent phases of the Y. M. C. A. work and its effects upon the college men were brought out. Among the interesting features of the program were a double duet by the quartette and a blind boxing match between Mr. James Moore and Mr. L. J. Smith.

A Bible study meeting will be held in chapel next Sunday evening October 2nd at 6:30. Classes will be organized for studies in the Life of Christ, The Acts and Epistles, and Old Testament Characters.

R. E. HAINES.

The meeting in the chapel Sunday evening was one of the largest men's meetings ever held at M. A. C. The speakers were Prof. C. D. Smith, of the College, and Mr. Carl H. Smith, of the state Y. M. C. A.

After a few stirring remarks by some of the old and new men an opportunity was given for men to make a stand for Christ, and several of the new men made the decision.

Y. W. C. A.

The first meeting of the term was held Thursday evening, and was led by the president, Eva Keeney. Miss Cecil Alden favored us with a solo.

A reception for the new girls was held Friday evening. The time was pleasantly spent in getting acquainted and listening to music furnished by Miss Freyhofer and others.

A meeting was held Sunday evening in the lecture room. Prof. Smith gave a very earnest and helpful talk on the Importance of Bible Study. The Bible class will begin next Sunday.

FARMER'S CLUB.

The first meeting of the M. A. C. Farmer's Club will be held this week Wednesday evening at 6:30 at the Agricultural building. As this is the opening meeting of the year, let all agricultural students both old and new turn out and help start the club off right. A program for the evening has been selected and the question of dairying will be discussed. All are welcome to come. Don't forget the time and the place.

M. A. C. CHORUS.

The first meeting of the M. A. C. Chorus will be held in the College Chapel next Monday evening, Oct. 3, at 6:45 o'clock. All who love to sing and are interested in good music are invited to join the chorus. The annual fee is the nominal sum of 25c. A concert will be given in the spring of the year.

Last year the chorus assisted by solo-artists from Cleveland, Ohio, gave Haydn's Oratorio "The Creation" with most pronounced success, and it is hoped the work in this year will be equally successful.

All who sing are urgently invited to join the chorus and make use of an excellent opportunity for good choral training.

Be sure to come to the first meeting, next Monday, 6:45 p. m. in College Chapel.

NOTICE.

The King's Daughters will meet at the home of Mrs. Weil, Wednesday, Sept. 28, at three o'clock.

NOTICE.

A special meeting of the voters of the College district school will be held Friday evening, Sept. 30, at seven o'clock at the school house for the purpose of providing more room and help to relieve the present crowded conditions.

ALUMNI.

'61.

L. V. Beebe, member of the first class in College, died at Utica on August 11. Mr. Beebe has been in the insurance business for a number of years.

'68.

A. G. Gulley, professor of horticulture and superintendent of the gardens and grounds at Storrs, Conn., has entered his son at M. A. C. for a course in agriculture.

'88.

Dr. N. S. Mayo, for nearly ten years professor of veterinary science at the Kansas Agricultural College, has resigned to accept a position with the Cuban government at the Experiment Station at Santiago de la Vegas, near Havana. His new position corresponds to that of Chief of the Bureau of Animal Husbandry in Washington.

'90.

Prof. F. B. Mumford, acting dean of the College of Agriculture at Columbia, Mo., has been chosen judge of Brown Swiss cattle at the World's Fair.

'02.

A. E. Kocher with the Bureau of Soils, Department of Agriculture, writes to have his address changed from Palestine, Texas, to Crockett, Texas.

'03.

H. M. Eaton is now in the Engineering Department of the Rochester Ry. and Light Company. His address is No. 9 Audubon St. Rochester, N. Y.

'03.

Ray G. Thomas has been on his father's farm at Three Oaks during the past year.

With '74.

At the home of the bride's parents in Ithaca, Tuesday afternoon, June 21st, Miss Retta Peet, daughter of Ex-Sheriff K. P. Peet, was married to Nathan J. Baker, of North Shade. The wedding was in the presence of only immediate relatives of the contracting parties, and Mr. and Mrs. Baker went at once to their pleasant home where they are at home to their many friends. Mrs. Baker is a graduate of the Michigan Normal College at Ypsilanti, from which institution she holds a life certificate. She has been a prominent teacher having been county school commissioner of Gratiot County, and for the past two years, principal of the Ithaca high school. She has also held other good positions as a teacher in other states. Mr. Baker's alma mater is the Michigan Agricultural College and he is also an experienced teacher as well as one of Gratiot's successful and well-to-do farmers. He has lived in this community for the past quarter of a century and has a wide circle of acquaintances and friends. Mr. and Mrs. Baker have the well wishes and congratulations of the community.—*Carson City Gazette.*

THE M. A. C. RECORD.

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

B. A. FAUNCE, MANAGING EDITOR.

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TUESDAY, SEPT. 27, 1904.

WE have endeavored to reach every new student with this issue of THE RECORD. Our purpose in doing this is to get acquainted with you and to have you become acquainted with THE RECORD. We believe that the College paper should be a "record of news" and to this end we ask you to help us. The subscription price, as stated last week, is fifty cents per year with a copy for home free. Should you care to accept this offer, kindly leave your address with Secretary Brown at once, in order to receive all future issues.

THE Students' hand book is now ready for distribution and may be had at the Y. M. C. A. rooms in Williams Hall. It is issued with the compliments of the Y. M. and Y. W. C. A. and besides explaining the work of the associations contains much information concerning the various clubs, athletics, etc. Each new student, especially, should have one.

IN giving the list of new instructors in our first issue two were unintentionally omitted.

MR. L. B. McWETHY, instructor in agriculture, graduated from the Traverse City high school in 1898 and from M. A. C. last June. Mr. McWethy has been at the College all summer.

MR. A. G. CRAIG, instructor in horticulture, entered M. A. C. from Harbor Springs, Mich., in 1898, graduating with the class of 1902. Mr. Craig was employed by the Chatauqua Desk Co. for a time after leaving College and during the past year was manager of the grounds on a private estate at Muncie Ind. Mr. Craig has also been about the grounds all summer.

FOOTBALL.

With one week of practice finished the prospect for another championship team is fairly bright.

The most serious difficulty is the absence of heavy men to fill the vacancies at center and guard; in fact all candidates are light and the only hope is to develop a team, similar to last year, that will make up in speed for what it lacks in weight. The most favorable sign is the interest and enthusiasm in the

work of the squad shown both by the candidates themselves and the student body. Fifty-five candidates have reported to coach Brewer and three or four hundred students come out each night to watch the work and cheer the candidates on. The old men who are again in harness are Capt. Bell and Kratz, tackles; Case, guard; Ashley and Holdsworth, ends; McKenna, Doty and Small, backs. Second team men and substitutes who are again out are McDermid, Bates, Waite, Bartlett and A. Kratz. Among new men who have shown promise and a knowledge of football might be mentioned, W. H. Parker, F. Parker, Fisk, Boomsliter, Wright, Sanborne and Charleton, candidates for the line; Kratz, another of the Kratz family of footballists, Buckridge, R. C. Graham, Ferguson, Swales and Thomas, backfield and end candidates.

The race for the vacant center and guard positions promises to be a pretty struggle between Case, McDermid, Fisk, Boomsliter, W. H. Parker, F. Parker and Wright, while that for quarter is also an uncertain proposition with Graham, Small, A. Kratz, Holdsworth and Merrill, of Toledo High School fame, as available men. The work is being rushed, Hopkins, McCue, Peters and Hurst, all old football stars, assisting coach Brewer every night, in an endeavor to whip the team into shape as early as possible as the two hardest games on the schedule come early, Oct. 8, when Ohio comes here and Oct. 22, at Albion, in what promises from early season prospects, to be the critical game of the year. On Saturday, October 1, Flint comes here for the opening game, and a chance will be given then to see the men in action and judge more accurately what we have.

M. A. C. AT STATE FAIR.

The Michigan Agricultural College showed six head of short horn cattle at the State Fair at Pontiac. Eight premiums were secured by the six animals.

Following are the premiums secured in the respective classes:

1st. premiums on yearling bull, bull calf and four animals the get of one sire in the open classes. 2nd premiums on two animals, the produce of one cow in the Michigan class, and 2nd premium on yearling bull in the class competing for short-horn specials. 3rd premiums in the open classes for heifer calf, bull calf and aged bull.

The most noteworthy of all these awards is that received by the four animals, the get of one sire. These young animals were, of course, all bred by the institution and were a remarkably uniform lot. The placing of the aged bull, which received a third premium, was a matter of a good deal of satisfaction because of the fact that this bull is now eight years old and was competing against younger animals. It was generally conceded by the exhibitors that this animal has maintained his form and quality in a remarkable manner.

Stockmen's meetings were held on the State Fair grounds at Pontiac during the evenings of September 12th and 13th. These meetings were under the direction of the Michigan Agricultural College and were inaugurated for the purpose of

providing instructive entertainment for the large number of stockmen who remained on the grounds at night during the fair. On Thursday evening, September 12th, the following program was presented: First, the muscles of the horse by Dr. G. A. Waterman, who illustrated his talk with the use of an artificial horse, removing the muscles one by one and describing their uses, action, etc. This was generally conceded to be one of the best features of the evening meetings. This was followed by a stereoptican display of carcasses and meat cuts, which had been secured from work conducted in the cutting of meats at the College. These views were introductory to discussions on natural flesh in beef-cattle, led by Morris Douglas, of Grass Lake, and A. E. Stevenson, of Port Huron. On Wednesday evening, September 13th, Col. Cary M. Jones, of Davenport, Iowa, a live stock auctioneer of national reputation, gave an interesting and instructive talk on the preparation and presentation of live stock for sale in the auction ring. This was followed by a discussion relative to market types of swine by J. J. Ferguson, of Swift & Co., Chicago. He used a number of live animals to illustrate his remarks. A stereoptican display of famous prize winning animals was also presented. A tent was provided by the State Fair Association as well as music by a band for both evenings. It is intended, if these meetings are continued to use them for educational purposes, converting them into studies of breed type, with the object of creating greater uniformity among breeders with regard to correct type among breeds of live stock at a time when this question is forcibly impressed on the mind of the exhibitor by the judge, and at a time when the most suitable specimens can be secured for purposes of demonstration. * * * * *

The Farm Department made exhibits at both Pontiac and Grand Rapids. The exhibits consisted of materials illustrating chiefly the work being done along livestock lines at the institution. There were a number of charts showing the various conditions of the animal body and the names which properly apply to them, both of beef and dairy type. There were other charts showing the various cuts of carcasses, the relative weights of the various cuts and the relative prices of the same. There were also two dozen enlarged photographs illustrating the quality of various cuts of meat. One of these in particular showed cuts from an excessively fat cotswold wether in which twenty-four per cent of the entire carcass had to be trimmed off and sold at tallow prices. There were other illustrations showing prime roasts, excessively fat ones and those lacking in both flesh and fat. In addition to this a display of score cards and slaughter record sheets, such as are used by the Institution for the various classes of animals, was also made. Twelve of the most improved rations used for beef cattle, sheep, swine and dairy cows at the Institution last year were shown in bottles in layers in the proportions in which they were fed. Along with these, figures were given showing the cost of the ration per cwt., the cost to produce a pound of mutton through the use of these, a pound of beef or a pound of butter, as the

case might be. In connection with this exhibit Dr. Waterman made a display of bones from various domestic animals showing both diseased and healthy conditions in such cases, as for instance, spavin, splints ringbones and various other diseased conditions. This part of the exhibit attracted a good deal of attention.

"APPLE-DAY."

About 1,000,000 apples will be given away to visitors, Sept. 27, at the World's Fair. Each apple will be neatly wrapped in tissue paper, on which will be printed the name of the variety and the place where grown. Every man, woman and child on the grounds will receive three or four apples, and thus will "Apple Day" be commemorated at the "Great Exposition."—*The Rural Advocate, Battle Creek.*

The following notes on Mrs. Haner's trip abroad will be of interest: Gave the whole school year to the Domestic Art Department at Drexel Institute, Philadelphia, completing the Normal course. Spent the summer abroad, traveling through Holland, Belgium, Germany and France, but giving most of the time to Switzerland, Italy and England. Passed two weeks in Italy touching Milan, Venice, Florence, Pisa and Genoa, but remaining nearly a week in Rome. Noted a good number of items of interest connected with domestic art, especially the lace industry in Antwerp, Brussels, Venice and in Switzerland. Find that our own country is taking the lead in household economics as an educational subject.

The following was taken from the *Boync Citizen*:

"E. A. Robinson, the eldest son of the well known county surveyor, E. K. Robinson who died a few years ago and was county surveyor of Charlevoix county for 25 years, was born in Quincy, Illinois in 1870. He was brought to Charlevoix county by his parents in May, 1871, where they settled at Porter's Creek, now known as Advance. Here Mr. Robinson the elder ran a sawmill for Mr. W. H. Porter. He removed with his parents to the homestead in Boyne Valley, in October, 1871, where he now resides. A team of cows hauled their household goods from boyne, then the head of the lake, to the farm. Mr. Robinson received his early education in the country schools, beginning first at the old log school that stood on the ground now occupied by Mr. McDonald's home in Cobb's addition.

When through the schools he began to teach. His first school was in the Mountain district, near Iron-ton. He was only seventeen years old when he began teaching, and taught until he entered the State Agricultural College at Lansing. Four years later he graduated with the degree of Bachelor of Science.

Mr. Robinson was appointed deputy surveyor on account of his father's illness, in December, 1901, and in April, 1902, was appointed county surveyor and was elected to the same office in the fall of 1902."

A meeting of the State Board will be held in the College board rooms Friday evening, Sept. 30.

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ABOUT THE CAMPUS.

J. G. Moore, '03, is in College this year for advanced work.

LOST.—Locket watch fob. Finder please return to president's office.

Miss Marion Thomas is again in College after an absence of two years.

Prof. Sawyer has purchased the residence of Mr. Geo. Smith, in Oakwood.

Miss Norma Gilchrist, sister of Dean Gilchrist, is teaching Miss Wellman's English classes.

Prof. Jeffery was at Grand Rapids on Friday of last week, judging corn at the West Michigan Fair.

Mrs. Newton, of 1230 Michigan avenue, Lansing, is building a fine new residence on the Newman addition.

Miss Wellman has not been able to begin her work this term on account of the serious illness of her mother.

J. C. Button, who entered with the present Senior class and completed four terms, has returned to complete his College work.

Prof. Moses Craig, who has been teaching at Mason, Ia., the past year, has returned to take up the study of bacteriology and plant diseases.

The following is the mail schedule in force at present. Arrivals: 7:30 a. m., 11:30 a. m., 5:00 p. m., 7:00 p. m. Departure: 6:00 a. m., 8:30 a. m., 1:15 p. m., 5:30 p. m. Mail must be in the office fifteen minutes before time in order to secure dispatch.

W. R. Brown '03 is inspector of the work on the tunnel.

Edward Balbach '04 is inspector of the new power house building.

Mr. Champe is building on his lot west of the Longyear property.

A total of 205 students have reported for work in the physics department.

The farm department has built about 200 rods of wire fence the past summer.

Miss Ruth Carrel, sister of W. J. Carrel, '03, has entered College for a 4-year course.

The severe frost of Wednesday night did considerable damage to both farm and experiment station crops.

Mr. Chas. B. Norton, brother of Instructor Norton, has entered College for a four-year mechanical course.

Dean Gilchrist was able Sunday to leave the College hospital and return to her duties at the Women's Building.

The secretary's books show a total of 738 students classified at the end of the first week which is 21 more than at this time last year.

Mr. Geo. W. White, '04, spent Sunday at the College. Mr. White expects to study civil engineering at the university the coming year.

President Snyder was appointed delegate to the Farmers' National Congress, which meets at St. Louis Sept. 26-30, where he speaks Thurs-

day afternoon on "The Education of the Farmer."

Mr. A. G. Craig was in charge of the horticultural exhibit at the West Michigan Fair held at Grand Rapids last week.

Prof. U. P. Hedrick with several horticultural seniors were in attendance at the West Michigan fair a portion of last week.

Miss Louisa Taylor, who was obliged to leave College during the winter of '03, has returned to resume work in College.

Six new houses, owned by Messrs. Bird & Chittenden, have been erected on the road east of the College during the summer, one of which situated just east of the College orchard, is occupied by L. F. Bird, '04.

A thirty-page catalog giving the pedigrees of the live stock that will be offered for sale on October 11 is now ready for distribution and may be had by applying at the farm department.

Mr. W. L. Ayers, who has been ill with typhoid fever for several weeks, died at his home in Collegeville Thursday evening, Sept. 22, at 9 o'clock. Mr. Ayers moved to M. A. C. several years ago for the purpose of giving his family educational advantages, and was well and favorably known to the whole College community. A wife and three children survive him, Orla L. graduating with the class of 1902. Funeral services were held at the house Saturday afternoon at 2 o'clock.

Cards are out announcing the marriage of Gordon H. True to Miss Elizabeth Spayd Stubbs on Monday evening, Oct. 3, 1904, on the University Campus at Reno, Nev. Mr. True holds the position of Professor of Animal Husbandry at the above place and was formerly instructor in dairying at M. A. C.

The department of physics and electrical engineering has been making some minor changes in its rooms during the summer, and has added quite a little to the list of apparatus. Among them are some resistance coils, wheat-stone bridges, condensers and a number of electrical measuring instruments, all of which are first class and of the best make. Quite a little apparatus has been bought for the department of electrical engineering also. Among them being a rotary converter of 8 kilowatt capacity. This is nearly a universal motor. It can be run as a two-phase alternating current motor from our lines, power being taken from the pulley by a belt or direct current at 125 volts can be taken from the other end of the machine at the same time,—or, it can be run as a direct current motor with 125 volt circuit, and while so used power can be taken off from the pulley by means of a belt, or single phase current up to its full capacity can be taken from its opposite end, or two phase current can be taken from the opposite end. This makes a very valuable addition to the laboratory apparatus as it becomes a very general use.

'04.

D. B. Button is running his father's farm at Farmington, Mich.

E. R. Bennett is an assistant in horticulture at Storrs, Conn., experiment station work. Mr. Bennett also has charge of the military work in the college.

With '93.

Dr. Herbert M. Rich was born in Middleville Feb. 12, 1874, his childhood and youthful days being spent in this village. In 1889 he graduated from the Middleville public schools, after which he spent two years at the Michigan Agricultural College. He taught school about two years and then entered the University of Michigan at Ann Arbor, graduating in 1897 with the degree of Bachelor of Letters, and in 1901 as Doctor of Medicine. During the student days at the U. of M. he was at different periods secretary of the Students' Christian Association and manager of the Inlander, the university magazine.

In the summer of 1901 he accepted the position of house physician of the big sanitarium at the fashionable summer resort, Lake Geneva, Wis., remaining there about eighteen months, doing considerable work and acquiring a vast amount of practical knowledge. From Lake Geneva, Dr. Rich went to New York and studied in the different hospitals of that city and in Boston.

He was married June 3, 1903, to Miss Constance Abbott, of Cambridge, Mass., and a little later in company with his wife and mother, went to London, England, for a short time, and from there to Brunswick, Germany. Early in the autumn of last year the party went to Vienna, Austria, in which city is located the largest of the world's hospitals, The Universal. Here Dr. Rich studied, taking lectures and demonstrations at the Universal, the Prince Rudolph and the Wilhelmina, the latter a hospital exclusively for children. The party returned to America in April and Dr. Rich has located in Detroit, living at Canfield avenue and having offices in Washington arcade.

Middleville is justly proud of Dr. Rich and the entire village extends its best wishes to him and places great faith in his capabilities. He is a thoroughly energetic and conscientious Christian young man and has an education in his profession attained by few. He is the only son of the late Dr. S. C. Rich of this village and his grandfathers were Dr. William Rich of Knoxville, Pa., and Dr. G. W. Matteson of this village, so that his professional inclination is a matter of inheritance as well as study.—*Middleville Sun*.

DOMESTIC SCIENCE.

James G. Moore, treating in "The Science of Study" of the fundamental features of educational work, has something to say on domestic science, now gradually assuming the dignity of a profession and being regarded as a valuable department of school routine. Mr. Moore says:

"Really, in nobility of character and in demand for thorough equipment, no other life work stands higher than the profession of domestic science, in its most inclusive meaning. * * *

Every woman ought to be able to

decide intelligently what is the most healthful food and what the most hygienic dress for her household, to oversee the sanitary conditions of the home and to direct the young lives that may come under her charge in paths which shall make for fullness and richness of development. That she may accomplish this with a marked degree of success requires a considerable knowledge of physics, chemistry, biology, hygienic philosophy, psychology, ethics, education and sociology, besides a very liberal general culture training.

The educational equipment for this highest and most fitting calling of woman combines the essential training of the practical scientist with the pedagogical training of the professional teacher, for she is both—and more. May God speed the day when the profession of domestic science, not in its narrow utilitarian sense of cooking and sanitation, but broadly and comprehensively, as dealing directly with the most vital conditions of human society, shall be given among our courses of study a place worthy its standing as the most eminent profession to which a woman can aspire."

THE VALUE OF EDUCATION

One rough measure of the value education is its efficiency as a means of success in life. Does higher education help one to succeed in business and the professions? There have been so many cases of conspicuous success by "self made" men that the "college man" has been subjected to some discount in the popular estimation. The United States Bureau of Education has made an investigation, conducted by Dr. William W. Smith, that throws light upon the subject. The bureau estimates that at the time of the last census there were in the country 14,794,403 males over 30 years of age. These were divided into three classes, as follows: Class 1, without education, 1,757,023; Class 2, with only common school education, 12,054,335; Class 3, with high school education, 657,432; Class 4, with college education, 325,613. The 10,000 notables in "Who's Who?" were now distributed among these classes with the following results: Without education 0; with common school education, 1,368; with high school education, 1,627; with college education, 7,709, of whom 6,129 were college graduates. From this it appears that from those without education came no notable; from those with common school education came one notable for every 8,812; from those with high school education came one notable for every 404; and from those with college education came one notable for every 42. According to this the boy with a common school education has one chance of becoming notable out of every 9,000. High school training increases this chance nearly twenty-two times, and college training increases it more than two hundred times. One out of every forty-two college trained men acquires some distinction. While this method of computation gives only a rough approximation to the truth, yet it is not misleading, and it shows the enormous advantage education gives in the work of life; and as education rises in the scale the chance of success rises in a geometrical ratio. The colleges may well exploit these facts.

"THE Mutual Benefit Life Insurance Company of Newark, N. J., stands in a class by itself. If all companies could be classed as belonging to Class A, B, C, and so forth, some would go down to Z and some below zero, but no actuary as it seems to us, would put the Mutual Benefit in any other rank than Class A. Holders of policies * * * would be apt to say: 'We are satisfied. The record of fifty-nine years made by the Mutual Benefit, we believe, has never been surpassed in this country. If there is a rival, it must be a company with a short history. Words of mouth, the promises of agents with glib tongues, may turn out true. If they do, and we are of insurance age at that time we will patronize that company. At present we prefer to stand on firm ground and take another policy in the Mutual Benefit.'"

"The great distinction of the Mutual Benefit is its sharing of its good fortune with its patrons."—*The Insurance Magazine, Kansas City, Feb., 1904.*

C. B. COLLINGWOOD, DISTRICT AGENT

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