

The M. A. C. Record.

VOL. 3.

LANSING, MICHIGAN, TUESDAY, APRIL 12, 1898.

No. 30.

What Are Our Alumni Doing?

DR. R. C. KEDZIE.

A proper question, and deserving a candid answer. The graduates of a college are the fruits of such college, the representatives of the spirit and aims of the college. The old rule still holds good in judging of men and institutions, "By their fruits ye shall know them." Let us apply this rule by glancing at what our alumni have been and are now doing.

Dividing them up into groups according to the leading character of their pursuits, we find the industrial class outnumbers every other. In this class are included those on the farm, in the orchard, the garden, the machine shop and the factory, the engineers and surveyors, and last, but not least, the wives who make the home a way station to heaven.

If we add to this strictly industrial class the 110 teachers in city, village and district schools, and the seventy-one who are professors and instructors in agricultural colleges, we find more than sixty per cent of all that ever graduated from this College embraced in this list. Out of 765 graduates the lawyers number 64, of whom one is an honored judge in Detroit and another in Oklahoma; one is regent in our University; another was re-

gent for six years in the University of Illinois, and several have been members of the legislature. An alumnus was regent of the University of Nebraska, and three members of our Board of Agriculture are alumni, and a fourth attended the College for a season. The doctors among our alumni number 53, merchants 14, bankers 13, editors 8 and clergymen 4. In the employment of the general government, in the army, the signal corps, and in the department of agriculture we find over 30 alumni.

The biggest alumnus ever sent out by this College was the Farmers' Institute—the best University Extension the world ever saw.

The peculiar relation of this College to the agricultural colleges of other states calls for special notice, for there is hardly a state in the Union that has not one or more of our graduates in its faculty of instruction. The position and influence of some of these have been remarkable. Not to make invidious distinctions when a score might be

named, I will name a few. Take the work of Prof. Prentiss and Prof. Bailey in New York, of Prof. Cook in this State, but now in California, of Prof. Daniells in Wisconsin and Prof. Bessy in Nebraska. It is hard to stop here, but I will mention only one more. When Queensland, Australia, found herself lagging behind in the race for agricultural prosperity she sent a request to the authorities at Washington to select some American who could put them on the track of American methods in agriculture, and bring the farming of that far-off continent abreast with the age and up to the times. They selected E. M. Shelton, an alumnus of this College, but at that time Professor of Practical Agriculture in Kansas Agricultural College. They offered him a large salary for six years' service, paying all the expenses of his

men and women of high moral worth, and command the respect and confidence of the public.

Dr. Novy's Lecture on the Black Plague.

A large number of College people had the privilege of hearing Dr. Novy of Ann Arbor lecture Friday evening on the Black Plague. Dr. Novy is one of the foremost bacteriologists in this country. We quote briefly from his lecture. The ravages of war are not to be compared with the destruction caused by the plagues. There were 200,000 lives lost during the four years of our civil war, but the white plague, consumption, carries off 200,000 lives every year.

The Black Plague was known during the reign of Justinian, but nothing definite was known of its

be done by inoculating a susceptible animal with the poison produced and then taking the serum from this animal and inoculating man. Dr. Novy had the germ growing artificially and also exhibited it on a slide under the microscope, so we were able to get a good conception of it. A. B. V.

Baseball.

The opening of the spring term finds baseball enthusiasm at white heat in spite of considerable frost in the atmosphere. The arrival of Coach Gayle Thursday night and the fact that Manager Morrow has arranged a good schedule of games for the second nine, have brought out fully twenty-five promising candidates who hope to gain places on one of the teams.

Thursday afternoon an eight-inning game with the Lansing high school resulted in a score of 10 to 7 in favor of the College. It was too cold to play very fast, which is sufficient excuse for rather poor fielding, but does not account for a lamentable weakness in batting.

Systematic work to improve batting should be one of the principal features of early practice.

The schedule of games for the second nine is as follows: Eaton Rapids here, April 16; M. A. C. at Charlotte, April 23; M. A. C. at Eaton

Rapids, April 30; Charlotte here, May 21. On intervening dates several games will be played with Lansing high school.

The second nine should be well supported, not only because a strong second nine can give the first nine the best kind of home practice but also because it must furnish recruits for the first nine. Vacancies frequently occur in any college team and when they do occur the most natural place to look for a substitute is among the men who have been playing regularly on the second team.

Enjoys the Science Bulletins.

ROGERSVILLE, MICH.

April 6, 1898.

The Secretary Agr'l College.

DEAR SIR:—Bulletins Nos. 1 and 2 of Elementary Science are received and I enjoyed reading them very much indeed, as I think every farmer will who loves his work. Thanks for them. Yours truly,

B. T. SCOTHAN.



WINTER ON THE CAMPUS. WILLIAMS HALL IN FOREGROUND.

journey. In the six years he has moulded and transformed the agriculture of Queensland so that at the end of the six years, instead of parting with him, they have created an agricultural college on the Michigan pattern, and installed E. M. Shelton as president.

In matters of general education the people of this State have recognized the value of the training of this College by electing J. E. Hammond, one of our graduates, Superintendent of Public Instruction.

A graduate of another college who travels over our State to sell choice microscopes and optical supplies for a Rochester house, remarked a few days ago in the chemical laboratory, "I find graduates of M. A. C. everywhere. They are strong men. They get good places and hold them."

It might be expected that out of 765 graduates one black sheep would be found, but not one of them has ever filled a cell in the State prison or been prosecuted for grand larceny. As a rule they are

cause until the higher powers of the microscope were brought into use. Then it was discovered that a small micro-organism was the cause of the disease. Now if this particular germ is the cause of the disease, it will be present in every case of the disease. It must be grown outside of the body and when inoculated into a susceptible animal must produce this particular disease. Man is not the only animal susceptible to the black plague. Rats are even more susceptible than man.

There are two forms of this disease: 1st. The classical type with the enlarged glands. 2d. The lung type, where the disease enters directly into the lungs. This disease is very contagious, being transmitted by the clothing, touch of the hand and the kiss of the lips; but the most important way is by inoculation, by a cut or scratch coming in contact with the germ. This germ is very small, taking 15,000, placed end to end, to make one inch. Our chief concern, however, is to prevent its growth. This can

THE M. A. C. RECORD.

PUBLISHED WEEKLY BY THE
MICHIGAN AGRICULTURAL COLLEGE.

EDITED BY THE FACULTY,
ASSISTED BY THE STUDENTS.

SUBSCRIPTIONS SHOULD BE SENT TO THE SEC-
RETARY, AGRICULTURAL COLLEGE, MICH.

SUBSCRIPTION, - - 50 CENTS PER YEAR.

Send money by P. O. Money Order, Draft,
Registered Letter. Do not send stamps.

Business Office with LAWRENCE & VAN BUREN
Printing Co., 122 Ottawa Street
East, Lansing, Mich.

Entered as second-class matter at Lansing, Mich.

For various reasons THE M. A. C. RECORD is occasionally sent to those who have not subscribed for the paper. Such persons need have no hesitation about taking the paper from the postoffice, for no charge will be made for it. The only way, however, to secure THE RECORD regularly is to subscribe.

Official Directory.

Y. M. C. A.—Regular meetings Sunday evenings at 7:30 and Thursday evenings at 6:30. C. W. Loomis, President. E. M. Hunt, Cor. Secretary.

Y. W. C. A.—Weekly meetings for all ladies on the campus, Tuesday evenings at 8:00, in Abbot Hall. Sunday meetings with the Y. M. C. A. Miss Russel Taylor, President. Miss Emma Bach, Cor. Secretary.

KING'S DAUGHTERS—Meet alternate Wednesdays. Mrs. J. L. Snyder, President. Mrs. W. Babcock, Secretary.

NATURAL HISTORY SOCIETY—Meets second Friday of each month in the Chapel at 7:00 P. M. T. L. Hankinson, President. O. W. Slayton, Secretary.

BOTANICAL CLUB—Meets Monday evenings at 6:30 in the Botanical Laboratory. B. Barlow, President. Miss Marie Belliss, Secretary.

SHAKESPEARE CLUB—Meets Wednesday evenings at 7:30. Dr. Howard Edwards, President.

COLUMBIAN LITERARY SOCIETY—Meets every Saturday evening at 7:00. Fourth floor, Williams Hall. T. L. Hankinson, President. C. S. Parks, Secretary.

ECLECTIC SOCIETY—Meets every Saturday evening at 7:00, Fourth Floor, Williams Hall. W. J. Merkel, President. L. H. Taylor, Secretary.

FERONIAN SOCIETY—Meets every Friday afternoon at 1:00, West Ward, Wells Hall. Jennette Carpenter, President. Bertha Malone, Secretary.

HESPERIAN SOCIETY—Meets every Saturday evening at 7:00, West Ward, Wells Hall. L. J. Cole, President. A. J. Cook, Secretary.

OLYMPIC SOCIETY—Meets every Saturday evening at 7:00, Fourth Floor, Williams Hall. George Campbell, President. T. J. Leavitt, Secretary.

PHI DELTA THETA FRATERNITY—Meets every Friday evening at 7:30, East Ward, Wells Hall. C. M. Krentel, President. J. L. S. Kendrick, Secretary.

THEMIAN SOCIETY—Meets every Saturday evening at 7:00, Chapel. Irma Thompson, President. Harriet O'Connor, Secretary.

UNION LITERARY SOCIETY—Meets every Saturday evening at 7:00, U. L. S. Hall. F. W. Robison, President. C. H. Hilton, Secretary.

TAU BETA PI FRATERNITY—Meets on alternate Thursday evenings, Tower Room, Mechanical Laboratory. F. V. Warren, President. C. A. Gower, Secretary.

CLUB BOARDING ASSOCIATION—E. A. Calkins, President. Lucy E. Monroe, Secretary.

M. A. C. ATHLETIC ASSOCIATION—F. V. Warren, President. E. W. Ranney, Secretary.

Manual Training in the College Curriculum.

The principles underlying the making of courses of study for high schools was one of the important subjects discussed at the recent meeting of the School Masters' Club at Ann Arbor. The principal address on this subject was made by Prof. George B. Alton, State inspector of High Schools for Minnesota. He claimed that the industrial arts should be given a prominent place in high school work, and along with other good things, he said,—"No amount of athletics or play can bring about such good results as real labor. There is a certain stability and power of will that can be hardly had in any other way than by productive labor. Thus it is that the farm bred boy often does better at college than the city reared youth."

The founders of the Agricultural

College more than forty years ago adopted manual labor as a part of the curriculum. While the character of the labor performed has necessarily changed to meet new conditions, yet the "labor system" still remains; and now the distinguished teachers who have made a profound study of the philosophy of education, rise up and tell us that no system of instruction turns out such well trained, all round men as that system which unites labor and study, theory and practice, the trained eye and the trained hand with the trained head. This principle is now universally accepted by thoughtful educators, and as a result manual training schools are being erected in almost all our large cities, and in such smaller cities as can afford them. Within the last twenty-five years hundreds of industrial and technical schools have sprung up all over this country, in which manual labor is as much a part of the course of study as is mathematics. These schools are turning out a class of men who have strong bodies, well trained minds, and the skill of hand necessary to apply the truths of science to the actual necessities of life. This system of education is in harmony with present day progress. It repudiates the old idea that education, soft hands, and broadcloth, go together.

The dead languages do not occupy the whole domain of education as they did at one time. Harvard University when founded offered but one course of study and that was the classical course. The same classical course is now but one of the twenty-two departments of the great University, yet with all this progress there are a few people who think that the only way to acquire a liberal education is by studying the dead languages. This, of course, is one way, but only one of the several ways and usually not the best one.

That the founders of the College, in forming a plan of instruction, builded wisely, is demonstrated not only by the universal success of the graduates of the College but also by the development and teachings of modern educational science.

Fifteen Objections to Taking a College Course at M. A. C. with Replies.

DR. W. J. BEAL.

OBJECTIONS.

1. It costs too much.
2. I have not the money to pay the expenses.
3. I cannot afford the time in the prime of life.
4. An education such as that possessed by my father and mother is good enough for me.
5. I do not like to study; I have to work very hard to learn a little.
6. I do not want to teach, preach, practice medicine or law; and as for farming, a man needs no learning above the common school.
7. I have a splendid chance to serve as a clerk in a store and may never get another opportunity.
8. I think I had better get married and settle down before long.
9. I am getting too old.
10. Just look at Z. Y. X.; he went to college and he has not amounted to anything. His life has been a dismal failure. He is full of theories and lacks good practical sense.
11. See what a smart man Gov.

Luce is, and he never went to college; and there was Abraham Lincoln, another one hard to beat; he became president of the United States and yet he never had much schooling. There are a great many others that could be named, who have become successful in business, getting rich or eminent in one way or another.

12. I can read the papers and discuss topics in a grange or farmers' club and manage to get along.

13. I am going to learn the carpenter's trade with Uncle Jerry, or possibly, I may conclude to learn a trade in General Hiram's machine shop.

14. I am a young woman and do not need to know more than my associates.

15. I can learn music in the village, and as for cooking and sewing and housekeeping, I can learn these of ma, and what more does a woman need to know, unless she intends to teach school.

REPLIES TO EACH BY NUMBER.

1. The money spent in acquiring an excellent education, provided it is not done at the cost of good health, is a fine investment, surer to bring ample returns every day afterwards than money invested in any other way. This is the universal testimony of all who have tried it.

2. Unless a vigorous young person has to support some one besides himself, he can earn money to pay all his expenses, though he may need to spend five or six years in completing a course of four years. But the great effort and sacrifice will pay in the long run. After all, it is best that a pupil should have some help financially.

3. The four to six years required in school or college to secure a good education, is not in any sense to be considered a loss of valuable time, but it is rather a thorough preparation for the best kind of work, and enables the possessor to overcome difficulties and win success sooner than would otherwise be possible, thus not losing four years of one's life but rather adding four years or more because success is likely to come so much the sooner.

4. The times now are very different from what they were when your parents were young, and the opportunities for acquiring an education are much better. The civilized world does not remain stationary. The men who make the best preparation win the best positions.

5. The person who has to work hard to learn his lessons, is likely to acquire the habit of industry, and continued application is almost sure to bring victory. He who will not study, must not expect to occupy a high position anywhere.

6. There are yet only a very small number of men engaged in farming who had the benefit of an education in an Agricultural College, but a good per cent of these men have demonstrated above question the advantages of such training. It enables them to work to better advantage; they not only make more money on account of their knowledge and discipline, but what is of more importance, their capacity for enjoyment in many ways is far in advance of those of little discipline and knowledge.

7. If you have a good offer to engage in business at the present time, it indicates that you are "made of the right stuff." A college training will increase your chances for securing good places.

8. Ask Jerusha Jane to wait a

little and go to M. A. C. and secure training for the duties of life, before getting married.

9. It is better late than never, and the age of twenty-five or even thirty should not deter persons from entering on a course of training enabling them the better to cope with the difficulties of life.

10. True, some men with a college training have not been a success in life's work in any sense of the word, but such training on the average increases their chances amazingly. There is not the least doubt about it, for statistics have confirmed the statement.

11. There is no doubt that many a man has won success, even though he did not go to college, but it took him much longer to reach this result. In most cases such men struggle hard under great difficulties and acquire very fair education before becoming prominent. The two eminent persons named often expressed deep regrets for not having had better opportunities, such as are afforded by a college. Those educated in college are very few indeed, when compared with those not so trained, hence the comparison of successful men educated and not educated is an unfair one.

12. While reading papers and discussing topics in grange and club are all useful, they do not give a foundation comparable with a training in a good Agricultural College.

13. It will take a longer time for an apprentice to learn a trade than it will to go through college, and when the trade is learned he is not so well equipped to cope with difficulties as a mechanic who has the good education accompanied by laboratory work in considerable variety. In these days most men who are employed in shops are set to work to perform a few kinds of labor only.

14. The training for women, younger or older, at M. A. C. is of the modern sort and includes lessons in cooking, sewing, household economy, in connection with studies and laboratory work in science, literature, music, etc.

15. The instruction is thorough and systematic in laboratories fitted for the purpose and presided over by persons who are well trained and well read, each in his specialty.

Finally, if a person has any aspiration for positions of honor or trust, he should know that a college training will give him a wider knowledge of the world and is just the best thing to help in these undertakings. Careful estimates have shown that promotions of this character are about two hundred times greater for the educated man than for the uneducated. With an extensive acquaintance among college men and women, I do not remember ever to have heard a person express regret for having completed a course in college. On the contrary, every one has expressed his satisfaction in unqualified terms. As once quoted from *The Industrialist* "The bulk of good work in the world—discovery, invention, government, philanthropy, and religion—is brought about by those who learn to think by study. Our pleasures grow out of what we are ourselves more than from surroundings. A well trained man sees, hears, and handles a great deal more of the world than an untrained one. All things do him good, not so much because he owns them as because he understands them. He always has good things to think about."

On the contrary, "There may be *ennui* that is more soul-destroying, but I have never known any that caused such evidently acute suffering as the form which seizes upon working men in hours of enforced idleness. A day which shuts them within doors, furnishes awful evidence of the poverty of their lives. Most of the men [in the lumber camp] can read, but not to one of them is reading a resource."—*Walter A. Wyckoff, in Scribner for Nov., 1897.*

If these statements be true, then every person who enjoys the privilege of a good education has excellent reason for urging all of his young friends to persist in training mind and hand to fit themselves for enjoyment and usefulness.

Literary Culture.

IRMA G. THOMPSON, THEMIAN SOCIETY.

Few can tell accurately what the future will hold for them and often their preparation for that future is sadly at fault. It is an excellent plan to be ready to meet any phase of work which Fortune deals out to us, be it theoretical or practical, mental or manual; but no matter what branches we specialize, or leave out entirely, good literature is as necessary for our minds as good food is for our bodies. Literary culture enables us to study and become familiar with the wise men and women of both past and present, and in studying and absorbing their good thoughts we cannot help but generate similar ones in our own minds.

Literary training enlarges the compass of the mind, elevates the standards of life, and gives one an idea of what is going on around him, of the men and women in other cities, states, and countries and what they are doing for the world. As in all other things, there is a distinction between good and bad literature. This should be observed carefully, for of all things, cheap or trashy reading is to be avoided; and in order to be able to distinguish it, one should be familiar with the names of authors who write good, clean, wholesome thoughts. The mind is a storehouse and each one is responsible for the kind of merchandise he puts there, whether it leads his thoughts and actions to a better standard, or stays in his brain to poison the good which is already there.

What does it mean to be a student of literature? Merely to know who wrote this or who translated that? Or does it mean getting acquainted with authors by analyzing their thoughts, by reading their biographies, by studying their characters? We should try to imagine what such a man or woman would think on such a subject and form our opinions according to our estimate of the author's character. It is not just to judge a writer's expressions according to our own narrow ideas. It is not enough to know that Lew Wallace wrote Ben Hur; but we should know what lessons he taught in his book, what principles and what contrasts he gave us to think about.

Again, when one has studied the thoughts of others, he naturally has thoughts of his own and feels a desire to express them, but perhaps he is timid and has not self confidence enough to speak them, or he feels his inability to write and arrange them correctly. Then is

the time that he needs training and practice which can only be obtained in a club or society of young or old folks, gathered together for the same purpose, each one helping and strengthening his neighbor and all working with the same great aim—to be better, nobler, truer men or women.

At the College.

At Kalamazoo next Saturday the boys play their first scheduled game of baseball.

Miss E. Pearl Kedzie has been chosen commencement orator to represent the Women's Course.

Miss Anna Campbell, daughter of Representative Campbell, visited Mr. and Mrs. Gunson last week.

There will be a meeting of the RECORD board of editors this evening (Tuesday) at 6:30 in the English office, College Hall.

Lost, last Tuesday, four dollars, supposed to have been dropped in the post office. Finder will be suitably rewarded upon leaving it at the Secretary's office.

The King's Daughters will meet with Mrs. Snyder Wednesday afternoon at 3 o'clock. Subject, "The Risen Christ and His Disciples," John 21, 1-14. Text, "Keep."

The whole interior of the bath house is being remodeled. When completed there will be four tubs and six showers; the floor will be concrete and the woodwork southern pine.

Prof. J. C. Bartholf, editor of the *Youth's Instructor*, Battle Creek, Mich., delivered a very able lecture to the students Sunday morning. His subject was the Gospel of Individualism. He showed that self is developed best by striving to help others and that the true gospel of individualism is a gospel of love no less than that of Christ. Mr. Bartholf is a very pleasing earnest speaker, and if he should devote his efforts to platform work he would certainly take a high rank among popular platform orators.

The Tuberculin Test.

During vacation week, the 3d annual test of the College herd was applied. Ninety-eight animals were tested. Excluding the animals previously condemned and now isolated in the experimental barn, there was only one positive response to the tuberculin injected. This cow was one of the grade dairy herd and was tested last fall, when purchased, without any positive reaction. A post mortem examination of this animal revealed tuberculosis in its incipient stage.

Of the previously condemned cattle in the experimental barn, we have reason to feel encouraged that some of the best cows will eventually throw off the disease under careful hygienic treatment. Five of the eleven reacted.

Some interesting results were obtained from the study of normal temperatures for two days of the four consumed in the work. Such results will be of invaluable assistance in future interpretations of the test; and they emphatically indicate that too much caution cannot be exercised in the application of the test and in the interpretation of its results.



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News from Graduates and Students

B. F. Bain, '93m, is at Oil City, Pa.

Leroy King, with '98, was on the campus Saturday.

W. W. Tracy, '67, called at M. A. C. last Tuesday afternoon.

Mrs. A. F. Gordon of Grand Rapids visited in Lansing last week.

Prof. W. M. Munson, '88, of Maine, called at M. A. C. last Tuesday.

Leander Burnett, '92, of Kalamazoo, spent Sunday, April 3, in Lansing.

Prof. A. A. Crozier, '79, is at Honolulu, where he expects to remain for a time.

The College friend with whom Dale A. Smith, '88, has gone into partnership in Grand Rapids, is H. Z. Ward, '90.

L. C. Colburn, '88, who is now living at Bangor, Michigan, has been spending a week at the College and in Lansing.

John W. Toan, '90, G. H. Frace, '95, and J. G. Veldhuis, '95, will graduate from the Detroit College of Medicine May 12.

Dor N. Stowell, '92, has been spending his week of vacation from school work at the College, taking special work in botany.

Robert L. Clute, '96, stopped at the College Friday on his way home from Ypsilanti, where he has been attending the Normal.

R. J. Robb, with '98m, called at College Saturday. He has just finished the preliminary survey for the Lansing Dexter and Ann Arbor electric railway.

Friday, we ran across I. R. Jones, with '95m, of Delton, Barry county, making long strides for a train in Lansing. He has been traveling for the McCormick Harvesting Co. for some time.

James Kimball, who was recently given a position in the weather bureau at Washington, D. C., has been ordered to Dubuque, Iowa, as an assistant in the station at that place.—*State Republican*.

Ben. H. Halstead, with '97, has finished his course at Indiana University and is working in his father's law office at Petoskey. He will return to Bloomington for graduating exercises in June.

Miss Grace Fuller, '91, who has been a teacher in the Larch street schools of Lansing for five years, left last Monday evening for Newark, N. J., to accept a position as teacher in the schools of that city at an increase in salary of \$200.

Chace Newman spent one day of vacation with C. E. Hoyt in Grand Rapids. Mr. Hoyt is rooming with J. M. Barnay, with '98m, in Chicago. The latter is employed at Lewis Institute as assistant in the machine shops and instructor in the night school.

A long and interesting letter comes from L. C. Brooks, '92m, 515 Liberty street, Schenectady, N. Y., where J. H. Steele, '96m, is also rooming. Both are working in the draughting department of the General Electric Company, and Mr. Brooks has recently been the recipient of an increase in salary. He is every year more thoroughly convinced that M. A. C. is a good place to get an education, and

says,—“If people could only be made to realize what the Mechanical Course gives and the small expense required to get it, the present buildings would be far too small, and I hope that time isn't far away.”

The College Year Book.

Seldom, if ever, has the College made such a happy combination of advertising material with the dissemination of valuable information as is found in the “Year Book” just now coming from the press. The Year Book is an almanac, a collection of up-to-date recipes, and a source of valuable hints and suggestions on a wide variety of topics. There are suggestions for the culture of sugar beets; for the management of the dairy, farm, garden and orchard; more than half a hundred recipes and hints for the house-keeper; tables of weights and measures; of quantities of seed to sow per acre, of distances for planting vegetables, of balanced rations for live stock; spraying formulæ; remedies for the most common diseases among animals,—in short, a small cyclopedia for the farm home. To quote from the Year Book: “Every item, unless credited otherwise, was furnished by some department of this College, is fresh, up-to-date, accurate and reliable.” This book will be sent to any address on receipt of four cents in stamps, as long as the supply lasts.

The Wandering Singer and His Songs.

One of the handsomest College souvenirs ever published is the book of poems by Frank Hodgeman, '62, of Climax, entitled “The Wandering Singer and His Songs and Other Poems.” The book is bound in pebbled white cloth with blue and gilt trimmings, contains 185 pages, and is printed on excellent paper with full gilt edges. It is beautifully illustrated with half-tones of College and other scenes and with sketches by Prof. W. S. Holdsworth, '78, and E. N. Thayer, '93. In that part of the book devoted to College poems there is hardly a page that does not suggest sweet memories of days gone by, not only for the student of the sixties but for the student of the nineties as well. Everybody who has seen the work is delighted with it.—M. A. C. RECORD, Feb. 8, 1898.

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