

The M. A. C. RECORD.

MICHIGAN STATE AGRICULTURAL COLLEGE.

VOL. 9.

LANSING, MICHIGAN, TUESDAY, JAN. 5, 1904.

No. 15

BASKET BALL GAME.

The first game of the season will be played in the Armory Saturday at 7:30 p. m. The visiting team is the Chicago West Side Athletic Club. This team won the amateur championship last year. The game will be a hard one and M. A. C. will have an excellent opportunity to try her efficiency.

TO A YOUNG FRIEND GOING AWAY FROM HOME TO GET AN EDUCATION.

The above is the title of an article by Henry Van Dyke, of Princeton University, in *The Churchman* and made the first article in the *Educational Review* of Oct., '03. Several have thought it wise to publish it in THE RECORD on account of its excellent suggestions. There is much in it for student and teacher, young and old, and will bear careful reading. Dr. Van Dyke writes as follows:

My dear Friend: A good many years ago I did what you are doing now. Since then things have changed a little in our American schools and colleges. The term opens later in the fall and closes earlier in the summer. Students' rooms are finer and warmer. "Entrance requirements" are larger and stiffer. Tallow candles have gone out, electric lights have come in, and even kerosene oil has been refined to astral brilliancy. You are going to have more teachers, more elective courses, more expenses, more athletic trainers, more "modern advantages," including probably more kinds of food than I had. But, after all, these changes do not make any real difference in the meaning of the fact that you are going away from home to get an education. Your outfit may be better than mine, and the road may be a bit smoother; but you are starting on the same journey, and you have to face the same question: What goal are you going to make for, and how are you going to travel, straight or crooked?

To answer this question rightly you must, first of all, remember that you are now a member of a privileged class. You are old enough to earn your own living. Under ordinary conditions, you would have to do it. But you are going to be exempt from that necessity, in all probability, for four years, seven years, ten years—as long as it may need to complete your course. During all that time you will be let off from the common duty of taking part in the world's work. Even if you should do something to help pay the expenses of your education by laboring in vacation and between times, you would give far less than you would get; and the opportunity to do at least that much has been made possible only by the generous benefactions and endowments of unknown friends.

Yes, you owe it to yourself to look the fact in the eyes. You are a person set apart; a guest at the

world's table; a consumer, not a producer. No one will ask you what your trade or business is. All that will be asked of you is how you are getting on with your education. You will be permitted to devote all your time and energy to yourself, and somebody else will pay for your living.

Who is going to do this generous thing for you? Well, a good many people will have a share in it. First of all, your parents will do the greater part of it. You know something of the sacrifices and gifts that they will have to make in order that you may enjoy your years of privilege and opportunity. Then, the community to which they belong has a part, indirectly, in making it possible for them to give you an education. Then, the people who have given the money to found institutions of learning and keep them going for the sake of you and others like you, contribute directly to your benefit. Then, the great army of teachers who are spending their lives in hard work for small pay make an offering in your behalf. Finally, the State, the Nation, by its appropriation of public money for educational purposes (which are really bound together and interdependent), makes you its beneficiary.

Now your own sense of honor must tell you, at once, that you cannot fairly accept such benefits as these without incurring great obligations. Why have these people put you into a privileged class? Why does the world, in effect, agree to pay for your living while you go on with your education? The question comes up to you.

The answer is plain and straight. The world pays for your living in order that your life, through education, may become of more value to the world. That is the essential fact, the point of honor, which you must never forget. You are taken care of and provided for during a period of years when you are (or at least ought to be) able to provide for yourself, with the definite design that your intelligence, your character, your purpose and power of doing good work may be so developed that you may be worth more to your fellow-men than you are now, and worth enough more to pay for what it is going to cost to educate you. If you accept your place in a privileged class on this condition, it is all right. You are not an idler, a burden, a pauper. You are an investment. But if you take the privilege and refuse or dishonor the obligation, you are an object of misplaced charity, a cheat, a fraud.

What you have to do, then, is to make up your mind that you will get out of your education the thing for which it is given to you—a richer, fuller, stronger life, of which the world shall receive the benefit.

Take your studies as they come, but make them count for something before they go. They will be of two kinds: those that you like, and those that you dislike. Use the former to develop your natural gifts and the latter to correct your natural defects. There is a great difference

in minds. Some are first class, some are second class, and so on. You can never tell what kind of mind you have got unless you test it thoroughly by hard work. Even if it should appear to be second class, do not be discouraged. A second class mind well cultivated will yield a great deal more than a first class mind left fallow. All that you have to do is to make your own garden (not some other man's) give the best crop of which it is capable. Examinations and grades and classroom marks are "government crop estimates." As a rule, they are fairly accurate. But, after all, it is not the estimate, but the crop itself that comes to market and feeds the world. You know what you have learned, and you have learned just as much as you know.

Make your friends with a purpose of enlarging your life, your tastes, your sympathies, your hopes. Follow your inclinations in forming acquaintances, but keep your eyes open, and see where they are leading you. Have some friends to whom you look up, and some who look up to you. Be a grateful receiver as well as a generous giver.

Play the out-of-door games that suit you and give you honest pleasure. They will suffice to give you all the physical training that you need. The object of athletic sports among amateurs is two fold: first, to relax and amuse the mind; second to keep the body in good condition for the real work of life—which is not athletic sports. There is no advantage in cultivating more muscle than you are likely to have any use for unless you are going to be a professional athlete. On the contrary, it is a burden and a danger. What you want is a body that will be a ready, cheerful, and capable servant to your mind.

Do not starve or neglect the spiritual side of your nature. The best and wisest men of the world have all agreed that a full and noble life is not possible for a man without religion. It would be a poor outcome for you and for the world if your education should end in that half-knowledge which, as Lord Bacon says, tends to atheism. But even atheism, it seems to me, is better than the dead and dry religion which exists without praise, without good works, without personal prayer. Give your best thought, your deepest feelings to the subject that means most—the true and immortal life that is brought to light in Jesus Christ.

Take your privilege with its obligations. Let the world pay for your living now. But make sure that your education fits you to pay the world back for all you have received, in a life equipped and disciplined for fine service among men.

Faithfully yours,
HENRY VANDYKE.

With '94.

H. D. Baker, who is in the real estate business in St. Croix Falls, Wisconsin, visited M. A. C. during the holidays. He reports everything prosperous in his line.

ALUMNI.

'64-'66.

W. P. Wilson, director of the Commercial Museum, Philadelphia, is in St. Louis getting together a large exhibit from the Philippines. There will be 1,400 people, natives of the islands, representing different tribes.

'67.

W. W. Tracy, Sr., of the U. S. Dep't of Agriculture, is diligently engaged in an effort to describe all the plants grown in the vegetable gardens of this country,—a most difficult task, for which he is perhaps the best qualified of any person, anywhere.

'68.

S. M. Tracy, Biloxi, Mississippi, is happy in his work studying the southern flora. He is an active worker in several national scientific societies. At meetings of these societies he always has a group of congenial persons about him.

'69.

C. E. Bessey attends many scientific societies, of which he is a member. He is a diligent and successful botanist, at the head of that work in Nebraska University. One of his hobbies at present, as president of The Wild Flowers Preservation Society of America, is to talk and write in season and out of season to everybody anywhere with regard to sparing wild flowers.

James Satterlee, professor of Horticulture and Superintendent of the grounds at M. A. C. in '83 and '84, visited his Alma Mater New Year's day. Mr. Satterlee owns a 300-acre farm near Greenville and is engaged in general farming. He has given up wheat culture and makes beans and potatoes his money crops. He raises considerable corn but uses it mostly in connection with his Jersey herd. He lives in town at present and hires a man to look after his farm. Mr. Satterlee helped to clear No. 9 and pulled stumps where the Library Building now stands and from there east. He rejoices in the prosperity of M. A. C. and has kept a live interest in its development. For a vacation, he takes a Pennsylvania trip for D. M. Ferry & Co. Though it is more than a generation ago since Mr. Satterlee was a student here, he is still a well preserved man. Mrs. Satterlee's health has been rather poor for several years.

'89.

Ray Stannard Baker is spending a few weeks at his home in the Delta. He has been in Colorado investigating labor problems.

Special '89-'90.

Principal Charles T. Grawn of the Central Normal takes a six months' leave of absence to study pedagogy at Columbia University. Mr. Grawn has worked hard to bring the Central Normal to the front and has succeeded in bringing it on a basis equal to that of the Normal College at Ypsilanti.

THE M. A. C. RECORD.

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

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TUESDAY, JAN. 5, 1904.

THE M. A. C. RECORD wishes all of its readers a Happy New Year. May you prosper according to your efforts. May you find plenty to do and have strength to do it well. May you be blessed and be a blessing. May you have spiritual welfare as well as material. And one thing more, may you have the courage and thoughtfulness to send every once in a while a letter about yourself or other M. A. C. to ye editor so that his personal columns may grow fat and thus avoid the appearance of collections instead of contributions.

ALUMNI.

'83.

A. C. Bird has been appointed superintendent of the State Census by Secretary of State Warner. Mr. Bird will immediately begin his work. The copyrighted system of cards instead of the usual schedules will be employed. The Massachusetts system has been recommended by the U. S. Department. Mr. Bird visited Boston, New York and Philadelphia examining the census systems of the different states and will go east again this week to further study census methods, especially in Washington. Mr. Bird is well known as a business man, is systematic in his work and has extraordinary power as an organizer. He is an excellent man for the position.

With '83.

William G. Smith, of Portland, Michigan, was one of the victims of the P. M. wreck near Grand Rapids on Saturday evening, Dec. 26. Mr. Smith went to Grand Rapids on Thursday to spend Christmas with his family who had been guests of Mrs. Smith's mother for several days. Saturday evening Mrs. Smith bade him farewell at the Union Depot and was a little later called up by Mr. Smith's brothers from Portland informing her of the terrible accident. His body was found in one of the morgues. Death was due to exposure and loss of blood, as the bruises were not such as would have caused instant death or necessarily proven fatal. Mr. Smith was a prosperous farmer of excellent habits, quiet and retir-

ing and well liked by all who knew him. THE RECORD extends sympathy to the bereaved family and friends.

'84.

R. J. Coryell, of Colorado, is visiting Detroit and vicinity. He is starting a nursery near Detroit, intending to return in a year or two to engage in landscape architecture in connection with the growing of herbaceous and woody plants.

With '84.

Hon. Fred M. Warner, secretary of state, has sent out very neat Christmas greetings. "Good cheer for the holiday season, and health, happiness and prosperity for nineteen hundred four, is the Christmas greeting of this Department to you." Signed, FRED M. WARNER, Secretary of State. CHARLES S. PIERCE, Deputy Secretary of State.

'90.

Fred B. Mumford is Professor of Agriculture and acting Dean of the Agricultural College of the University of Missouri. Last year the Regents granted him a leave of absence to study in Europe for fifteen months with a continuance of salary. Since his return, his salary has been twice raised. He thinks M. A. C. must bestir herself, as some of the western agricultural colleges are moving ahead with astonishing rapidity.

'91.

Atty. A. T. Sweeney has been appointed judge of police court in Newark, N. J. His law practice is large and will not be serious hampered by this appointment. His wife, Jessie Foster, '91, is well and enjoys the east.

'92.

"Margaret Belle is the name of a brand span new daughter, born December 19, to Mr. and Mrs. B. W. Peet, of Ypsilanti. Mr. Peet is instructor in chemistry in the Normal. When he was a student at M. A. C. he and the other members of his class voted to name ye editor's baby 'Margaret.' It seems that B. W. still admires the name."—*Moderator-Topics*.

Dr. Howard E. Baker visited M. A. C. Sunday, Dec. 27. He is a general practitioner in Detroit and is enjoying a good patronage.

'93.

D. J. Crosby, formerly managing editor of the M. A. C. RECORD and instructor in English at M. A. C. has made quite an impression in Missouri. The *Moderator-Topics* of Dec. 24, '03, makes the following comment: "Another Michigan boy has come to the front in the later educational movement. D. J. Crosby—we used to call him 'Dick' at M. A. C.—of the National Department of Agriculture has been making a careful study of the teaching of Elementary Agriculture. His recent campaign in Missouri is highly commended by the *Missouri School Journal*, and it would be well for commissioners and superintendents to send for circulars of information to the department at Washington."

L. J. Briggs, assistant chief of the Bureau of Soils, made many inquiries concerning this College. He presented three papers to Section B—Physics of the A. A. S. They would not be clearly understood by the Agricultural Sophomore at M. A. C.

With '94.

H. S. Emlaw is a consulting mining engineer in Salt Lake City, Utah.

'95.

Thorn Smith is the father of another boy; this is number three in the boy line.

M. G. Kains has had editorial oversight of the horticultural, agricultural and botanical departments of the New International Encyclopedia. He has also prepared the appendices to a book entitled, *How To Make A Flower Garden*, by Doubleday, Page & Co.

With '95.

H. F. Wellman has a farm near the College and is doing well. He spends his vacations working for the Farmers' Mutual Insurance Co. He and his wife are well. They have a pair of twins 4 years old and a baby girl of 18 months.

J. C. Butler has a good farm near Portland, Mich. He is taking much interest in farmers' institutes.

'97.

E. D. Sanderson, of the Texas Agricultural College, was at St. Louis with papers pertaining to Economic Entomology. He was eager for all items concerning M. A. C.

With '98.

J. C. Nichols was married to Miss Hattie Drake on Dec. 24, '03. Rev. J. E. Smith, uncle of the groom, from Kalamazoo, performed the ceremony in the presence of sixty guests. Mr. and Mrs. Nichols will spend a few days in Michigan visiting relatives, after which they will be at home in Toledo, Ohio, where Mr. Nichols is in the employ of the City Railway Co.

Miss Bertha Baker, a teacher in the public schools of Newark, New Jersey, spent the holidays visiting her folks west of the College. She enjoys her work and teaches evenings as well as during the day time.

'99.

Married, Thursday, Dec. 31, '03, Allan Stone to Miss Mary Knaggs, '01. THE RECORD wishes them a long and smooth voyage.

Wm. D. Hurd, professor of agriculture in the University of Maine, at Orono, visited his home in Lansing during vacation and was a caller at the College. He reports everything progressing in Maine and that Prof. Munson, '88, continues to keep the horticultural department right to the front.

'00.

R. S. Northrup, instructor in horticulture, in Cornell University, visited M. A. C. last week. He says that Prof. Bailey is working very hard and that everything in Cornell is moving along splendidly.

With '00.

Clara J. Stocum is teaching Science and English in a Wisconsin high school. She called at M. A. C. during vacation.

'02.

H. E. Young—Mabel McCormick, married, Wednesday, Dec. 30, '03. They will be at home in Huntington, Ind., after Jan. 15. The RECORD extends its best wishes.

W. F. Uhl is drafting for the Stillwell-Bierce and Smith-Vaile Co. of Dayton, Ohio. At present he is designing a large wheel for the U. S. government to be used in geological surveys. The courses in drawing and mechanical design at M. A. C. are very thorough and complete. Nearly every graduate from the mechanical course is an expert draftsman and finds no difficulty in securing, and, what is still better, holding a good position.

'03.

W. M. Barrows of Harvard University visited M. A. C. during vacation. He is a junior there and is doing special work in Biology. The study of the leech has been one of the courses the past fall. Harvard is full of theory but lacks a little in practical work. However, the standard is high and a scholarly spirit prevails. Classes recite six days instead of five. The department of engineering is especially crowded. Chapel is voluntary, like at M. A. C., and only the theologians form the habit of attending.

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ABOUT THE CAMPUS.

Mrs. L. G. Holbrook is entertaining her mother, from Muir, Mich.

Prof. Babcock and family visited in Ann Arbor a few days last week.

Dr. W. J. Beal attended a meeting of scientists in St. Louis, Mo., last week.

Prof. and Mrs. Brewer have spent the vacation visiting their homes in Wisconsin.

Miss Caroline Balbach, of Grand Rapids, will assist in the library for this year.

Mrs. Linda E. Landon spent Christmas at the home of her mother in Niles, Mich.

Prof. F. S. Kedzie was an expert witness on the Ferguson poisoning case in Mason on Dec. 28.

The ice crop for 1904 has been harvested. The house is full and the ice is of superior quality.

Mrs. Frank Hendricks, A. B., U. of M., '91, will assist in the department of history during the winter and spring terms.

Mrs. Ella Kedzie entertained several members of the faculty and their wives at a watch party on New Year's eve.

Prof. U. P. Hedrick speaks on Horticultural Education at the Traverse City meeting of the State Horticultural Society this week.

Miss Clara A. Hinman, book-keeper in the secretary's office for three years, will be the general accountant of the state census bureau.

Rev. W. H. Pound, of the Congregational church in Lansing, has

resigned to accept the pastorate of a church in Chicago. Rev. Pound was well liked by the College people and his departure is generally regretted.

Things have been very quiet on the campus the past two weeks. Most of the students have been home, and several of the faculty have been away for a few days, while the largest number were here all vacation getting their departments in readiness for this term's work. Visitors have been quite numerous.

J. W. Bolte, a member of the present Junior class, attended the ill-fated Iroquois theatre with his father, mother, brother and sister. The mother is an invalid but was helped out by the other members of the family. The fourteen-year-old sister was caught in the terrible crush and killed. The College community extends its sympathy to the bereaved family.

Dr. Marshall has published an outline of the work in Bacteriology for use of students in agriculture and domestic science. The object is to give the student some idea of what is before him and to unify and systematize reference reading. The following are the principal divisions of the outline: (a) morphologic and cultural; (b) physiologic; (c) hygienic; (d) dairy; (e) soil; (f) plant; (g) fermentation; (h) food and drink preservation. Under the hygienic division are considered communicable diseases, surgical significance, susceptibility and immunity, serum therapy, disinfection

and antiseptics, and sanitary studies. The study of soil is divided into the making of the soil, ammonification, nitrification, denitrification, action of micro-organisms upon the mineral constituents of the soil and sewage disposal studies. The outline contains 18 pages and will be of great service to students.

Once a year, recently during the winter vacation of Colleges, the American Association for the advancement of Science holds a meeting for a week in some city of the United States or Canada. This winter the meeting was held at St. Louis, Mo. The papers are presented in some one of ten sections which are often all in session at the same time. Within a few years, other societies in considerable numbers have been organized and are known as affiliated societies, meeting at the same time and place as the old society. Some readers of the RECORD may be interested in the names of some of these. The American Chemical Society, the American Society of Naturalists, the American Society of Zoologists—Central Branch, the Association of Economic Entomologists, the Association of Plant and Animal Breeders, the Botanical Club of the Association, the Botanical Society of America, the Central Botanists Association, the Society for Horticultural Science, the Society for the Promotion of Agricultural Science, the Society of College Teachers of Education, the Wild Flower Preservation Society of America, the Society of Plant Morphology and Physiology. With so many societies

all going at once, it becomes impossible for every one to hear all the papers he may be interested in. One interested in some special line of economic botany, entomology, chemistry, live stock, may at such meeting find it very profitable to spend an hour with some person of like training and experience. Here one gains knowledge and enthusiasm. In a considerable number of the states, at the north more particularly, agricultural colleges are growing in number and securing liberal appropriations for their work. There are more chances than ever before for well trained men to find good positions.

W. J. B.

'03.

R. L. Yates, who is drafting for the Stillwell-Bierce and Smith-Vaile Co. of Dayton, Ohio, visited at his home in Washington, Mich., during the holidays and called at M. A. C. on Dec. 29. The firm employs 30 draftsman and about 1,500 mechanics, and manufactures Victor turbines, pumps and hydraulic machinery. Mr. Yates teaches drafting to a class of 120 young men who are taking the Y. M. C. A. course. This keeps him busy evenings and on account of the rapid growth of the class, he has been furnished two assistants.

Simon B. Hartman—Edith Sias, married Wednesday, Dec. 30, '03, at Midland, Michigan. At home Athens, Mich., after February 1st. Congratulations.

FARMERS' INSTITUTES.

The following institutes have been arranged for this week: Ottawa county, Zeeland, Jan. 6-7; Oceana, Hart, Jan. 8-9; Wexford, Manton, Jan. 6-7; Benzie, Inland, Jan. 8-9.

For next week: Muskegon Co., Ravenna, Jan. 11-12; Mason, Ludington, Jan. 11-12; Iosco, Tawas City, Jan. 11-12; Kent, Lowell, Jan. 13-14; Newaygo, Hesperia, Jan. 13-14; Clinton, Ovid, Jan. 13-14; Alcona, Harrisville, 13-14; Montcalm, Trufant, Jan. 15-16; Shiawassee, Corunna, Jan. 15-16; Presque Isle, Millersburg, Jan. 15-16.

CORPS OF CADETS,
MICH. AGR'L COLLEGE,
Jan. 5, 1904.

Circular No. 7.

Companies A and B will receive their arms and accoutrements Thursday, the 7th proximo at drill hour. Companies C and D will receive theirs Friday, the 8th at the same hour.

Every cadet having a uniform will appear in it on duty; a white standing collar and gloves will always be worn with the uniform. Any neglect of this duty will effect the standing of the cadet.

It is the duty of the captains and all officers to report any cadet who appears in an unclean and untidy condition. A cadet will be considered untidy who does not have his shoes cleaned, his hair properly brushed, his belt with the belt plate right in front of the front seam (the opening) of the coat, his gun and accoutrements clean, the leather parts blackened and the brasses polished.

It is hoped that each cadet will take an individual pride in his duties and that the corps as a whole will excel any previous condition.

By order of
MAJ. C. A. VERNON,
S. N. CARDOZO,
1st Lieut. and Adj.
Corps of Cadets.

BACK TO THE FARM.

A MAINE NEWSPAPER SEES A
TURN IN THE TIDE.

One of the most serious problems that confronts the economic world today is to keep the young men on the farms. For many years there has been a tendency to congregate in the cities, and to such an extent has this been carried that all the vocations of city life have been so over-crowded that today it is well-nigh impossible for a stranger to get a foothold. For every situation there are a score of applicants, and the young man who has no influential friends to render him aid is indeed unfortunate. We have long believed that this condition of affairs would correct itself. One of the reasons that our young men have been so willing to leave the old country home has been the lack of country attractions. This can hardly be said to hold good today. The trolley car, telephone and free rural mail delivery have well-nigh wiped out the distinctions between city and suburban life.

Another powerful factor now working for the upbuilding of the country life is the agricultural college. Our young men are fast learning that farming is no longer the haphazard business of a former

day, but is one of the most exacting and scientific of pursuits. With this knowledge comes a higher respect for the vocation and a stronger desire to enter the industry. The tide is thus gradually but surely turning, and the time is near at hand when farming will be held in the same high regard here that it has long been in England. In that country when a man achieves financial success he at once seeks a country estate for a home.

Here the reverse has long held true, and the city home has been held up as the ideal. The false system of ethics is rapidly going to the wall and a more exalted idea of country life is taking its place. Rich and poor alike are beginning to take to the farm. It is the ideal spot for a home.—*Lewiston Journal*.

'02.

O. J. Ayrs started last Wednesday on a tour through the south, examining soils for the Department of Agriculture, Washington, D. C. He left for Mississippi and from there will travel east.

L. E. Carrier, teacher of chemistry, physics and agriculture in the Elyria high school, Ohio, visited M. A. C. on Tuesday and Wednesday, Dec. 22 and 23. About 350 students are enrolled in the high school. All courses are elective. Live stock was studied the past fall. Visits were made to the fair and dairy farms in the vicinity of Cleveland. In the winter term, soils and farm crops will be taken up and will be continued through the spring term. No textbooks are used, the course being given in lectures. The interest has been good throughout and Mr. Carrier has made a success of it. The same could be done in Michigan schools providing the instructors knew the subject.

E. D. Searing, associate professor of mechanical engineering in the State Agricultural College, Ft. Collins, Colorado, writes that his classes in drawing and design are doing well. Anthony is used as a text and Prof. Searing desires the notes recently issued by the Department of Drawing and Design at M. A. C.

With '03.

E. K. Mason is working in a consulting engineer's office in Cincinnati, Ohio.

With '05.

H. A. French recently spent a few days at M. A. C. He is taking the engineering course at Purdue University and was on the train which was wrecked and caused the death of so many students.

Dr. Beal in his recent trip to St. Louis met the following persons, who were at one time students at M. A. C.: W. P. Wilson, '64-'66; W. W. Tracy, '67; S. M. Tracy, '68; C. E. Bessey, '69; R. J. Coryell, '84; F. B. Mumford, '90; L. J. Briggs, '95; E. D. Sanderson, '97.

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