most unhesitatingly assert that a good engineer's technical work will not be harmed, but on the contrary, will be improved by an infusion of world-spirit.

Psychologists assert that it is not our Poetic ability of thinking along that best develops the brain centers, but repetition of thought with altered periods of repetition during which other activities should be exercised.

Prof. Diemer discussed at length the introduction of graphic and statistical devices for the solution of practical problems. A better utilization of water power in the Southern states is a number of problems, and statistics showing the remarkable progress made in this field within the past few years.

The question has often been asked, Would it not be interesting and profitable to develop a contest in all wood working specialties? The answer to this question is to be found in part, in my opinion, in the desirability of competitive trials between all-round skilled men.

Professor Fairchild is No More.

The statement is often made that the number of all-round skilled men in the mechanical trades is decreasing, and this statement is generally accompanied by an expression of regret for existing conditions in this respect, together with the plea—"The spirit of the institution."
The observation that "the workman, individually, demand of him all-round qualifications. A competition open to the most proficient mechanics in the country, to which instructors in said subjects would naturally respond, would, in Mr. Bradford's opinion, best serve the end desired.

The Stereopticon in the Lecture Room.

The Faculty basket ball team had made such team work that we turned the tables completely, and developed such team work that they expected to play with the Y. M. C. A. team, as negotiations have been pending c. c. o.

"Murder Will Out."

"Murder Will Out."

The farce, Murder Will Out, given by the College ladies for the benefit of Plymouth church, was a complete success both financially and artistically. It was a charming form of entertainment, and much to the pleasure of the evening. The entertainment was given in the church parlors which were comfortably filled.

The basket ball team has made a clean record this year, winning every game. Only three intercollegiate games could be arranged this year, and those were with the same colleges as last year, when Olivet and Ypsilanti each beat us once, and we won one from Ypsi. This year we turned the tables completely, and despite the Ypsi team that Ypsi players said they never saw its equal. The boys have gone into their practice for the games with the winning spirit—the only kind that can ever win.

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The Faculty basket ball team had made such team work that they expected to play with the Y. M. C. A. team, as negotiations have been pending c. c. o.

Athletics.

The first team may go to Grand Rapids next Friday night to play the Y. M. C. A. team, as negotiations have been pending c. c. o.
THE M. A. C. RECORD. MARCH 19, 1901.

THE M. A. C. RECORD. PUBLISHED WEEKLY BY THE MICHIGAN AGRICULTURAL COLLEGE. EDITED BY THE FACULTY. SUBSCRIPTIONS SHOULD BE SENT TO THE SECRETARY, AGRICULTURAL COLLEGE, MICH.

State Press Association Entertained.

The State Press Association held its annual meeting in Lansing during the past week and on Thursday afternoon and evening were the guests of the College. It was a pleasure enjoyed by many of the men of the association to come and learn to know them in the course of a visit to the various points of interest on the campus, the various subjects of the press were quite ample and more than generous in their expressions of interest. After visiting the chemical laboratory, the greenhouses, the library, the mechanical laboratory, the agricultural laboratory, etc., the various groups were piloted to the women's building where, after an informal reception, the guests of the College were conducted into the dinner-room on the third floor. Without delay and in faultless style the young ladies of the domestic science department served a modest, but exquisite lunch as an introduction.

Crescent chicken Saratoga chips Bread
Pickles and olive Jellies Corned tongue Butter
Coffee Cream and Sugar

The tasteful decorations of the tables, the color and comfort of the room, the golden autumn leaves, asparagus fern, and potted plants, seemed to strike the unaccustomed eyes of the guests to an especial degree, and really the large hall was never seen to better advantage.

Formal speeches had not been arranged for as part of the program, but after the lunch President McCall arose and stated that there were among the guests many wise and witty men who would no doubt feel inclined to express a few words during the course of meal. He proposed with a smile that the students should say a word or two, if they did not hesitate to say it, and that the students should propose a toast.

The president McCall expressed the thanks of the association for the kindly reception. He found here, he said, no narrow wounds among the visitors. They go out ready for the work of life. He asserted that the college's department is solving the problem and called upon the members of the association to study the matter and instruct the people upon the subject. He especially the problem of reforesting the barren lands of the state and the relationship of the College with that work.

Land Commissioner Wildey emphasized the seriousness of the reforestation problem and begged that every member of the association would join in his approval of the women's course. Senator Palmer said that the College was a school of science and that the College is growing and in significance.

The object of such a contest is to give the students an opportunity to improve in breadth and in significance of agricultural and educational interests. The thoroughness and its great value to the agricultural and educational interests of the state; and we urge upon the

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 scruples about accepting the copy for the present, for no charge will be made for it. Those who desire to secure THE RECORD regularly is to subscribe.

An account of the last general teachers' meeting must be deferred to a later issue.

In making selections for declamation contests, speakers should choose subjects which are unaccustomed to them and require a large range of expression. Narrative selections are, as a rule, out of the question; they are not within the compass and cannot condense within the small compass necessary a wide range of deep and varied emotion. The kind of selections that should be chosen are those that show who can best appreciate and render thought and emotion through the voice and, to a quite limited degree, through action. Emotion and passion must be the matter selected for there is no trial of expression.

The last lecture of the lecture course, that of Mr. George Kennan, on "Life on the Great Siberian Road," was given on the last day of the first week of the spring term. We hope that none of our students will fail to hear this great lecture from a man who speaks of that which he has himself seen and heard in the far-away land of the northernmost empire. In this connection it may be well to say that we think the managers of this, the pioneer lecture course, deserve the great credit for the enthusiasm they have shown in working the matter up and for the good judgment they have shown in selecting the speakers and in the general arrangements for the course. Considering the amount of pressure on the tickets, the course has been of a remarkably high grade, and the ticket holder has had a large return for his money.

The Carharn-Darno recital and George Kennan's lecture alone would amply repay the expenditure of a dollar. The members of our College community should stand together and see that the program is carried out and make it possible to have a good, strong lecture and concert course each year. It is just what our college needs, and all, no matter what the need, surely no one of us can feel that 16-2 cents a week must not be spent for the purposes of our College, and that a proposal for a future course should not call forth a hearty and large response.

H. M. MILLER.

THE STATE REPUBLICAN OF MARCH 15 makes the statement that E. A. Green, of Bath, will enter a number of athletes at the College some years ago, died on Thursday last in Harper Hospital, Detroit, after an illness of ten days. Mr. Brown had many friends here who will be greatly grieved at the news.

Representative Dixley thought that the graduates of this college represent the best that there is in agriculture and willing work. He was quite enthusiastic over the equipment, the teaching both in the practical and the class of young men and women in attendance. He thought, however, that the work of the school had been changed so as to represent more fairly the breadth of the work done, more nearly that the college was prepared, ready, after what they had seen, to urge such a change. He closed with the significant statement, "If you want to increase your influence in the Legislature, call on me!"

Senator Palmer said that the College would not be changed. Agriculture is becoming synonymous with science. The College is a school of science because it is a school of Agriculture. Agriculture is growing in breadth and in significance and the College is growing with it. He did not hesitate to say that he would use every effort to give the College ample funds to carry out its functions. The farmers all over the state appreciate the work of the College and demand that it be adequately provided for.

Editor Beall of Ann Arbor, spoke of the surprise and the profit that had been realized by his students, after they began to realize the magnitude of the College and the work it does for the state. He dwelt especially on the problem of reforesting the barren lands of the state and the relationship of the College with that work.

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The object of such a contest is to give the students an opportunity to improve in breadth and in significance of agricultural and educational interests. The thoroughness and its great value to the agricultural and educational interests of the state; and we urge upon the
farming in Michigan and the importance of keeping our admirable institution their hearty support and co-operation.

especially do we acknowledge ourselves indebted to the elaborate and sumptuous banquet served in the elegant dining room. The completeness and perfection of which, from a culinary standpoint, would rival the efforts of the most accomplished connoisseurs.

Mr. A. J. Cook gave a talk on "Scientific Illustrating." The requisite he gave for an illustrator in science were, first, thorough and accurate scientific knowledge; second, ability to make a good picture; third, knowledge of various media for illustrating, as pen and ink, crayon, and paint.

The purpose to which a drawing is to be put determines very largely its character. For illustrating lectures or talks they should be large and clear, and very often it is advantageous to have them made in colors. For private notes it pays to make them with black dots or lines on a white back-ground. Half-tones will reproduce any shade of black or white.

The talks were both very interesting and instructive.

The main item in Stoves is to get the best for the least money. We have the nicest assortment ever in the city. Steel Ranges $18.00 to $40.00; Cast Cook Stoves with Reservoir $16.00 to $25.00; Base Burner Coal Stoves $25.00 to $40.00; Soft Coal Air-Tight Stoves $12.00 to $18.00; Air-Tight Wood Stoves $5.00 to $9.00; Nice Oil Heaters $3.25 to $4.00. Everyone of them fully guaranteed. A nice line of Pocket Cotton Razors. Scans in fact anything needed in the Hardware Line you will find it and at prices to suit you, at NORTON'S HARDWARE.
About the Campus.
The special short-course in cheese making, under Dr. E. L. Aderhold of Wisconsin, was finished last Fri-
day.
Jesse P. Kneblckerboer, who has been completing his account of the grip, returned to school on Mon-
day, March 11.
Russell H. Baldwin, '04, of De-
troit, visited by his father, O. R. Baldwin, secretary-treasurer of the American Harrow Co., last
Thursday.
J. C. Fouts, who recently gradu-
ated, left on Monday for Buffalo to accept a position as assistant on the sun^s farm of the Snow
Steam Pump works.
The zoological department has
just received a fine lot of Brook
Lamfetra ivilderi, which were collected near Ann Ar-
bor by Leon J. Cole.
On last Saturday night the Union
Library Society entertained the fac-
ulty with an excellent program.
Mr. McCune's oration on Daniel
Webster was especially noteworthy.
S. H. Shott, a special student in
floriculture, having completed his course, returned Saturday to his
home in Pennfield, March 15. Mr.
Bouton was an earnest, faithful stu-
dent while at the College, and made
many friends among both faculty
and students. His sad death is sin-
cerely deplored.

The Mechanical Department.
About 150 lockers are being eructed in the wood shop for taking
care of stock that students are working on, aprons, and incidental
personal effects.
Prof. Weil has received from L. C.
Crockes, '92, a very interesting account of the drydock yards at Newport News, which is at the disposal of any interested
student.
Through the kindness of Mr. W.
Snow of the B. F. Sturdevant Co., the Department has received blue-prints giving detailed draw-
ings of an 8 by 6 vertical automatic and throttling engine.
The wind-mill to be used by Messrs. Bailey and Lickley in their experiments this spring has been
kindly furnished by the Maud S.
Wind-Mill and Pump Co. The
wind-mill is already on the grounds and will be erected at the feed-barn.
There are now on permanent exhi-
bition in the machine shop, samples of the MacGregor holler brace, of the Sandburg pressed-steel boiler, and of the Sheldon hol-
drawn steel tubing. These samples were furnished through the kindness of Messrs. Jos. T. Ryerson & Son, of Chicago.

We Welcome THE STUDENTS RETURN AT THE M. A. C.
It gives new life to the Capital City. We cordially invite all to make their home at our store. Mr. Homer Burton and Mr. Arthur Hart will make daily trips to every one who desires to see them on the M. A. C. grounds or in the vicinity. If you are not called upon drop as a postal and we will call. Samples sent on application.

We Guarantee Satisfaction.
Visit Donsecrea's Department Store, and the Donsecrea Clothing and Grocery Store.

All Neats . . .
We look after you, but there is a very great difference in the quality we han-
dle and what is sold by some other merchants. We handle none but the very best. Like as not you will find the proof of good meats is in the eating. A trial will convince you that you ought to trade with us.
We make daily trips to the College. Send your order to us if you have given it a second thought.

GOTTLEIB REUTHER, Washington Ave. South.

DIRECTORY
LANSING BUSINESS AND PROFESSIONAL MEN
The names in this Directory, as well as the names of all other advertisers, are of reli-
able parties. We hope that the faculty and students will take pains to patronize those who patronize us.

ARCHITECTS.
2. C. B. OBERNAUER & JEWELL.—Agents for STAR DENTAL PRODUCTS.
5. WOODBURY.—Boots and Shoes. We shoe the students. See ad.

BOOKS AND STATIONERY.
1. BOOK STORE. Fountain Pens. Drafting Instruments. Glass Etched Plates. Provision of all kinds of art.
2. ANSON BOOK AND PAPER CO. Water-
Coloring, Binding, Stationery, Pens, Pencils, Wall Paper, 12th Wash. Ave. N.
3. M. A. C. RECORD.

CAPITOL ELECTRIC CO.

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1. C. D. WOODBURY.—Barber and Shoe. We show the students. See ad.

CLOTHES.
1. CROCKES.—Clothes, Gowns, and Lamps. 15 Wash. Ave. N.
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1. C. R. NARROW.—Orchard and Orchard Mechanic. 448 Washington Ave. N.

DEPARTMENT STORE.
1. DONSECREA'S DEPARTMENT STORE. 1st Floor, 2nd Floor. We have a warm welcome to our door for all.

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1. DONSECREA'S PHARMACY. 1st Floor, 2nd Floor. Opposite Hallowell Block, 261 Washington Ave.
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5. CHAS. A. PIELLA . . . JEWELER AND OPTICIAN.

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1. J. & B. M. BUCK.—Furniture. Cor. Wash-

MARCH 19, 1901.

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