Freshmen Harness and Drive the Water.

Almost any afternoon the past week you would have found in the physical Laboratory two groups of four boys each, assembled about a small iron box connected with the water-pipes. Each iron box is a small water motor and the boys have the interesting task of finding what horse power they can get out of the motor. Each student is furnished with directions and a blank to record results.

One student fastens a regular pressure guage in the water pipe and all notes the water pressure; another takes a pull and finds the quantity of water used by the motor each minute, by holding the pull under the exhaust for a fixed length of time. Then from the product of head of water, as indicated by the guage, times the pounds of water used, a calculation is made of the horse power expended in the motor. While two students are finding the quantity of water and the horse power, the other two are finding how fast the motor runs. With a small speed counter and a watch the speed is taken when the motor runs, and is recorded in revolutions per minute. Next the motor is made to pull so that the prop runs at one-half the full or wild speed. The horse power the water motor will deliver is indicated by finding the distance the motor will elevate a blank to record results.

Lieu. Bandholtz Called to the Front.

Thursday, Lieut. Bandholtz received orders to join his regiment at once, and Friday morning, accompanied by Mrs. Bandholtz and Cleveland, he left for Tampa, via Chicago, where Mrs. Bandholtz will remain during his absence. The College battalion—four companies and band—escorted him to the depot, where the parting of commandant and cadets was sorrowful in the extreme. He shook hands with the captain of each company, saying he would have shaken hands with each cadet had time permitted.

As Guests of the College.

A session of the Board of State Auditors, of a character which Land Commissioner French declared to be regular with the Board, was held in the Abbot Hall dining room last Tuesday noon. The Board were on that occasion the guests of the College, at a dinner served by the Domestic Science Department in its usual appetitesatisfying manner. Covers were laid for ten, and the following gentlemen honored the efforts of the young ladies: Secretary of State Washington Gardner; State Treasurer Geo. A. Steele; Land Commissioner Wm. A. French; President Snyder; Secretary Batterfield; Prof. Smith, Edwards, Taft, Well, and Mr. K. L. Buttefield. Praises of the dinner, like the guests, were doubtless full—some. The members of the Board inspected the kitchen and sewing rooms, and expressed themselves as greatly pleased with the practical work offered young ladies at this College.

Greenhouse Management.

Prof. Taft's new book of 400 pages on Greenhouse Management has just been put out by the Orange Judd Company. It treats of all the plants commonly cultivated by florists and amateurs, and explains in a thorough manner the methods that have been found most successful in growing them. Particular attention is paid to the growing of cut flowers, entire chapters being devoted to each of the leading crops, such as roses, violets, bulbs, smilax, ferns, orchids, etc.

The growing of fruit under glass is attracting the attention of commercial florists as well as amateurs, and the reader will find separate chapters devoted to the forcing of strawberries, peaches, and other fruits. The forcing of vegetables also receives the attention it deserves, and the raising of lettuce, radishes, cucumbers, tomatoes, mushrooms, etc., is explained at length.

The care of house plants is also treated quite fully, with detailed directions for propagating, preparing the soil, potting, watering and every part of their proper management. Each chapter is also given on bedding plants, as well as on ornamental grasses, flowering and foliage plants. Other chapters are devoted to the propagation of plants from seeds, cuttings, layers and by grafting and budding. Of special value to many will be the directions for treating plants when attacked by insects and fungi. The propagation of the soil, the use of various manures, composts and fertilizers, watering, ventilating, and insect control, and in fact every detail of the subject to which the work is devoted, receives careful and minute attention.

The American Florist for April 30 says of the work: "It should be in the hands of every beginner and even the wise one, who are not too old to learn, while there is of course much of an elementary nature in it, will find it many new and valuable points."

A woman's life-long scheme of test is ultimately realized when she has nothing to do and won't do it.
can people are political honoros, such men are the very life of the nation, and we want their best efforts. For ought that is not in the power of the average American is the power of their efforts. As a rule their best efforts are, and not simply for what they are, but for what they are, the learned professions, so-called, absorb most of the intellectual power of the country. We have to confide in them, to be confidence in them, is the best thing that can be conferred by the American people on their own countrymen. But it is not always the case. The learned people of the world, as a rule, are not so learned as we might wish them to be. They are, in point of sheer knowledge of public affairs, they are much above the average of their professions, and not simply for what they have done, but also for what they are.

The two best known governors Wisconsin has ever had, Hoard and Rust, were farmers; and Governor Meigs, who served the longest time as a candidate for the office of governor, is a farmer. These are a few of the farmers who in recent years have been candidates for office, and have won the trust of the country, and who have not been handicapped by their occupation.

Agriculture today offers as good opportunities for young men ambitions of distinction as any other callings. One of two things a man must have who would succeed in public life is brains or brains and brains. Brains cannot in the nature of things accumulate enough of wealth to constitute one of the three chief funds, and secure for four received important public office in their day. Our system of campaign expense of legislative candidates who in turn will elect him to the United States senate; nor has the means to construct a machine that will, when the button is pressed, bring about a desired national result. But, in spite of some people's belief to the contrary, in a great majority of instances ability, not brains, is the factor in determining the success of men of brains, rather than to men of hoodlums; and the man of brains might, if he chose, make for himself an honorable place among men.

One of the few things the American people have is the spirit. An excellent map by W. A. B. of the state of Michigan, shows the proper spirit. It does not show the proper spirit. It is, to keep in touch with the exciting events the farmer must have if he expects to meet men of other callings with men, should be represented in the national organizations of similar character, furnish admirable opportuni­ties to young men who would become proficient in parliamentary practice, and the art of public speaking. There public questions are like to be discussed, and the need of a great need is to make for themselves a place among men.

Our Relation to the War.

Passing as we are through such staring times, we as college students should make a study of the situation. To be contented with merely "skimming" through the papers when they are a war, involving our own nation, in progress, does not show the proper spirit. We as historical at least, to follow the policy of the government in all its workings, throughout the struggle, is the best way to take a part in the strength of our land and our national forces; and should accurately locate on the map each important battle, and to miss such an opportunity for further study, and all subscription to the "The making and selling of butter," a subject which he proved to be of great interest to the farmers. After explaining the nature and origin of soil, he said: "There are three elements needful to life,—nitrogen, phosphoric, and potassium. The absence of a due amount of either of these three things is as fatal to a man's health and growth. To find out what the soil needs, farmers should experiment. The two best known governors Wisconsin has ever had, Hoard and Rust, were farmers; and Governor Meigs, who served the longest time as a candidate for the office of governor, is a farmer. These are a few of the farmers who in recent years have been candidates for office, and have won the trust of the country, and who have not been handicapped by their occupation.

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At College.

Mrs. Pierce and son have been entertaining Miss Lucy Pierce.

Miss Emma Bach, '01, has been entertaining her mother and sister several days.

G. H. True has gone to Chicago and the cheese regions of the Northwest to spend his vacation.

The oats treated with formalin came up much better than those treated with hot water and sowed right beside them.

R. Hastings, '01, left early last week for Island Lake, where he passed examination and enlisted in the regular army.

Last week Mrs. Taft received a visit from two men and Mrs. J. Y. Wilson, of Rockford, Ill., who were on their way to Boston.

Mr. Alvord will lead the Y. W. and Y. M. C. A. meeting next Sunday evening.

The regular meeting of the "Try and Trust" circle of King's Daughters will be held at the home of Mrs. W. H. Butler Wednesday afternoon. Les- son, Luke 18:31-43. Text, "Light."

Ladies are requested to come prepared for sewing.

In Lansing Thursday evening the "Lansing Cadets," a military company numbering 68 members, organized with Charles Johnson, '00, as captain. J. L. Baumber, a member of the freshman class and a regular army man, was elected second lieutenant.

Baseball—Lost and Won.

Monday afternoon of last week we helped Hillsdale to score her first victory. The nine scores secured in the first three innings while Warren was in the box and every member of the team seemed to be anxious to make as many errors as possible, were too much to overcome by the good playing that fol- lowed. During the six innings that Millar was in the box Hillsdale secured but two hits, one base on balls, and one score. Hillsdale played a steady game all through. Scores: Innings 1 2 3 4 5 6 7 8 9

Hillsdale 0 0 0 0 1 0 2 4 14

Albion 1 2 3 4 5 6 7 8 9

M. A. C. 6 1 0 0 0 0 0 0 12


Saturday afternoon our reserves defeated the Charlotte high school nine, the second time this season, by a score of 13 to 7. The Charlotte boys have some good players but were clearly outclassed.

Other College Games.

Ypsilanti, May 16—Albion, 30; Normal, 16.

Kalamazoo, May 20—Kalamazoo, 10; Normal, 5.

Albion, May 21—Albion, 13; Normal 10.

Olivet, May 21—Kalamazoo defeated Olivet.

M. I. A. A. STANDING.

Played Won Per Cent

Kalamazoo........ 7 6 .857

Olivet............. 5 3 .625

Albion............. 8 3 .750

Normal............ 8 4 .833

Hillsdale......... 7 4 .857

Our Societies.

COLUMBIAN SOCIETY.

The Columbians rendered the following program May 14:

Roll Call—Responded to by quotations from Napoleon Bonaparte. Declaration—R. A. Whitney.

Life and Character of Napoleon Bonaparte. H. Severance.

Declaration—R. Barlow.

Talk—Mr. E. C. Green.

O. S. Groner, '94, is principal of the St. Ignace schools.

John G. Veldhuis, '95, will graduate from the Detroit College of Medicine with '98.

GEO. SEVERANCE.

Memorial Day.

Memorial exercises will be held in the College Armory next Monday at 10:30 a.m. The cadet battalion will attend in uniform, and the following program will be presented: Away. geography, music, band; prayer, Rev. F. G. Cadwell; music, "Prayer for Our Country," Double Quartet, Introductory Remarks, Rev. F. G. Cadwell; music, "Memorial Day," Double Quartet; Address, Hon. S. B. Daboll; music, "Star Spangled Banner," by the audience; music, College Band.

Simons Dry Goods Co.

Swaters do not make the man but one of those nice striped ones adds greatly to his appearance. They are not alone pretty but comfortable, durability and in price. Come in and see them while the assortment is complete.

Nice line of golf stockings, bicycle suits. Just received a large consignment of high grade madeline knits at the lowest prices ever made on good qualities. Can save you money if you want a spring overcoat.

Elgin M. Mifflin.

Are You

About to Build?

If so, you should

Build Right.

By consulting

HIRAM RIKERD,

You may learn how, where and when.

LUMBER of ALL KINDS.

Interior Finish a Specialty.

THAT'S AN AXIOM:

Correct College Shoe looks well, fit well and wear well—
that is the kind we sell at $2.50, $3.00 and $3.50 black or russet, vetted tops or all leather.

G. D. WOODBURY.
News from Graduates and Students.

W. J. Glasgow, '00, who visited the College several days last week, has just enlisted in the regular army as cook for the officers of the fourth infantry.

Warren Maxfield, '97, and Miss Fisk, both of Coopersville, were married May 10, and now live at Hudsonville, where Dr. Maxfield is the medical doctor.

We have received for the alumni library the annual report of the Colorado Experiment Station for 1896, containing an account of the meteorology and irrigation engineering by Prof. L. G. Carpenter, '79.

Dwight S. Cole, '92w, has prevailed upon his brother, F. J. Cole, of Michigan, to go to Coopersville for a month, to give a Tribune racing tandem or triplet or both, for pase-making at the races in the intercollegiate field-day to be held in Lansing June 3 and 4.

E. M. McElroy, '95, principal of Calumet schools writes: "I note with much pleasure the increased attendance in your freshman class. Good for M. A. C. May next year, and hope your best but he does not feel strong enough to take another voyage at present." We are glad to hear that he intends to go to Colorado a few weeks and then return to Michigan for the summer.

Kolia S. Thabue, '91, in a letter dated Elbert, Highland Park, Mich., says that he is married and has a little boy 18 months old, named agriculturist. Mr. Thabue has been engaged in farming and photography since leaving his position as head teacher in the Bassein school two years ago. His farm and also his house are fitted out to teach the boy how to plow, drag and fasten down and brace end and corner posts, the different jobs that are to be done on the farm at this season.

The third sub-section may be devoted to College poems there is hardly a distinction in feeding young chickens. The third sub-section may be devoted to College poems there is hardly a distinction in feeding young chickens, it is delighted with it.—M. A. C. RECORD, Feb. 15, 1896.

The many varieties of chickens that are to be done on the farm at this season.

The names in this Directory, as well as those of all our other advertisers, are of reliable, we hope that the faculty and students will take pains to patronize those who patronize us.}

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The Wandering Singer and His Songs.

One of the handsome College souvenirs ever published in the book of poems by Frank Hodgeman, '92, of Climax, entitled "The Wandering Singer and His Songs and Other Poems." The book is bound in pressed white cloth with blue and gilt trimming, the pages containing 100 pages of excellent paper with full gilt edges. It is delightfully illustrated with maps of the county, College and other scenes and with sketches of students that are truly a delight for the boy how to plow, drag or drill. He must get this know-edge in vacation and outside of College hours. Skill in these matters is necessary, however, required as a condition of graduated—C. D. S.

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