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THE CADET.

VOL. VI.

ORONO, MAINE, MAY, 1891.

No. 3.

The Cadet.

ISSUED ON THE FIRST FRIDAY OF EACH MONTH
DURING THE COLLEGIATE YEAR, BY THE
MAINE STATE COLLEGE PUBLISHING ASSOCIATION.

EDITORS.

H. G. MENGES, '91.
Editor-in-Chief.

C. H. KILBOURNE, '91.
Associate Editor.

PRESCOTT KEYES '91,
Literary.

EDMUND CLARK, '91,
Exchanges.

M. L. BRISTOL, '92,
Campus.

H. M. PRENTISS, '92.
Personals.

WALLACE R. FARRINGTON, '91.
Business Manager.

R. H. FERNALD, '92.
Assistant.

C. H. GANNETT, '93.
Gleanings.

TERMS:

Per annum, in advance..... \$1.00
Single Copy..... .15

Subscribers not receiving THE CADET regularly, or those changing their address, should notify the Managing Editor at once.

Contributions from the alumni and friends of the College will be gratefully received, when accompanied by the writer's name. No anonymous articles will be accepted.

Advertising rates may be obtained on application to W. R. Farrington the Managing Editor, Orono, Me., to whom all business correspondence and remittances should be sent. All other communications should be sent to the Editor-in-Chief.

ENTERED AT THE POST OFFICE AT ORONO, MAINE, AS SECOND CLASS MAIL MATTER.

See notices of recent advertisements, and read carefully the advertisements themselves. Boys, help those who patronize your paper.

EDITORIALS.

With the present issue of the CADET the old board will lay aside their editorial work and give place to the new. In looking over our year's labor we see many failures. For these we ask no leniency and make no excuse. If perchance the CADET has proved a source of profit or pleasure to any interested in it, we will gladly deem this profit or pleasure sufficient reward for our labors. If our methods have not been such as to meet the approval of all concerned we hope that before passing judgment on us they will consider our motives rather than our means and judge accordingly.

The Editor-in-Chief wishes to thank the board of '90-'91 editorially for their generous assistance and aid in his labors. Though each of the several departments have been conducted in a credible manner, especial thanks is due to the business manager and his assistant for the way in which their department has been conducted. Never before has the CADET shown such a balance in the treasury as at present, never before were its prospects brighter nor more highly credible to the "business" department. When the new board takes charge they will have the advantage of a good substantial balance on the right side of the accounts.

No one doubts that free scholarships are very good for any school but the funds to found these, should come from outsiders, and not from the students. For this reason the

scheme suggested by President Fernald of using a certain per cent. (40 per cent.) of the students tuition for this purpose, does not seem right or proper. If the students are willing to pay a tuition fee in consideration of the increased facilities which are thus afforded, it is well and good but when it is suggested that a certain per cent. "nearly one half" be used to found a scholarship at this institution it is the height of inconsistency. The students who are at present attending the M. S. C., are undoubtedly as deserving of pecuniary aid as any that will come after them, surely they cannot afford to give one-half of their tuition for the help of some student who is to come here in the dim future, and perhaps be better supplied with this world's goods than they are.

Our editorial policy has been constructive rather than critical, not because we have been blind to certain facts which might have merited severe criticisms, but simply because we did not care to be continually nagging and scolding when we felt sure that no good would result from such a course. It has been shown "many a time" that those in authority over this institution will do as they choose in spite of the remonstrances of those much more influential than the CADET, consequently we have refrained from criticism or remonstrance, although we have seen many things done that we would have gladly remedied had it been in our power. On the other hand if we have accomplished anything in the constructive direction we will feel that our editorial labors have not been wholly in vain.

We hope the time is coming when it will not be necessary to even intimate that a critical policy is possible for the CADET, but till that happy time arrives, we advise our successors to give up scolding and criticism as a thankless job.

In the directory of this issue will be found the officers of a new Greek Letter Fraternity, The Alpha Tau Omega, Me. Beta Upsilon. We gladly welcome their advent upon the scene of action at the M. S. C., and hope their appearance will mark the ending of the so called society feeling which has been too prominent at our institution in former years. THE CADET

extends its congratulations to the new chapter, and wishes it a long and prosperous life at the M. S. C.

We publish in another part of the CADET an extract from Prof. Balentine's report, in regard to the outbreak of the tuberculosis, for the benefit of those of our readers who are interested in the matter, incidentally we will also say that the herd were examined quite recently and again pronounced sound and given a clean bill of health. It is to be hoped that the disease has now been stamped out of the herd and that it will never make its appearance again.

The action of Bowdoin and Colby in the recent base ball trouble is anything but creditable to the athletic principles of those colleges. The only reason that either has given for their effort to shut the M. S. C. out of the league is the loss of a few dollars which they claim to sustain by coming to Orono. A very sportsman-like spirit, indeed, and one that both of these institutions should be proud to own. After reading the long newspaper accounts of great interest taken in athletic sports, and the high standard of excellence attained by their athletes one is hardly prepared to hear these, much over estimated institutions refuse to play the team of another college, that both admit can play as good base ball as themselves for the fear of losing a few paltry dollars in so doing. If money making is the principle that actuates the great athletic enthusiasm, we are led to believe exists at Bowdoin and Colby, we do not wonder that their athletic victories and exploits are more confined to the boast and bombast of their scribes, than to the actual successes of their athletes. If they organize their athletic teams for the purpose of making money we advise them to enter the professional arena, for they will never make amateur sports a paying venture, under that principle. We, at Orono, make no pretence of being the leaders in college athletics in Maine, yet we do not lose heart over the money lost in sending our team on two long trips during the season. The claim made by Colby that the so called neutral games between Bates and M. S. C. do not prove as great an attraction or pay as well as

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those played between Bowdoin and Colby, cannot be sustained by facts but is merely another instance of the boast and bombast before mentioned. The efforts which both have been making to prove their imaginary right to the title of the old league are laughable and show that they are not at all sure of their claim. We wish them success in their new formed Dual College League, which, considering the causes which led them to the separation, might be more appropriately called the Boodle College League.

LITERARY.

A SONG OF M. S. C.

Triumphal is the song we sing
Of noble M. S. C.
Each joyous note shall proudly ring
Her name in victory.
Not only on her pine-clad hill,
We'll own her queenly sway,
But when afar, our hearts shall still
Her high souled thought obey.

CHORUS:

Rah! hurrah! hurrah for M. S. C.!
With a shout that goes out
Ringing praises of fair M. S. C.!
May all climes hear the chimes!
Rah! hurrah! hurrah for M. S. C.!

A herald of immortal truth,
She shares the victor's right;
And in her fair and sunny youth
Is wreathed with laurel bright.
Her influence expanding wide
'Neath progress' living beam,
Shall help to stem dark error's tide,
And broaden right's clear stream.

CHORUS.

O ever shall her voice of song
Truth's lesson boldly give,
And may her sons the strain prolong
And to her honor live.
They'll guard for aye her sacred name,
With hearts in unity,
And their brave deeds shall crown the fame
Of noble M. S. C.!

CHORUS.

AN ADVENTURE.

It happened in the last term of my senior year. I had received simultaneously, the offer

of two positions; one in a bank, the other and more alluring to join a party of engineers in a South American scheme. I had been smoking and was seated in strong shadow, my student lamp burning brightly in the foreground, and casting long bars of light on the pitchy darkness of the hall beyond. When suddenly, dimly framed in the doorway I saw a shape, the figure of a man, its back towards me, clad in a long cloak. Under my startled gaze it slowly turned and throwing back the poncho showed a face, lean, old, and swarthy, with a hooked nose and thin, cruel mouth. But what chained my attention and held me spellbound were the eyes. Slowly it raised its arm, and pointing towards me, threw back its head with an indescribable gesture of scornful, noiseless laughter. But when I rushed forward and explored the hall and darkened chambers beyond, I found nothing, and half ashamed, half uncertain if I had really seen anything, I went to bed.

PART II.

Chili at last! Land of my dreams! And to-morrow we start from Iquique to lay out three hundred miles of road. We have two hundred peon laborers, their overseer, a stocky, red faced Englishman, called Welsh, the chief engineer Carlton, a slender chap with handsome eyes, several assistants, Dick, a Spaniard, Don Matéo, and myself.

We are comfortably quartered at one of the leading hotels where Carlton has been making himself agreeable to the proprietors daughter, a beautiful girl of the Spanish type, much to the evident annoyance of Don Matéo. The rest are smoking or lounging upon the hotel veranda, when suddenly I hear a crash of musketry, and see a motley crowd rushing across a side street, while from another, a body of troops march into the Plaza, double quick and form in a hollow square.

"What does that mean?" I asked Welsh. "It means," he said slowly, "an insurrection, with every foreigner for a target. If you value your lives, gentlemen, you will fight with the troops." Small need to tell us that. A hasty priming of weapons. A quickening of the blood. "Follow," cries Welsh, and then we twelve rush across the square. None too soon, for a bomb strikes the spot where we have been

standing. Suddenly they are upon us, this motley mob of Chilianians and peons and rebel government troops. Oh how they swarm!

"At 'em boys!" cries Welch. "Everyone for himself," mutters Senior Matéo, and draws deeper into the shelter of the square.

I remember giving and receiving blows. I hear McDowell shouting, "In at them! the dirty sapleens!" and see Carlton through the smoke, nursing a sabre cut in his cheek; then Matéo taking deliberate aim at him. With a shout I spring forward and strike him down with the butt of my revolver. A soft voice at my side, "Oh my father, Senor! See, the mob have him!" At the same instant the troops give way. With Dick and Welch I charge at her father's rescue, snatching a gun from the pavement. Suddenly we are overpowered, leering features peer into mine. Then a face merges itself from its surroundings. It is the face of my dream. The same cruel jaw and ferret eyes, the same slow turning of the head and raising of the arm.

"See, Companeros! See the brave man! The Senor! He would fight an army." The same scornful lifting of the head and laughter.

Those that hold me shake me roughly.

"Wake up! I say! old warrior." And there was Dick, dear, old Dick, pounding me and laughing as if his sides would split. "You're dangerous; there now, cool down. Who is the victim, anyway? He has my sympathy if you punched him half as hard as you did me. Why I thought I'd never wake you up."

MISCELLANEOUS.

TRUSTEES' MEETING.

The trustees held a meeting at the college on Friday, April 10. The following members of the board were present: Gen. R. B. Shepard of Skowhegan, Hon. R. Alden of Winthrop, Hon. Fred A. Atwood of Winterport, Hon. William T. Haynes of Waterville, and H. L. Moore of Waterville.

Gen. Shepard, was elected president, to fill the vacancy caused by the death of Hon. W. H. Strickland. Hon. Fred A. Atwood, in presenting resolutions upon the death of Mr.

Strickland, spoke as follows:

Mr. President—Not a mere sense of propriety, but the high esteem and personal respect which I entertained for the man, impels me to say a few words in commemoration of President Strickland, whose voice once so familiar to us will be heard no more. My acquaintance was more than as an associate member. I had the pleasure of frequent visits at his home, where he showed his generous hospitality making those around him happy. It was there I learned to know and love him. His systematic business ways, his broad views entered into his business and social life, which he enjoyed to its fullness.

Upon his appointment as a member of this board he at once took a great interest in its work and labored for the success and future welfare of the institution. His duties as auditor, committee work and as president were performed with faithfulness, dignity and with credit to himself and his associates.

His death was sudden and unexpected. Almost without warning he was stricken down. His generous heart ceased to beat. In the twinkling of an eye the strong man was brought low.

I cannot say, and I will not say
That he is dead; he is just away!

With a cheery smile and wave of the hand
He has wandered into an unknown land.

Think of him still as the same, I say,
He is not dead -he is just away.

Mr. Atwood then presented the following resolutions:

Resolved, That the trustees have received with profound sorrow the announcement of the death of William H. Strickland, late President of this Board.

Resolved, That in the death of our President we feel the loss of one who took a deep interest in the welfare and success of the institution, a sound and safe counsellor.

Resolved, That the Secretary communicate these resolves to the family of the deceased and record the same upon the journal of the board.

Mr. Alden presented the following resolution upon the death of Hon. Rufus Prince:

Resolved, That in the death of Hon. Rufus Prince this board loses a valued member, and a warm friend of the college.

Resolved, That a copy of these resolves be

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transmitted to the family of the deceased by the secretary, and recorded upon the journal of the board.

H. M. Estabrooke, '76 was chosen professor of rhetoric and modern languages.

It was voted to build a new building for the engineering department, according to the plans drawn by Architect Frank E. Kidder, '79, of Denver, Col. President Shephard, Hon. William T. Haines and Hon. Fred A. Atwood were chosen as the building committee.

It was voted to erect a building for the dairy school. It was decided to build a foundry and also to have a water tower to supply the college with water.

Representatives of various iron companies have sent in their estimates. It is proposed to have the tower 120 feet in height.

It was voted to authorize the horticulturist to improve the grounds about the college buildings and with that end in view to remove certain small buildings about the grounds. Arrangements were also made for advanced work in the department of horticulture and landscape gardening.

LETTER TO THE ALUMNI.

A RECORD OF CHANGES AND PROGRESS FOR THE COLLEGE YEAR.

BY PRESIDENT FERNALD.

The college year, 1890-91, now nearly completed, has been marked by so many events destined to have an important bearing upon the development and future history of the college, that I am sure, the alumni will examine a brief record of the more prominent of these events with interest.

First and most important among them was the passage of the Morrill Act, by Congress, during its summer session in 1890. By this Act, the college becomes the recipient of an annuity increasing from fifteen to twenty-five thousand dollars in ten years and thereafter remaining constant at the latter figures. The earlier alumni, will especially appreciate the value to the college of this assured stipend in addition to receipts from other sources.

Among the advances made possible by the aid of the Government is the establishing of a chair for more thorough and extended instruction in the English language both as spoken and written. The name of the department may be Rhetoric and the Modern Languages but a more extended drill in the correct use of our mother tongue is to be made a prominent feature of it.

It will be of interest to the alumni also to know that one of their number, Mr. H. M. Estabrooke of the class of 1876, adapted by nature and by training for such a position, has been elected to the new chair, and that he is to enter upon duty at the beginning of the next College year.

The Morrill Act, has also rendered possible the establishing of a Department of Horticulture, to which Mr. W. M. Munson, a graduate of the Agricultural College of Michigan, and for two years an assistant of Prof. Bailey of the Experiment Station, Cornell University, has been called. Professor Munson has entered upon his duties energetically and of him much is expected. He has a well trained assistant in the service of the department and will also direct the labor of a man and two horses through the season in strictly horticultural work and in improvements on the Campus. In connection with the plant-house constructed last autumn, another building, containing an office, a photographic room, and a room for the instruction of students in horticultural processes is to be immediately erected. In a short time, it is proposed to keep the lawn under the care of this department, the portion of the Campus in front of the principal college buildings extending to the county road and possibly later to the river.

Another result of Government aid is the establishing of two special courses in Agriculture, definite in outline, and extending over periods of one year and two years respectively; also a school of Dairy Instruction to be opened in August 1891.

The first installment from the Government appropriation is regarded as an equipment fund and the larger part of it has been assigned as shown below.

For the Department of Agriculture and for Dairy Equipments,	\$1000
" " " " Natural History,	2000
" " " " Chemistry,	1200
" " " " Physics,	1000
" " " " Civil Engineering,	1500
" " " " Mechanical Engineering,	1500
" Library,	3000
	\$14,200

An appreciated advance is made in the library which is now kept open eight hours a day under the care of a trained librarian, Miss Fernald of the class of 1884.

The providing of assistants for several departments has also been made possible, and one assistant, Mr. Grover, class of 1890, in the department of Civil Engineering, has been on duty for several months.

The recent State appropriation will enable the college to make very reasonable advances in the matter of buildings the present season.

The stable for horses now in front of the college barns will be moved to a site nearly in the rear of one of the barns and a tool-shed be built in connection with it.

A little south of the present position of the stable, a dairy house arranged and equipped for instruction in butter-making and cheese-making will be constructed. A foundry will be built in connection with the mechanical shop.

The structures that have been referred to will be of wood. The principal building to be erected will be of brick with granite trimmings, and will be located on the site of the building that was burned in February, 1890.

Although designed largely for the departments of Civil and Mechanical Engineering, it will accommodate in part, at least, other departments. It will be of general interest to know that very properly the former name is to be retained, and that the new building will bear upon its front the inscription "Wingate Hall." The Legislature also provided for the erection of a water-tower, designed, in connection with the water-system already established, to furnish fire protection for the buildings on the college grounds. It is proposed to make this tower one hundred and twenty feet in height, and to locate it on the ledge that comes near the surface of the ground a short distance north-east of the Experiment Station building.

The record of other changes and of improvements in progress would swell this informal letter beyond the limits designed. In conclusion, I desire to assure the Alumni that their Alma Mater will gladly welcome them back, as opportunity shall favor or permit their return, to witness the evidences that have been noted of her growth and prosperity.

TUBERCULOSIS IN THE COLLEGE HERD.

FROM PROF. BALENTINE'S REPORT.

It was discovered last October that two of the cattle imported from Massachusetts were afflicted with tuberculosis. For the benefit of those interested in the matter all of the facts relating to the appearance of the disease in the herd that have come to my knowledge are given below.

In May, 1890, the trustees placed upon the college farm the following Guernseys from the herd of Wm. P. Perkins of Wayland, Mass.: One five-year-old cow, Sard 4th, with calf at side; two two-year-old heifers, Velma 2d and Wayland Lady; one yearling heifer, Marghieta.

From the herd of Wm. A. Russell, Lawrence Mass., the following Holsteins: One seven year-old cow, Nitalia: one bull calf, Archer Aberdare, and a three-year-old cow, Agnes Schmit, for the Experiment Station.

There were on the farm at the time of the above purchase five cows, the property of the Experiment Station, namely: One Holstein bought in this state; two Ayshires bought in Vermont, and one Jersey bull, one-year-old, presented to the college farm by Mr. Brewer of Hingham, Mass.

There were added to the college farm herd the last of August seven grade cows and two Jersey two-year-old heifer all bought within the State. In December a Guernsey bull was added from the herd of Mr. Clark of Portland, Me.

There have been additions to the herd by birth of two yearling Jersey heifers, one of which is from an Experiment Station cow, the other from one of the heifers purchased for the college farm; two Jersey heifer calves from same cows; two yearling Guernseys out of Velma 2d and Wayland Lady; one Guernsey bull calf from Velma 2d; one yearling Ayshire bull belonging to Experiment Station from station cow. The above named animals, thirty-three in all, comprise the college herd.

The cattle that came from Massachusetts were inspected, at the request of the trustees, by Dr. Bailey, in July, 1889, after their arrival at the college farm in May of the same year.

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The temperature of some of the animals was above what is considered normal. Dr. Bailey could see no reason for it, and requested Dr. Russell to take the temperature from time to time.

In November, 1889, Dr. Russell reported the range of temperatures found by him. In January following, Dr. Bailey sent Mr. Haines a bill of health for the herd or rather for the animals purchased by the trustees in Massachusetts. The herd has been carefully watched from the start for any indications of disease on account of previous experiences. When the stock came here in May, 1889, Sard 4th's calf was scouring badly. By changing to other milk than its mother's and careful nursing, the calf recovered from that difficulty but never appeared thrifty until last spring. When she was turned out to pasture with five other heifers she was in good condition and looked as thrifty as any of them, and they were a very fine lot of heifers. The animals were visited often by our foreman and were seen by some of the men nearly every day. On October 18th, one of the stock men reported that this particular heifer was not looking well. She was taken up the same day and put in the barn remote from other animals. Dr. Russell's attention was called to her. He said there was trouble with her lungs but hoped it would only prove to be a case of pneumonia. After watching and caring for her for a few days, he had her removed to an out-building believing that she was afflicted with tuberculosis. Her place in the barn was thoroughly disinfected with corrosive sublimate by the doctor's orders.

On October 31st the farm committee were here and were informed of the state of the case. Dr. Russell advised the killing of the heifer which was ordered. Her lungs were found in bad condition and left no doubt as to the nature of the disease. Dr. Russell indicated that the dam (Sard 4th) of the heifer, was also in trouble.

The farm committee, acting according to law in regard to such matters, instructed me to notify the cattle commissioners, which I did by letter to Dr. Bailey on the same day. Dr. Bailey and Mr. F. O. Beal came here on the following Monday and examined only the dam of the heifer that had been killed. This cow was condemned and ordered in quarantine. No further examina-

tion of the herd was made at that time as Dr. Bailey was obliged to go to Augusta on the noon train. A week later they came again, killed Sard 4th (she was diseased,) ordered Velma 2d in quarantine for thirty days, because unable to decide her case with certainty at that time. Dr. Bailey advised watching the Holstein cow Nitalia closely. The remainder of the herd was pronounced sound.

IN MEMORIAM.

WILLIAM ALLEN MORRIS, '91.

It was with feelings of sorrow and regret that the class of '91, and the students of the college heard of the death of their former classmate and associate, William A. Morris.

During the summer he took a severe cold, leading to consumption, from which he died, after a short and painless illness at his home in Bangor, on April 20th. Morris was prepared for the M. S. C. at the Bangor High School, and entered college in the fall term of '88, taking the course in Civil Engineering. He at once became recognized as one of the brightest and most popular men of his class and was esteemed by all. During his Junior year he left the college to study for West Point, which institution he was to have entered this fall. He leaves to mourn his death besides his parents three younger brothers. THE CADET extends its sympathy to his friends and relatives in their great bereavment.

{ HALL OF PSI CHAPTER KAPPA SIGMA,
{ MAINE STATE COLLEGE, ORONO, ME.

Whereas, It has pleased Providence to take from us our much beloved brother, William Allen Morris, be it

Resolved, That we, the members of Psi Chapter Kappa Sigma Fraternity, do sincerely mourn his early and untimely death, and that we cherish his memory as a loyal and upright Kappa Sigma.

Resolved, That we tender our heartfelt sympathy and condolence to his bereaved family in their loss of a noble son and loving brother.

Resolved, That as a manifestation of our sorrow we wear the badge of the order draped and

inverted for thirty days.

Resolved, That a copy of these resolutions be sent to the relatives of our deceased brother, that they be copied in the minute book of the Chapter, and that they be sent to *The Kappa Sigma Star and Crescent*, the Bangor daily papers and *THE CADET* for publication.

HUGO G. MENGES,	} Chairman
M. L. BRISTOL,	
J. C. GIBBS,	

At a special meeting of the class of '91, at the Maine State College, the following resolutions were adopted.

Whereas, it has pleased the almighty God in his infinite wisdom to remove from our midst our former classmate, Mr. W. A. Morris, who departed from this life April 21st '91.

Resolved; That while bowing in humble submission to his divine will, we recognize the fact that He has removed from among us a young man of great promise and one who was esteemed highly by all with whom he came in contact.

Resolved; That we extend our heartfelt sympathies to his parents and friends.

Resolved; That a copy of these resolutions be sent to his parents; that they be put on the class records; that they be printed in *THE CADET* and the Bangor papers.

F. C. MOULTON,	} Committee
C. H. KILBOURNE,	
J. H. FLANAGAN,	

CAMPUS.

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Apology or mamma.

A lesson for geologists.

J. W. Owen, Jr., of the class of '90, called on his acquaintances at Orono, as he was returning from Easton, where he has been teaching.

The engine spoken of in these columns some time ago as being built by Valentine of '90, is completed. Valentine has done all the planning and all the work, except making the castings, and he deserves the congratulations

which he is giving himself, and the commendations which others are giving him for successfully completing the work. The engine is designed to be used in a small boat, being reversible and though small it exhibits nearly all the principles used in very large engines.

Because we live in a cold climate we are not deprived of the delicious things of the vegetable world, and those promptly in their season. Our green house furnishes us early vegetables already.

Appointments for the board of editors of the *CADET* to serve next year are Atkinson, Bristol, Fernald, Prentiss and Tyler of '92; Atkinson, Gannett and Jordan, of '93, and Cowan, of '94.

A Dean Steam Pump has been added to the list of machines used for instructing in the mechanical department.

The Juniors who are appointed to take part in the Junior exhibition are Alexander, Atkinson, Butterfield, Clark, Fernald, Gibbs, Grover, Prentiss, Randlette and Bristol.

"Fid" has good authority for changing the spelling of the word he writes so often from Anne to any.

May the students of Maine State College ever be deserving of the compliment lately received by a prominent man that they have more self-respect than a few years ago.

The term is half done and the mid term exams. are over.

The Juniors have finished Calculus, that is, most of them. Several of them got out on the ninety per cent. system.

This is Lieutenant Hatch's last term with us. He goes to join his regiment soon. He will be much missed here.

Prof.—"How? this rock shows that it has, how? been formed by how? sedimentary de"—
Class—"posits."

The trustees held their regular meeting here on April 10. An account of their doings and of the improvements to be made here this season will be found elsewhere.

Holden, '92, has secured the *savory* position of collector of phosphates for the Experiment

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Station analyses. He has already taken several trips into various parts of the State.

The Q. T. V. Fraternity here have improved their chapter house by putting in a bath room with modern conveniences.

The appointments of men to take part in the competition for the prize in Soph. Declamations, have been made. They are Alexander, 2d, Atkinson, 2d, Buck, Crosby, Gannet, Gould, Jordan, Kitteridge, Miss Smith, Smith, Shaw, Whitney.

Prof. Wentworth of Boston has been engaged instructor in elocution work.

Bids for the construction of the new Wingate Hall were opened in Waterville on April 15th.

The Seniors are doing laboratory work upon mineralogy.

It is said that the Freshmen this term have a strong *avidity* for *humidity*.

The ball team is practising regularly and is making a good showing. Several practice games will be played with various clubs.

The Seniors are to have their Commencement Concert in Bangor this year in the Opera House. This change is a necessity since the Town Hall is burned. The date is also changed from Wednesday, June 24th, to Tuesday, June 23. This change was made because part of the talent which was wanted was engaged for the 24th. On account of this change the President's reception will be held on Wednesday instead of Tuesday. The talent already engaged is the Lotus Glee Club of Boston, and Alfred De Seve, the great violin soloist. There will probably be some solo singer to be selected later. A first class concert in every respect will be given, and it is expected that Bangor people will give their support.

Since Capt. Merrill of Co. B has left college, the following appointments by the Faculty have been made: To be captain of Co. B, 1st Lieut. Hugo G. Menges; to be 1st Lieutenant, 2d Lieut. R. G. Lord; to be 2d Lieutenant, Private John H. Flanagan.

Drill for the batallion began April 14th.

Our boarding house is a land flowing with milk and honey, except when Stubby says the milk runs dry.

Gould, '94 has been initiated into the Beta Theta Pi Fraternity.

The fife and drum corps are again on deck under the leadership of W. M. Bailey. Bailey, Hamlin, 2d, and Williams pound the calf skins, while Alfred, Kilbourne and Graves manipulate the whistles. They hope to learn a few more "tunes" this term.

April 1 saw us upon the diamond practising. This is the earliest date that the grounds have been suitable to play on for years.

On the morning of April 1st there was congregational singing in chapel. The students rose in a body and united in singing America. The Faculty looked surprised at first, but soon became calm, when they comprehended the harmless nature of the joke.

A trio—"Jug," "Bug" and "Tug."

Keyes, '91, has been at home for a week. Scott, formerly of '91, was upon the campus a short time ago.

Williams, '90, is with us again taking a post graduate course in chemistry.

Timberlake and Maguire are doing quite a business in connection with their agency for the sporting goods of Horace Partridge & Co.

Prince, '91, who was called home by the death of his father, has returned.

Our menagerie—"Chipmunk," "Muskrat," "The Frog," "Bedbug," "Woodchuck," "Poodles," and the "Baby."

Although M. S. C. won the pennant in '88, and took second place in '89 and '90, still we "can't play ball," our enemies being judges.

The contract for the building of Wingate Hall has been awarded to M. C. Foster & Son of Waterville. This contract includes everything except the steam heating apparatus which will probably be put in by Carmen & Thompson of Lewiston.

Prof. Munson and Pres. Fernald will make some improvements in the campus this vacation. Some of the small building will be removed.

The stable at the farm stand has been moved and now stands back of the barns.

The improvements on the campus has begun. Prentiss and Holden have had their beards eradicated. It is a pity some others can't take the hint and remove some superfluous hair.

The civil department has lately received an increase of apparatus in the line of new leveling rods, transit poles, tapes, etc., and a valuable planimeter.

The Sophomores have begun surveying in the field.

The Senior's Civils have commenced work upon their theses. They all take an iron bridge of the Pratt Truss type.

Muskrat shooting is a new pastime, but it takes a blind man to hit one.

Some enterprising students with a desire to benefit mankind recently placed the skeleton in a position where it could be seen by a greater number of students than usual, and so make the study of the human bones more general, it is presumed. The position selected for the exhibition was the gable in the front of Coburn Hall. There it remained till "Steady" steadied it down.

A new society pin has appeared upon the campus, and the Greek World is represented here by another Fraternity. This time it is Alpha Tau Omega which makes its advent, and the badge is the maltese cross. This makes the fourth college fraternity at M. S. C., the other being, in order of establishment, Q. T. V., Beta Theta Pi, and Kappa Sigma. The Me. Beta Upsilon chapter of A. T. O., was organized here on April 10, with fourteen members, and came into existence from the absorption by A. T. O., of the local society of S. I. U. which has been in existence here nearly two years.

The members of the new chapter were initiated by J. W. Norris, representing the chapter at the University of Vermont, and this new branch of the fraternity is its forty-fourth chapter. On Saturday evening the new society held its first banquet at the Bangor Exchange, where a bountiful supper was provided, appropriate toasts responded to and a very pleasant occasion enjoyed.

In the last edition of the college catalogue there are given the names of 752 students, who have attended the institution. For these there occur but 212 different Christian names of which 126 are used but once and 38 but twice. Charles is the favorite, leading with 71, followed by George 56, William 45, John 40, Frank 39, Fred 26, James 24, Edward 18, Edwin 14, Henry 14, Harry 13, Joseph 13, Arthur 12 and Samuel 10. The first five names comprise a third of the total number and there are twelve that make up one-half. Other names occurring more than five times are Ralph 9, Walter 9, Albert 8, Elmer 8, Robert 8, Herbert 7, Benjamin, Eugene and Thomas 6 each. Clara, Clarence, Frederick and Horace 5 each, David, Daniel, Lewis, Nellie and Willis 4 each, and sixteen names given three times each complete the list.

INSECT LIFE, a publication issued by the U. S., Department of Agriculture, and edited by C. V. Riley, government entomologist, contains the following concerning Prof. F. L. Harvey's bulletin on the apple maggot: "One of the best pieces of work which has been done by the experiment station entomologists in the past year has resulted in the publication of this paper by Professor Harvey. He has outlined a careful investigation and carried it through successfully, and has presented his results in a straightforward scientific and readable way. He gives for the first time accurate observations upon the eggs, careful studies of the reproductive system, observations upon the act of oviposition and a list of sixty-six varieties of apples infested by the maggot, with comparative statements as to damage. His summary of the life-history is very careful, and his consideration of the remedies, includes an account of the useless methods, the preventative measures, and the direct methods. He follows with some critical remarks upon the anatomy of *Trypeta*, and a summary of the previous writings upon this insect, correcting the numerous errors which have occurred in print.

The Wellesley girls have been measured and the average waist measure of the 1,100 students was found to be 24.2 inches. Physicians say this is too small for health.

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PERSONALS.

'75.—Prof. W. H. Jordan, director of the Agricultural Experiment Station at the college, has been tendered the position of chief of exhibit in Animal Nutrition at the Columbian Exhibition at Chicago, and has accepted.

'76.—The *Bangor Whig* says that Rev. A. A. Lewis, formerly pastor of the Methodist Episcopal church in Brewer, now the successful pastor of the Wesley Methodist Episcopal church, Bath, has had wonderful prosperity since his appointment to that pastorate. In sixteen months he has received sixty-one into the church. He has been cordially invited to remain, but just now a strong temptation to go abroad has presented itself which may be yielded to. A gentleman has been engaged by the highest authorities of the British government to deliver a series of lectures in England, Scotland and Ireland, and Mr. Lewis has been invited to accompany him as assistant and companion, at a large salary with expenses paid. His many friends considering this a rare chance urge him to accept. Should he so decide he would take a supernumary relation for one year.

'78.—Mr. Chas. C. Elwell, who has been assistant engineer of the W. & N. R. R. has recently been appointed Division Engineer of Maintenance of Way, Philadelphia Division of the Baltimore and Ohio R. R.

'79.—Chas. A. Morse, C. E., has returned East and is on a visit to his father, Chas. B. Morse, the well known Bangor contractor. Since his graduation Mr. Morse has been very successful at civil engineering, having been at different times connected with the Mexican Central Railway, the Chicago, Burlington and Quincy, and more recently, the Atchison, Topeka & Santa Fe. His headquarters for some years past have been in Kansas.

'80.—Mr. J. B. Horton is now a member of the firm of Dean & Horton, dealers in steam, gas and water supplies in Lincoln, Neb. Mr. Horton did not graduate from the college, having gone to Sandusky, Ohio, in 1878, where he remained for seven years. Then he went to Lincoln, Neb., which he has seen increase

from a city of 18,000 inhabitants to one of 60,000 in the last five years.

'81.—*The American Journal of Science* for April contains an article of much value and interest to mineralogists, it being a monograph on crystalized azurite from Arizona, by O. C. Farrington, assistant in the mineralogical laboratory of the Sheffield Scientific School, Yale University. It is understood that the article will receive a great deal of attention abroad as well as at home, for it will be published in several foreign scientific journals.—THE CADET regrets to learn of the sudden death in Minneapolis, Minn., of Mr. Robert John Johnson, who had been in the civil engineering business there since his graduation. Mr. Johnson was a man of marked ability and had many friends in this vicinity, having married a daughter of Cornelius Murphy, Esq., of Old Town. No particulars were received and it was not even known that he was ill. The remains were brought to Old Town for interment.

'85.—Joseph F. Gould, Esq., has been chosen City Attorney of the newly incorporated city of Old Town.—Mr. and Mrs. A. J. Keith, of Old Town are happy over the birth of a baby girl.

'85.—Dr. F. L. Russell, veterinarian at the Agricultural Experiment Station, is the happy father of a promising baby boy.

'86.—S. S. Twombly, formerly adjunct professor of chemistry and agriculture, and vice director of the Experiment Station at the Arkansas Industrial University, has just graduated with the highest honors from the veterinary department of McGill University, Montreal. At his graduation he received a silver medal for the best examination in all subjects, and first prize for best essay read before the Veterinary Medical Association. Dr. Twombly has accepted a position as Professor of Veterinary Science in Perdue University, Lafayette, Indiana, and entered upon the discharge of his duties the first of April.—Heywood S. French, has charge of the construction of sewers, which the city of Newton, Mass., is putting in. His address is, P. O. Box, 552, Newtonville.

'88.—Mr. Bert E. Clark is teaching in Scarborough, Me.—D. W. Colby and wife, of New

York City, are very proud of their young daughter who was born April 9th.

'88.—The many friends of Mr. F. S. Brick, the popular principal of the high school in Berlin Falls, N. H., will unite with THE CADET in congratulating him upon his marriage to Miss Stella Rigby, formerly of Stillwater. —Mr. J. W. Hatch, instructor at the Hampton Institute, Hampton, Va., has an interesting article on Agriculture and Science, in the last issue of the *Southern Workman*, a paper published by the students of the Institute.—Charles D. Blanchard has been chosen city engineer of Old Town.—Mr. A. H. Baker, of Rockland, who has been on the stage, appearing in such well known combinations as the Boston Theatre Co., and Hoyt & Thomas Companies, has been obliged to lay off this winter on account of illness. He is now engaged upon a plan which he thinks will keep him in Rockland in the future, it being the starting of a new theatre. Hon. Nathan Farwell has partially decided to refit Farwell Hall, making it, in every respect, a first class place of amusement, and Mr. Baker proposes, in that case, to lease and manage it. He has been in Bangor recently to consult with manager Owen, in regard to perfecting a Maine circuit, a plan which both of them think very favorably of. Mr. Baker, thinks that Rockland ought to be made a first-class show town if properly handled for good attractions and he is willing to try his hand at developing it.

'89.—The work that Geo. G. Freeman of Cherryfield, has done the past year as supervisor of schools is evidently appreciated, for he has just been re-elected to that position.—The Roanoke Va., *Times*, of April 5, has a full account of the organization of the Association of Engineers of Virginia in that city, April 4th. Among the biographies of Engineers in its columns we clip the following: "C. G. Cushman was born in Piscataquis county, Maine, in 1861, where he lived until 1881, when he moved to Bridgton in the same State; served an apprenticeship as a machinist until the spring of 1886, when he entered the Maine State College, graduating with the class of '89, with the degree of Mechanical Engineer. After leaving college he was employed in the engineering

department of the Trenton Iron Co., of Trenton N. J., until October of last year, when he came to Roanoke to engage in the business of general iron contractor. At the November meeting of the American Society of Mechanical Engineer. Mr. Cushman was made a member of that society."

OTHER COLLEGES.

For the first time the University of Leipsic will this season admit women. So far six women have registered, four of whom are Americans.

—*Wellesly Prelude.*

Sixty per cent. of the students in Toronto Medical College are pledged total abstainers.

—*Ex.*

Cornell is said to have the finest collection of works on French History to be found outside of France.

Hereafter every Professor at Columbia will have leave of absence at the end of seven years, and after fifteen years will be pensioned at half pay.

The formal inauguration of President Gates, of Amherst, has been postponed until Commencement week. President Seelye has refused to remain a member of the Amherst faculty, but will lecture occasionally.

Ex.

The University of Pennsylvania is trying to raise \$1,600 for the equipment of the crew.

—*Crimson.*

Twenty acres of land have been purchased at Williamsburgh, at a cost of \$50,000, for Columbia's new athletic grounds. Twenty-five thousand dollars will be spent in laying out the grounds and in building the track.

The "mortar board" hat is to become an established institution at Cornell. Tuesday the freshman appeared at recitations wearing them.

The British Astronomical Association has elected Professor Mary E. Bryd of Smith College to its membership.

Harvard has decided to allow the substitution of Japanese and Chinese for the Greek and

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Latin required for entrance. It is thought that this will attract many Japanese students to Harvard.

—*Athenæum*.

Probably no other college is better represented to-day in the press of the country than Williams. Over thirty of the best dailies, weeklies and monthlies of the land are edited by sons of Old Williams.

—*Lantern*.

The largest proportion who fail to pass the physical examinations at West Point have defective vision. The next greatest cause of failure is cigarette smoking.

The students of the University of North Carolina have petitioned the trustees to put the English Bible in the course and to make it elective.

Michigan has seventeen graduates in Congress, the largest number representing any institution of learning in the country. Harvard has sixteen and Yale eleven.

—*Ex*.

The cheapest paper in the United States is said to be published at Deadwood, South Dakota. Its subscription price is a half a pound of tobacco a year.

The Junior known for his liberal translation of Virgil has again convinced his classmates of his right to this renown: "Sic fatus Senior," such a fat senior.

—*Ex*.

Ann Arbor is to have an instructor in boxing and wrestling.

—*Ex*.

\$20,000 have been subscribed for the erection of a gymnasium for the Chicago University.

CLIPPINGS.

AT THE CAMP-FIRE.

I.

Our watch-fire burns;
The soldier turns
To meet the friend of long ago.
The moments fly;
The years haste by;
But dearer doth each comrade grow.

II.

We tramp once more
Our marches o'er;
We sing the songs we loved of old;
We grasp the hand;
Our hands expand,
And closer to each friend we hold.

III.

Can we forget?
Ah no! Not yet!
Despite our hair in rebel gray,
The fact is true,
We wore the blue.
And started hence the other day.

IV.

If comrades fell,
To them farewell!
And o'er them votive offerings place,
Recall the while
Each hero's smile
And cherish the familiar face.

V.

Remember, boys,
Beside the joys
That duty calls us hence once more,
Let every man
Our motto scan;
Be "ready, willing," as of yore!
Wm. Whitman Bailey.

THE NEGRO MELODY.

Come listen to the music,
A simple rustic lay;
The song the negroes used to sing
The song the banjos play.
Way down in Alabama
In old plantation days,
They sang the songs of love and trust,
Of Thankfulness and praise.
They sang the songs of courtship,
Of beauty and of joy,
The songs of earth and songs of heaven,
Of bliss without alloy.
I love the happy music,
And often long to hear
The notes that in the days gone by
Fell sweetly on the ear.
And sometimes in my dreaming
I listen for the strain,
As in the days of long ago
To catch the notes again.
And when within the portal
Of Heaven's open door,
Beyond the cares and pains of earth,
Upon the other shore,
I enter homes of glory
Beneath a brighter sky,
Oh, may I hear those songs of trust,
As in the days gone by.

H. K. R.

Directory of the Secret Societies and Associations Connected with the Maine State College.

Q. T. V. Fraternity, Orono Chapter, No. 2.

Meetings every Friday night in Chapter House.

W. G. M.....H. V. Starrett.
V. G. M.....Edmund Clark.
Cor. Sec'y.....Prescott Keyes, Jr.

Maine State Chapter, the Beta Eta of Beta Theta Pi.

Meetings every Friday night in Chapter House.

Pres.....Wallace R. Farrington.
V. Pres.....W. E. Healey.
Cor. Sec.....R. H. Fernald.

Psi Chapter of Kappa Sigma, Maine State College.

Meetings every Friday night in Chapter Hall.

Pres.....W. N. Patten.
V. Pres.....M. L. Bristol.
Cor. Sec.....J. Prince.

Me Beta Upsilon of Alpha Tau Omega.

Meetings every Friday night in Chapter Hall.

W. M.....C. H. Kilbourne.
W. K. E.....R. J. Arey.
W. C.....B. A. Hall.

Reading Room Association.

Pres.....H. G. Menges.
V. Pres.....W. C. Holden.
Sec.....H. O. Robinson.

Coburn Cadets.

Second Lieutenant, E. E. Hatch, 18th U. S. Infantry, Commanding.

Cadet Edmund Clark, Major and Commandant.
Cadet J. W. Steward, First Lieutenant and Adjutant.
Cadet H. V. Starrett, First Lieut. and Quartermaster.

Co. A.

Captain, W. R. Farrington.
First Lieut. W. N. Patten.
Second Lieut. T. L. Merrill.
Third Lieut. C. Hamlin,

Co. B.

H. G. Menges,
R. W. Lord,
Wm. R. Farrington.
J. H. Flanagan.

Geo. H. Hamlin Hose Company.

Pres.....H. G. Menges.
Foreman.....C. M. Randlette.
Sec. and Treas.....G. P. Maguire.
Steward.....W. C. Holden.

Y. M. C. A.

Meetings every Wednesday evening in the Association Room.

Pres.....B. A. Hall.
V. Pres.....M. L. Bristol.
Cor. Sec.....H. M. Prentiss.

M. S. C. Publishing Association.

Pres.....T. S. Merrill.
V. Pres.....G. P. Maguire.
Sec.....W. M. Bailey.

Base Ball Association.

Geo. F. Rich.....Pres. and Manager.
E. T. Hamlin.....V. Pres.
P. R. Wilson.....Sec.
E. Clark.....Treas.

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