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THE CADET.

VOL. II.

ORONO, MAINE, MARCH 4, 1887.

No. 1.

The Cadet.

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

BOARD OF EDITORS.

F. E. TRASK, '87 *Editor-in-Chief.*
A. R. SAUNDERS, '87 *Business Editor.*
D. W. COLBY, '87. C. T. VOSE, '87.
J. S. WILLIAMS, '87. S. F. MILLER, '88.
D. E. CAMPBELL, '88. E. H. ELWELL, '88.
C. G. CUSHMAN, '89.

TERMS:

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

Subscribers not receiving THE CADET regularly, or those changing their address, should notify the Business 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 can be obtained on application to the Business Editor, to whom all business communications and remittances should be sent. All other communications should be sent to the Editor-in-Chief.

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

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CHATS ABOUT CELEBRITIES.
HASH.

THE BATTLE OF NEW ORLEANS.

"The first *attempt* was made to fight
Was on December, the twenty-third night;
The volunteers from Tennessee
Was *kild* and captured sixty-three.

"The next attempt the British made
Was on December the twenty-eight;
Then marched the invader toward our line,
Till wee frustreated their dezine.

"But sum of our men did yeald
And faul a victim on the field;
Those that ley kild in their own goare
Was *Kernel* Henderson and six more.

"On New Year's morning, as the sun did rize,
A heavy fog darkened the skize,
A British *kenon* did us alarm,
Which made us all fly to our *arm*.

"The battle lastid that hole day—
Artillery on both sides did play;
The fierey darts that at us flew
Were kenon bauls and rockets two.

* * * * *

"Wee are melitia from Tennessee,
Turned out to fight for *Libertee*;
Come, let us join with one acord,
And hold our freedom by the Swoard.

"Now we have gained the victoree,
And caused our enemy for to flee,
We wait to hear our General say
Heel march us back to Tennessee.

"Then we will bid Orleans *adew*,
And on our journey *weel* pushue,
And for sweet Tennessee weel steare,
To meet our wives and sweethearts dear."

A. K. L.

EDITORIAL.

IT has been quite a long time since we last greeted our friends. But we ask you to remember that we have eleven weeks of vacation in the winter, consequently our non-appearance. It would have given us pleasure to have extended to you the customary holiday greetings; but at this late day we will refrain, and simply say "thanks" for those *we* received.

With this number we start upon our second year. The past year has been a year of "trials and tribulations;" but "perseverance and persistence" together with the kind reception of our endeavors have brought us to our second volume. To suit the convenience of the Board of Editors we have decided to issue THE CADET on the first instead of the last Friday of the month.

Although we make no immediate radical changes, still we hope to make improvements, both mechanical and literary, from time to time during the year.

We shall give greater prominence to College items and affairs, than has been the case heretofore. For, while we believe in a well edited literary department, we do not believe that the literary department should absorb the greater part of the paper as is the case with many College publications.

What the Alumni and friends of a college desire, when they open a college paper, is information concerning college affairs, and not the discussion of literary subjects. Acting upon this supposition, we shall strive to give our readers a knowledge of what transpires at the M. S. C., and at the same time offer them a literary department which, we hope will merit their attention and perusal.

DURING the winter vacation C. H. Benjamin, professor of Mechanical Engineering accepted a position in Boston, Mass., and resigned his professorship which he had held since 1881. Prof. Benjamin labored hard and successfully during the entire time that he was connected with the College. The best wishes of the students go with him.

Walter Flint, M. E., class of '82, who had been instructor in shop-work from the time of his graduation, was appointed to the position of

professor of Mechanical Engineering; and Mr. H. S. Webb, '87, was appointed to take the position which had been held by Prof. Flint.

J. N. Hart, B. C. E. '85, was appointed as instructor in mathematics and field-work.

THE Freshman class has been increased this term by a number of new men, eight having registered in that class, raising its number to forty men; and making it the largest class in college, and one of the largest Freshman classes in any college in the State. This increase is very flattering to those interested in the College and indicates that it is becoming more widely known, and that its advantages are being better appreciated.

THERE is in the College at the present time, a large number who are possessed of good voices and who are desirous that singing be added to our chapel exercises. The Glee Club organized last term, has signified its willingness to take the lead in this matter and will be aided and supported by the students, provided an instrument for accompaniment be secured. It seems that this might, with pleasure and profit, be added to the services and all are ready and willing to do what they can to help this matter along. We hope that something will be done towards this end soon; and that before long our chapel will be provided with an organ and books; then singing in our chapel exercises will become a permanent arrangement.

THE movement inaugurated by Tufts and which resulted in the formation of the New England Intercollegiate Press Association at Boston, February 22nd, meets with our hearty approval and support. Such an association can not help being very beneficial to college papers, bringing them into close relationship and establishing stronger friendship. We were represented by Lazell, '87. His report will be found in another column.

WE think it our duty to call the attention of the Trustees to the absence of much needed fire escapes on our dormitory buildings. The matter was mentioned last term and we expected some move in this line, but thus far

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no steps have been taken. Brick Hall is a veritable fire trap and should it catch fire when its occupants were all asleep the result might be sad. White Hall, although not so high, is constructed of wood and its occupants are all in the upper story and in case of fire would find it difficult to escape. Thus the small expense to be incurred by placing proper means of escape from the upper stories of these buildings might in the future be the price of several lives, if these appliances are not procured. We hope that those who have the supervision of this matter will give it careful and immediate attention and not wait "Till the horse is stolen before locking the stable."

WE have before us a "Report of the Trustees and Faculty" of the M. S. C. for the year 1886.

As many of our readers do not have an opportunity to examine this Report, we will give a brief review, hoping that it will be interesting to some if not all.

The first thing we notice, on opening the Report, is the new engraving of the Buildings and Grounds. This is a great improvement over the one inserted heretofore, and will be heartily welcomed by the students and friends of the College.

Hon. Lyndon Oak, President of the Board of Trustees, states that the Board is composed of nine members, and that the Alumni of the College are represented by Wm. T. Haines, Esq., of Waterville, and Arthur L. Moore, B. S. of Limerick. In speaking of the military department he says, "The Trustees were present at the military review and drill that occurred at the close of the summer term, and were much gratified to witness unmistakable indications of increased interest and efficiency." After alluding to Prof. C. H. Fernald, and the regretful acceptance of his resignation, he pays this compliment to Prof. Harvey: "Coming to the College with endorsements exceptionally strong, and having discharged his duties through the fall term with marked success, the Trustees elected him to the chair of Natural History without hesitation. * * * Prof. Harvey's broad culture as a naturalist, his comprehensive grasp of the details of his department, and his habits of investigation can not fail to make him

greatly useful to the College, and through the College, to the State, if the State will provide him with reasonable facilities for effective work." He also speaks in high terms of Mr. Gowell and his good management and great improvement of the College farm. The "Need of a New Building" is so concisely and correctly stated and proved, that the Legislature will probably feel the necessity of making the required appropriation. Two years ago the appropriation for the Experiment Station caused the defeat of the Building appropriation, but this year there is no danger from that direction and we feel sure that we are to have the building which is so much needed.

The following are the amounts asked of the State for the wants of the Institution for the next two years:—

For purchase of cattle,	\$5,000 00
" new building,	18,000 00
" instruction,	4,000 00
" expenses of Trustees,	500 00
" insurance,	600 00
" apparatus,	2,500 00
" water supply,	1,000 00
" contingent expenses,	750 00
" new barn,	1,000 00

Pres. Fernald gives the following statistics concerning the graduates:—"The whole number of graduates is 238; prior to June, 1886, the number was 222. Of these 11 have died, leaving 211 now living. An examination made in July, 1886, disclosed the fact that of the 211 graduates referred to (those of 1886 not being included) 18 are farmers and 11 are specialists in agriculture, viz: One Professor of Agriculture, 1 Director State Experiment Station, 5 Assistants in Experiment Stations, 1 Editor Agricultural Paper, 2 Veterinary Surgeons and 1 Botanist in United States Department of Agriculture; 38 are Civil Engineers, 22 Mechanical Engineers, and 15 are engaged in manufactures. In other words, 14 per cent. are engaged in agricultural pursuits, 18 per cent. in Civil Engineering, 10 per cent. in Mechanical Engineering and 7 per cent. in manufactures, or, summarizing, 49 per cent. are engaged in these four very important forms of industry. Of the 107 graduates remaining, 30 are teachers, and 31 are engaged temporarily in miscellaneous

callings. Many of these, it is reasonable to assume, will eventually be found engaged in the four classes of pursuits first named. Of the living graduates whose occupations are under notice, the number engaged in the so-called professions is 19, or 9 per cent. whereas 91 per cent. are employed in other and varied industries. Of the living non-graduates whose occupations are known, 13 per cent. are in the professions and 87 per cent. in various industries."

Prof. Rogers asks for an assistant in his department. Since reviewing the work he has to perform, we believe his request should be complied with, and our only surprise is that he had not made the request before.

Prof. Hamlin makes a suggestion which we hope to see put into practice. The employment of lecturers who are specialists in the different departments of civil engineering.

Prof. Benjamin asks for additional apparatus for object illustrations together with sanitary improvements for his building.

Mr. Flint shows by his report that there are some improvements needed in the shop, the most important being the ventilating fan for the forge-shop, and the feed-water heater for the boiler.

Prof. Aubert enumerates the work of his course, asks for additional apparatus and calls attention to his crowded room.

Prof's Balentine and Harvey, both ask for funds for building up a *cabinet*, referring to the remarks of a prominent graduate of the M. S. C., who said:—"The one thing most needed at the Maine State College is a good working cabinet."

Finally, on closing the Report we become convinced that the College is doing a good work and making rapid progress.

The College Curriculum has received a few changes for the better during vacation, viz: Geology and Mineralogy have been made general for the Seniors, and Qualitative Analysis for the Sophomores, thus giving a broader scope to the Engineering course.

More improvements in the Reading Room. Hanging lamps have been put in, and kept lighted until study hours, and until 9 o'clock Saturday and Sunday evenings. The next improvement *ought* to be a little better order.

L I T E R A R Y .

QUARANTINE STATION FOR NEAT CATTLE.

The outbreak of Tuberculosis among the fine herd of Jerseys at the College Farm, with their subsequent quarantine, has led me to believe that a general idea of the methods pursued by the United States authorities to prevent the introduction of contagious diseases into this country, would not be uninteresting to the readers of the CADET, and least so to those who have been members of the Agricultural Department of the College.

In presenting this outline of the work of quarantine stations, the reader's attention is called, first, to the United States law establishing them; second, to a more detailed account of the management of the quarantine station at Garfield, N. J., with which the writer was for some time connected. The stock industry of this country is a very important one. It is an industry, whose influences are very far reaching. If by any means a contagious and fatal cattle disease should become wide-spread here, its effect would be very disastrous; hence, upon the outbreak of Pleuro Pneumonia and other contagious diseases in Europe, Congress enacted a law, which was approved March 3, 1883, prohibiting the introduction of neat cattle, or the hides of neat cattle, except they should be subject to a quarantine of ninety days from the date of shipment. In accordance with the above exception, cattle quarantine stations have been established at Portland, Me., Waltham, Mass., Garfield, N. J., and Baltimore, Md.

The town of Garfield is situated on a branch of the Passaic river about twelve miles from New York, and four miles from Patterson, N. J. being connected with each of these cities by the New York, Lake Erie, and Western R. R. The population is between four and five hundred. The property is nearly all controlled by one person, but unlike the noted town of Pullman, every person is welcome, in fact is encouraged to settle there without regard to the corporation by whom they are employed,

The quarantine grounds were leased and put in order by the Treasury Department authorities, and consist of about forty acres of land, through which flows a living stream of water,

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Guernsey
Hereford
Red Poll
Short Ho
Sussex,
Ayrshires
Normand

which widens out as it nears the Pasaic river, into quite an attractive pond.

In order for these stations to fulfill the purposes of their creation, it is essential that they should be so arranged, that the various herds of cattle, excepting those of the same shipment, will not come in contact with each other, or pass over the same roads until proved to be free from disease, and that attendants, feed, and visitors to the station, should be denied passage from one herd to another without thorough disinfection.

The grounds are, therefore, enclosed by a close board fence four feet in height. Within this enclosure there are twenty-four byres, (using local terms) each byre being surrounded by a paddock. These paddocks are so arranged that their limits will not be less than thirty feet from each other, and at the same time allow the cattle to enter them by one road, and leave them by another. The byres are of different sizes, their capacity varying from ten to sixty head. The larger byres are filled with box stalls and feed rooms, while each is provided with one or more grain boxes. The United States authorities furnish shelter, while the owners must provide feed and attendants. The attendants are not allowed to pass from one byre to another without thorough fumigation. Visitors are admitted to the grounds only by written permits from the inspector in charge, and are strictly required to visit the byres in regular sequence, commencing with the longest in quarantine. "The station is in charge of an educated veterinary surgeon as infector, and everything is as thoroughly systematized as in a good hospital."

The first cattle were received June 11, 1883, and up to Sept. 1, 1885, there had been received three thousand four hundred and ninety, as follows:

Holsteins,	-	-	-	-	2,726
Jerseys,	-	-	-	-	551
Aberdun Angus,	-	-	-	-	56
Brown Sevis,	-	-	-	-	32
Galloways,	-	-	-	-	29
Guernseys,	-	-	-	-	26
Herefords,	-	-	-	-	20
Red Poller,	-	-	-	-	16
Short Horns,	-	-	-	-	12
Sussex,	-	-	-	-	11
Ayrshires,	-	-	-	-	9
Normandy,	-	-	-	-	2

G. H. A. '84.

LIFE, LOVE AND FAITH.

A COLLOQUY.

PESSIMIST.

What is life but a fleeting breath,
A season brief of joy and sorrow,
A smile at birth, a tear at death,
Here to-day and gone to-morrow?

OPTIMIST.

Life. O Pessimist, life is fair.
Bright are its mornings, its evenings red;
Its paths are strewn with the blossoms fair
That fall from the clustering boughs o'erhead.

Life is a sweet and joyous time,
Where friends are many, and foes are few;
The air is filled with the silver chime
Of bells, and fresh with the morning dew.

PESSIMIST.

What is Love but the phosphor light
That leads the way to the stagnant fen?
What is Love but the taper bright
That lures the moth to its fate again?

OPTIMIST.

Love. O Pessimist, Love is a flame
That frees the heart from its chill and rime,
Love is a sweet and deathless name,
Love is the fading Flower of Time.

Love is the light in the eastern sky
That heralds the dawn of the coming day,
Love was the star that shone on high
When the Holy Babe in the manger lay.

PESSIMIST.

What is Faith but a blind belief,
The cap and bells of a trusting fool?
The wave that bears to the sunken reef
The fated bark of a human soul?

OPTIMIST.

Faith. O Pessimist, Faith is a rare
And sparkling stream from a crystal fount;
Faith is a broad and shining stair
Up which the soul to heaven may mount.

Faith is the glass through which is seen,
When a night of sorrow the heart enshrouds,
The burnished towers and the dazzling sheen
Of the golden city beyond the clouds.

H. M. E. '76.

THE ETHICS OF HUGGING.

LEARNED DISQUISITION UPON A VERY POPULAR INDUSTRY.

Not by Samson Johnuel.

A few days ago a young gentleman residing in this town hugged his grandmother with such fervor that three of the old lady's ribs were dislocated, and she now lies in a precarious condition.—*Hopkintown Hopvine*.

THE above clipped from an enterprising dispenser of public news, we may say is an unprecedented case, an unparalleled catastrophe. The members of the masculine family

may hug the opposite sex with such ferocity as to endanger life and limb, but never has the operation been performed upon a grandmother. Nearly an epoch ago a young man in the far East embraced his sweetheart with such intense individuality that when the hug was accomplished she was beyond this mundane sphere. But as she was a victim of heart disease the jury brought in an exonerating verdict that the swain was only in part responsible for this melancholy occurrence. And we have confirmed authority that the patriotic maidens of that town drew up and signed resolutions to the effect that the deceased was the only victim of that disease in the parish, completing their philanthropy by sending a vote of thanks to the coroner and jury for their wise decision.

Hugging is a comparatively modern institution; our ancestors never hugged. They calmly and unenthusiastically embraced. Now, here I pause to draw a distinct and dividing line between the hug and the embrace. The hug, mentally, physically and scientifically considered is an earnest, impetuous, political caucus, contraction of the muscles, approaching the spasmodic, when the object of such physical activity lies within the hyperbolic curve of the arms, with the chest as the focus, or center of curvature. (The reader is referred to Lovenet's *Principles of Hyperbola*, or he can work out results to his own satisfaction.)

The warmth of the hug is determined by the extent of the muscular contraction, which increases inversely as the square of the distance. But careful anatomists assert that the hug is not finished when the object is brought in contact with the chest. On the contrary the sweep of the hyperbola is but the shell of the nut. The kernel is reached when the space between the hugger and the huggee is annihilated, and a thin knife could only be inserted between them with bloodshed. We have now approached the most critical stage of the operation. The safety valve limit is reached and a pound, nay an ounce of extra pressure may result in a displaced rib, or at least the rending of a cor-cor-corset string, and the inevitable destruction of bangs, Lisbon waves and other head gear. The release should be as skillfully managed and should be more gradual and constant than the elementary pressure.

All expressions indicative of anguish should be regarded by the novice (for whom these lines are penned) as hypocritical, and so far from inducing the hugger to diminish the pressure, should incite him to put the indicator up another notch beyond and over all former competitors. In like manner all red flag and other danger signals, regarding the arrival of a third party should be thoroughly investigated before receiving the careful attention the genuine appearance of a parent or guardian might ensure. This may be done by a dexterous glance over the shoulder care being taken that no diminution in pressure along the lines occurs while such investigation has the field. Should the signals be unreliable or without foundation, the deceit should be punished by two or three pounds extra pressure, managed so that no personal adornments of the huggee suffers permanently. Near relations should be embraced, never hugged.

The embrace is merely a partial contraction of the muscular arm-power, without special attention to any objective point of attack. Exceptions to this rule occur in cases of pretty aunts, young step mothers even, and some other members of well-regulated households.

But these instances should be rare, and accompanied by great prudence, especially if the old man's purse is the source of the embracer's revenue. But no general rules for distinction can be laid down, but all exceptions should be discreet and dictated by motives which convenience and custom alone can dictate.

OH, FOR A MAN!

Oh, for a man! the clear voice sang,
And through the church the echo ran.
Oh, for a man! she sang again—
How could such sweetness plead in vain?

The bad boys grinned across the aisles,
The deacon's frowns were changed to smiles;
The singer's cheek turned deepest pink
At bass and tenor's wicked wink.

The girls that bore the alto part
Then took the strain with all their heart:
Oh, for a man, a man, a man—
And then the full voiced choir began

To sing with all their might and main
The finis to the girl's refrain:
Oh, for a mansion in the skies,
A man—a mansion in the skies.

M. C. H.

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CONVENTION OF COLLEGE EDITORS.

THE first annual convention of the New England Collegiate Press Association was held at Young's Hotel, Boston, on Tuesday afternoon. Fourteen colleges were represented and there were thirty-two delegates present. Following is a list of the papers and the delegates who represented them: *Amherst Student*, Messrs. Bullsley, Harper and Palmer; *Bates Student*, Mr. Woodrow; *Bowdoin Orient*, Mr. Choate; *Boston University Beacon*, Mr. Wilde and Mr. Kimball; *Dartmouth*, Mr. Urquhart; *Dartmouth Literary*, Mr. Quint and Mr. Simpson; *Harvard Advocate*, Mr. Mitchell; *Maine State College CADET*, Mr. Lazell; *Tuftonian*, Messrs. Melcher, Maulsby, Edgerly, Trush, and Fairbanks; *Tech*, Messrs. Warren, Sprague, Peters, Maumam, Dearborn; *Worcester Wt. I*, Mr. Tucker and Mr. Burke; *Wesleyan Argus*, Mr. Breed; *Williams' Fortnightly*, Messrs. Abbott and Holden; *William's Literary*, Messrs. Baxter, Cravens and Livingston; *Yale Courant*, Mr. May; *Yale Literary*, Mr. Gates; *Yale News*, Mr. Hetcham.

Mr. D. L. Maulsby of the *Tuftonian*, was made temporary chairman; a committee of five, consisting of Messrs. Abbott, Choate, Gates, Simpson and Melcher was appointed by the chair to draw up a constitution. Mr. Breed, of Wesleyan, was appointed temporary Secretary, and Mr. Bullsley of Amherst, Toast-master for the Banquet. The committee reported a constitution, which was adopted after a few slight changes. Meetings are to be held annually, and every college paper published in New England is entitled to send delegates, each paper having one vote. The objects are to be the advancement of college journalism, and social intercourse between the editors. The following officers were elected for the coming year: President, Mr. Hetcham of the *Yale News*. Vice Presidents, Messrs. Choate, Urquhart, Melcher; corresponding Secretary and Treasurer, Mr. Edgerly; Recording Secretary, Mr. Warren; Executive Committee, Messrs. Abbott, Wilde, Cravens and Maulsby. After this a recess was taken till 7 P. M. when the delegates sat down to supper. Mr. Bullsley, Toast-master, performed his duties gracefully. The toasts were very happily responded to, and in-

terspersed with college songs in the true style, and some interesting solos by Messrs. Abbott, Mauvan, Fay and Sprague. At a late hour the convention adjourned till Oct. 7, 1887, at Young's Hotel, Boston. The best of good fellowship prevailed, and success in promoting the cause of college journalism seems assured.

CAMPUS.

Skees!!!

Toboggans!!!

Prof. Webb!!

90—quantity not quality.

“You're looking first rate, Mr. President.”

The Seniors begin Mineralogy about the first of March.

A. W. Sargent, '88, has decided not to return to college.

Brick '88, has returned bringing another new Freshman with him.

Is any one at liberty to say why “Johnnie” is so sleepy Mondays?

Pres. Fernald has been invited to deliver a lecture in the Kingman course.

Feb. 22 was observed as a legal holiday this year by *consent of the Faculty*.

It has been decided that the Senior Civils will not take Zoology this term.

Bird '90 has been compelled to leave for a short time on account of trouble with his eyes.

The only students who have not returned from teaching are Marsh, Miller and Campbell, all of '88.

The Freshmen took their examination in Book-keeping Feb. 28. Botany will be taken in its stead.

Instructor Hart has the Juniors in Calculus, Sophomore Civils in drawing, and the Freshmen in Algebra.

Prof. Harvey delivered a lecture on “The Formation of Coal,” during his vacation visit at Pittston, Pa.

Miss Clara Rogers, formerly of '89, is visiting friends in Stillwater, and has also made several visits at the college.

President Fernald has been called to Augusta several times, on business relating to the Legislative Appropriation.

Recitations in Infantry Tactics, under Lieut. Phillips began the second week of the term for the Juniors and Sophomores.

Webb '87 has the Sophomore Engineers in Descriptive Geometry, and will have charge of Shop work when it commences.

In spite of the "far famed" "Colby gas," their quartette couldn't supply enough to light the Town Hall Thursday evening.

The College Orchestra, under the leadership of C. L. Howes, is doing some good work this term, and bids fair to beat its past record.

The College Appropriation Bill has passed both branches of the Legislature, to the amount of thirty-four thousand six hundred dollars.

During vacation some alterations have been made in the Beta Theta Pi house, giving the students who occupy it better accommodations.

How much longer are we going to cling to that ancient custom of compulsory church attendance? It looks as though it was *most* time for a change.

Owing to the sudden changes in the weather of late, colds are unusually prevalent. Quite a number of the boys have been made sick on account of them.

The Universalist Society held a Coffee Party and Dance at the Town Hall, Friday evening, Mar. 4. It was pronounced a good time, and was well attended by the boys.

The Hatch Bill has been signed by the President, one of the provisions of which is that the Experiment Station will get fifteen thousand dollars from the general government.

The class of '89 was entertained by one of their class-mates, Miss Nellie Reed, at her home in Stillwater, Thursday eve, Feb. 24. All who were present pronounced it a complete success.

At the meeting of the New England College Editors held in Boston, Feb. 22, for the purpose of effecting a permanent organization, the CADET was represented by Lazell '87.

B. J. Allen, '86, Principal of Hampden Academy, is taking post-graduate work here. He is an able teacher, and Hampden Academy owes much of its present popularity to his exertions.

Isn't the college getting a little hard up when it can't afford to put the lady's parlor in presentable shape, and in order to have it look decent the young ladies who occupy it have to do the repairs?

Student in Geology, (pointing to a plaster cast) What kind of a bug is that Prof.?

Prof. That is a cast.

Student. Where did it grow?

Applause by the class.

Reading Room officers for this term are A. R. Saunders '87, President; J. R. Boardman '88, Vice President; S. E. Rogers '88, Secretary; A. J. Coffin '89, Treasurer and Collector; T. J. Lord '88, C. G. Cushman '89, Fred Stevens '89, Executive Committee.

Some of the students have constructed what they call a "Toboggan slide" from one of the buildings across the campus to the river. But owing to the plan of construction, it is more amusement for those who look on than for those who do the sliding.

Under the auspices of the Orono Chapter, a catalogue of the Q. T. V. Society has been issued. It gives the names, residence and occupation, as far as known, of each member. It is published by the Industrial Journal Publishing Co., the work being done in a very neat and attractive manner.

We give below the names of the new students as far as can be ascertained:—John Bird 2nd, '90, Rockland, A. Hastings '90, Rockland, Robert Packard '90, Rockland, W. E. Croxford '90, Jackson, G. P. Gould '90, Stillwater, M. E. White '89, Ashland, L. A. Tirrill '90, Holden, J. P. Norton '90, York, Me., Fred Quincy '90, Masardis, and E. H. Turnbull takes a special course in Agriculture.

At a following J. Coffin Mathews Collector Freeman John Re

During received model for motions. Thesis of entirely f able piece headed m

The s England was held auspices M. S. C Maine St moment Lazell '87 filled Bo

The o mischief s to apply t comes to of such happen h simply fo to a two school co year old.

The s citizens of cert to l Thursday however, Hall brok given up. part of th quartette n pleasing n is always after by th it caused t were sure

At a meeting of the class of '89, Feb. 21, the following officers were elected:—President, A. J. Coffin; Vice President, Miss Maude Mathews; Sec. and Treas., G. S. Vickery; Collector, Geo. M. Gay; B. B. Manager, G. G. Freeman; Ex. Committee, C. G. Cushman, John Reed, Miss Nellie W. Reed.

During the vacation the Mechanical Dep't has received a valuable addition in the shape of a model for illustrating various Link and Valve motions. This model was the subject of the Thesis of L. G. Paine '85, and was constructed entirely from his drawings. It is a commendable piece of work and will be a boon for thick-headed mechanics. (Juniors.)

The seventh annual "dorg" of The New England Chapters of Beta Theta Pi Fraternity, was held at Young's Hotel Feb. 25, under the auspices of the Boston Chapter. Boardman M. S. C. '88 was elected to represent the Maine State College Chapter, but at the last moment found that he was unable to attend. Lazell '87, who was in Boston at the time, filled Boardman's place.

The old saying that "Satan finds some mischief still for idle hands to do," would seem to apply to our State Law Makers, for when it comes to taking into their hands the punishment of such simple cases of hazing as sometimes happen here, it looks as though they did it simply for amusement. One might compare it to a two hundred pound teacher calling on a school committee to assist in managing a four year old.

The students generally and many of the citizens of Orono, had planned to hear the concert to be given by the Colby Quartette on Thursday evening, Feb. 17. Unfortunately however, the machine furnishing gas for the Hall broke down and the concert had to be given up. Mr. Chase invited the quartette and part of the audience to his house where the quartette rendered a few college songs in a very pleasing manner. This gas machine at the Hall is always giving trouble, and should be looked after by the town authorities. In this instance it caused the Colby boys quite a loss, for they were sure of a good house.

PERSONALS.

'72.

Geo. C. Hammond, C. E., holds a responsible and lucrative position at the Portsmouth Navy Yard. Mr. Hammond stands very high as an engineer, having held some very important positions in New York and Pa.

'73.

H. B. Thayer, who until within three years has been in business in Monson, is engaged in the Drug business in Presque Isle, Me., where he is one of the leading business men.

'75.

S. W. Bates is a solicitor of patents, and civil engineer at Portland Me.

'76

Vetal Cyr is Principal of the Madawaska Training School at Ft. Kent, Me. He has built up a large school, and ranks *high* as an instructor.

H. M. Esterbrooke, who is an instructor at the Gorham Normal School, is considered one of the finest teachers in the State.

N. H. Martin continues to teach the Ft. Fairfield High School, which he has taught for several years with great success.

E. C. Shaw is head draughtsman for Brown and Shaw, Providence. R. I.

'77.

A. D. Blackington, C. E., is holding a responsible position as resident engineer on the Erie and Wyoming Valley Railroad, with head-quarters at Dunmore, Pa.

'79.

William U. Titus, who has been practicing law in Woburn, Mass., for the past two years, is meeting with excellent success.

'81.

H. W. Brown has removed his studio from Damariscotta to Boothbay.

'82.

E. C. Webster has gone South for the winter.

'84.

G. H. Allen will soon begin a course of law at the Albany Law School.

'85.

J. N. Hart has resigned his position as Principal of the Machias Grammar School and accepted a position as instructor of mathematics at the M. S. C. where he is meeting with marked success.

'86.

J. M. Ayer visited the college a few days ago.

G. G. Barker is draughting for the McCormick Reaper Works at Chicago, Ill.

E. D. Graves is spending the winter at his home in Orono.

R. K. Jones is taking a post-graduate course here.

E. E. Lenfest is at present at home in Bradley. He has just completed a very successful term of school in Orrington.

E. E. Merritt is draughting for the McCormick Reaper Works, at Chicago, Ill.

C. A. Sears has returned to college, and will graduate with '87.

'87.

I. M. Clark, whom we are sorry to lose from the Senior class, has accepted a position as draughtsman in the office of the B. & M. R. R. at Lincoln, Neb.

'89.

E. R. Haggett is engaged in the grocery business at Boothbay, Me.

EXCHANGES.

As we glance through our Exchanges, our attention is drawn to the fact that many of them, especially those from western institutions, are continually presenting the plea for a new gymnasium, or for better and more extensive facilities for physical advancement. This, no doubt, results from the natural preference of youth for physical rather than mental exercise. But this preference has its good points. If it is moderately indulged, as everything worth doing should be so indulged, will not the *mental* exercise be all the easier for it? These continual pleas for better accommodation for physical culture, propagated through the instrumentality of the *life* of a college, its periodical, are a sure sign of the never ceasing progress of our institutions of learning.

It is with pleasure that we again scan the columns of our never failing friend, the *Oberlin Review*. Its editorials are energetic and interesting, and its literary department as extensive and praiseworthy as ever. We were especially attracted by the article in reference to compulsory attendance at chapel services. We consider that the facts of the case are about as there stated, and that the sooner it becomes generally recognized that compulsion exercised on the youth in our colleges, in regard to religious matters, is both useless and wrong, the better.

The *Lehigh Burr* is at hand. A good deal of its space is devoted to an account of various foot-ball games, and judging from this account Lehigh must merit a good deal of distinction in that direction. Most of our Exchanges are overflowing with just such accounts, but we have no desire to see the same in our columns. The college boys of Maine, as a rule, don't approve of foot-ball, and we think it just as well for them that they don't. Almost every description of a game has its attendant account of the injuring of one of the participants, generally serious, frequently permanent, and sometimes mortal.

The *Rockford Seminary Magazine* is indeed worthy of praise. The literary department is creditable, and quite extensive; in the editorials much sound advice is given to the students, a good deal of which would be equally applicable to we of the sterner sex. Our attention is drawn to the department of "Home Happenings;" to anyone it is well worth the reading, and must be doubly interesting to those in whose presence the various occurrences incidental to a female seminary are so ably and graphically described.

The University of New Brunswick has adopted the plan of Co-operative College Government. A Board of three Seniors, two Juniors, one Sophomore, and one Freshman is chosen by the students, and is given the authority to punish the perpetrators of any misdemeanors occurring in the college, that it shall be able to discover. If this Board, or Council of students is no more successful in discovering said misdemeanors than it has proved elsewhere, we are afraid that many a Blue Nose Soph. will go unpunished.

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We have received a sample of the first issue of the *Mezzophantian*, published by the young ladies of the Mezzophantian Literary Society, of the Centenary Female College, Cleveland, Tenn. The saying is, we believe, that "a good beginning makes a bad ending;" if this is so, we fear that the course of our new friend will end in disaster, for surely it has entered upon its career in a state of much excellence. The salutatory, introducing, as it were, the *Mezzophantian*, to the great brotherhood, or sisterhood of college journals, accomplishes its purpose admirably; the various departments are well sustained, and those of Art and Music, being a novelty in college literature, are doubly interesting. We will be glad to exchange.

We notice that our neighbor from Lewiston has cast its old cover, as does a snake its skin (no reflections on the character of the *Student* intended,) and appeared in a new, and to our eyes, far prettier livery. Its editorials are admirable, and all its departments are as ably conducted as ever, but there is one thing that we think deserves criticism; and that is the intermingling of advertisements with the matter of some of the minor departments.

OTHER COLLEGES.

Five colleges have been established in Dakota during the past year.

In point of numbers, Oberlin ranks second in the United States, being surpassed only by Harvard.

Wabash College of Ind. still holds the State Championship in foot-ball, which she has held for the past two years.

Dr. William Greenleaf Elliot, President of Washington University, St. Louis, died at Christian, Mississippi, aged 75.

The classical Juniors of a western college have sent in the sensible plea for more German and Chemistry, and no Latin.

From a provincial theological training-school in 1636, living on a colonial grant of four hundred pounds, Harvard has become in 1886 a many-sided university, expending the annual income of five millions of dollars.

In the United States the Episcopalians have twelve colleges; the Methodists, fifty-two; the Baptists, forty-six; the Presbyterians, forty-one; the Congregationalists, twenty-eight.

The most heavily endowed educational institutions in the United States are: Girard College \$10,000,000; Columbia, \$5,000,000; Johns Hopkins University, \$4,000,000; Harvard University, \$3,000,000; Princeton, \$2,500,000; Lehigh, \$1,800,000; Cornell, \$1,400,000.

Miss Alice Freeman, President of Wellesley, is a glorious example of what a woman may become. Small and slight and handsome, only twenty-nine years old, she has mastered several languages, is learned in all the sciences, and has won the right to stand beside the greatest, as president of a college.—*Ottawa Campus*.

The council of the University of the city of New York, has chosen Mr. Charles Byther to fill the office of president, made vacant by the resignation of Mr. John Taylor Johnston, on account of ill health. The University has this year a total of 800 students, 70 in the law school, 600 in the medical school, and 130 in the college proper.

Vigorous efforts are being made to raise \$100,000 for college buildings at Poonah, India. The present school was opened in 1878, and is under the control of the South India Methodist Conference. It has no property and has to pay heavy rents, and work in unsuitable buildings. Its present grade does not meet the want of the work. The plan is to add to the present preparatory school, a collegiate department, teaching a full course of literature, a theological or missionary training school, and a moral school.

—*Ex.*

The result of making chapel attendance at Harvard non-compulsory is stated by the following. The chapel services are more interesting, and more inspiring than they ever were, for now no student attends who does not go from choice. The average attendance is between 400 and 450, as against about 600 under the compulsory system, but the gain in force and spirituality is enormous. Prof. Tyon assures us that so far the predictions of the conservative party, which opposed the change, remain unfulfilled, and he firmly believes that they will remain so.

BITS OF NEWS.

Senator Frye and wife are to sail for Europe on March 12.

Yale refuses to withdraw from the present Intercollegiate Base Ball League.

The Harvard Club partook of its twenty-first annual dinner in New York, Feb. 21.

It is probable that Speaker Carlisle will succeed Mr. Manning as Secretary of the Treasury.

Lieutenant Greely of Arctic fame is appointed to succeed the late General Hazen as "Old Prob."

The President vetoed the bill appropriating \$10,000 for the distribution of seeds to the drought-stricken counties of Texas.

The Governor of Kansas has approved the bill, thus making it a law, conferring municipal suffrage among women.

The Lynchburg (Va.) *Virginian*, one of the oldest papers in the State, established in 1808, announces the suspension of publication.

The Ohio Legislature has passed a bill repealing the black laws and the statutes providing for separate schools for colored children.

Boston Corbett, famous as the slayer of John Wilkes Booth, now a resident of Topeka, Kan., has become insane and been committed to an asylum.

General Sheridan gives it as his opinion that we should first turn our attention to manufacturing heavy ordnance before strengthening the seacoast defenses.

It is said that at the very least \$5,000,000 of Samuel J. Tilden's property will be devoted to a public library for New York city, and possibly double that amount. His gift was probably the largest ever made by any one man for a public institution.

The American Newspaper Publishers' Association was organized at Rochester, N. Y., Feb. 18, and the following officers were elected:

President, William M. Singerly of the Philadelphia *Record*; Vice President, Col. W. W. Clapp of the Boston *Journal*; Secretary, W. H. Bearley of the Detroit *News*; Treasurer, W. C. Bryant of the Brooklyn *Times*. The following Executive Committee were chosen: J. A. Butler of the Buffalo *News*, W. J. Richards of the Indianapolis *News*, C. H. Jones of the Jacksonville, Fla., *Times-Union*, E. W. Call of the Boston *Herald*, and S. K. Kaufman of the Washington *Star*. The Association will meet annually on the second Wednesday in February.

THOUGHTS OF GREAT MINDS.

If we think, we must act.—*Desmaleis*.

Sin is not so sinful as hypocrisy.—*Mme. de Maintenon*.

Of all ruins the ruin of man is the saddest to contemplate.—*T. Gautier*.

Every man holds in his hand a stone to throw at us in adversity.—*Mme. Bachi*.

Much of our waking experiences is but a dream in the daylight.—*George Eliot*.

The best way to gain a good reputation is to endeavor to be what you desire to appear.
—*Socrates*.

Character is higher than intellect. A great soul will be strong to live as well as strong to think.—*Emerson*.

Money and property are a costly knife; but do not use it to hurt, but to distribute bread.—*From the Arabic*.

Do not think it wasted time to submit yourself to any influence which may bring upon you any noble feeling.—*Ruskin*.

A good man will see his duty with only a moderate share of casuistical skill, but into a perverse heart this sort of wisdom enters not.
—*E. D. Baker*.

Teach self-denial and make its practice pleasurable, and you create for the world a destiny more sublime than ever issued from the brain of the wildest dreamer.—*Sir Walter Scott*.

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Everything that is called fashion and courtesy humbles itself before the cause and fountain of honor, creator of titles and dignities, namely, the heart of love. This is the royal blood, this the fire which in all countries and contingencies will work after its kind, and conquer and expand all that approaches it.—*Emerson*.

There are few souls who are so vigorously organized as to be able to maintain themselves in the calm of a strong resolve; all honest consciences are capable of the generosity of a day, but almost all succumb the next morning under the effort of the sacrifice.—*George Sand*.

SCIENTIFIC AND ENGINEERING SCRAPS.

A general eruption is feared in that section of the Yellowstone Park called "Hell's Half Acre." The Excelsior Geyser is disturbed, with indications that it will soon be in action.

To find the Specific Gravity of a Substance :
 $W = \text{weight of body in air}$; $w = \text{weight of body in water}$, $\text{Specific gravity} = W \div W - w$
 If the substance be lighter than the water, sink it by means of a heavier substance, and deduct the weight of the heavier substance.

What must be considered the heaviest gun at present in existence has just been shipped at Antwerp for Italy. It was manufactured by Krupp, is 46 feet long, weighs nearly 116 tons without the breach piece, and 118 tons $3\frac{1}{4}$ cwt. with the breach.

Wind pressure is generally supposed to increase as the square of the velocity when the opposing surface is at right angles to the direction of the wind, and in such cases Smeaton's rule is to divide the square of the velocity in miles per hour by 200; the quotient is the pressure in pounds per square foot.

William Cramp & Sons, of Philadelphia, have made arrangements to construct for the Government a dynamite gun cruiser which will be capable of making twenty knots an hour, and of firing a 200-pound dynamite shell every two minutes. The vessel is to cost not more than \$350,000.

Sugar in its coarse state, called "goor," has been used in India from time immemorial as an ingredient in mortar. Masonry cemented with this mortar has been known to defy every effort of pick and shovel, and to yield only to blasting when it has been found necessary to remove old puckah buildings.

H A S H.

WHEN WINTER WINDS BLOW.

Press me closer, all mine own,
 Warms my heart for thee alone,
 Every sense responsive thrills,
 Each caress my being fills;
 Rest and peace in vain I crave,
 In ecstasy I live, thy slave;
 Dowered with hope, with promise blest,
 Thou dost reign upon my breast;
 Closer still, for I am thine,
 Burns my heart, for thou art mine;
 Thou the message, I the wire,
 I the furnace, thou the fire,
 I the servant, thou the master,
 Burning, red-hot, *mustard plaster*.

—*Burdette*.

It is said Miles Standish will soon have a statue on Boston Common. This should warn all coming generations of the "Hub" to do no courting by proxy.

A cunning young man, unmarried, attended a wedding in Aroostook county the other evening, and after the ceremony was over, he suggested to a young lady present that he and she sing, "More to Follow." The young lady, however, said she preferred to sing, "Just as I am." The young man was quiet the remainder of the evening.

Urgent Suitor: "I shall love you as long as I live." Young lady: "That will not suffice. I want some one to love me as long as I live."

One of the Senior Mechanicals was heard to say that he should take for a Thesis "A Design for an improved *State Legislature*, with a patent expansion valve." He thinks the Automatic Cutt off Legislature has a bad effect on the College.

A favorite song with Adam was *Eve and me*.
 —*Whitehall Times*.

THE AMERICAN WOMAN.

She came from Boston,
And like a frosting
Is the polish that she puts on every part.
She reads in Cuesah
And truly she's A
Cultivated maid in every modern art,

She's up in nowness,
And with a howness
Surely wonderful for one who's in her teens.
She reads in Schiller,
And what a filler
She is when she hits a plate of Boston beans.

"Heaven lies about us in our infancy," says Wordsworth. Yes, and the newspapers lie about us when we get old enough to run for office.

The man who never smelt powder is the man who never held his nose close to a woman's cheek.

Women jump at conclusions and generally hit it. Men reason things out logically and generally miss it.—*Ex.*

Government proposes to announce the coming of storms by firing a cannon. A good idea, but load the cannon with a weather prophet.

HE DIDN'T BLAME THEM.

The new baby had proved itself the possessor of extraordinary vocal powers, and had exercised them much to Johnny's annoyance.

One day he said to his mother:

"Ma, little brother came from heaven, didn't he?"

"Yes, dear."

"Say, ma."

"What is it Johnny?"

"I don't blame the angels for bouncing him, do you?"

Here is a good Irish story. We fancy it has not been in print before. A pair of "victims" are waiting behind a hedge for their landlord—guns loaded, cocked and ready for action. It is past the time at which he was expected to go by. Still they wait and wait, until at last become uneasy. "Bedad, Pat," says Tim, "I hope nothin' has happened to the poor ould jintleman!"—*Whitehall Review.*

A COMPREHENSIVE VERDICT.

The first coroner's verdict on record in York, Me., reads as follows: "We find that the deceased fell from masthead and was killed; he rolled overboard and was drowned, he floated ashore and froze to death, and the rats eat him up alive.—*Biddeford Times.*

A girl in a moment of pique
Gave her lover a slap on the chique,
Not a word did he say,
But he left her that day,
And didn't go back for a wique.

—*Lewiston [Me.] Journal.*

The Wrong Diagnosis.—"Papa," she said softly and blushing, "young Mr. Sampson is in the parlor and wishes to speak with you." Then she sank into an easy chair, and her heart beat so fiercely that it made the gas fixtures rattle.

Presently the old man returned.

"Oh, papa," she said, "did he—was he—what did he want?"

"He wanted to borrow two cents to get over to Brooklyn with," said the disappointed old gentleman.—*N. Y. Sun.*

"I hope, Johnnie," said the Sunday school teacher to her new scholar, "that your father and mother are good christians." "Well, ma is," replied Johnnie, "an' pa used to be, but I guess he is a little out of practice now."—*Life.*

A WISE RESOLUTION.

A young lady went tobogganning,
They picked her up for dead.
She says that next time she will wear
A bustle on her head.—*Dansville Breeze.*

DON'T BE TOO SURE.

Mr. Minks—"Seems to me that new girl is a very good one, isn't she?"

Mrs. Minks—"She is a perfect treasure. I can't imagine how I ever existed before she came, and I'll never let her go, never; but the beauty of it is she is just as well satisfied as I am, and I know she'll never even think of leaving."

"Don't be too sure about that. She may take a notion to get married some fine day."

"No danger; she's been married once."

—*Omaha World.*

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"My dear," he whispered softly, as they seated themselves on the toboggan, "if on the way down, I should ask you to be my wife, what would you say?"

"What would you do if I should refuse?" she whispered.

"I should have to let you slide," he simply said.—*Harper's Bazar*.

"It strikes me," said a city and county hall man yesterday, "that we do not want any war with Canada. When we were drafted in 1861-4 we knew where to go, but in case of trouble with Canada where could we go?"—*Buffalo Courier*.

"Fanny dear," said a bashful lover to the six-year-old niece of the goddess he would fain propose to, "will you give me your aunt? I'll give you a doll for her?"

"Oh, yes," said the little one, clapping her hands in glee, "but hadn't you better give me two and take two of them?"

The little fairy's answer overcame all restraint, and the happy day is fixed. Somehow Fanny is more spoiled than ever.—*New Haven Register*.

"Where is the ideal wife?" asks a prominent lecturer. In the cellar splitting kindling, most likely.—*Philadelphia Call*.

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