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The Cadet December 1890

The Cadet Staff

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THE CADET.

VOL. V.

ORONO, MAINE, DECEMBER, 1890.

No. 9.

The Cadet.

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

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Editor-in-Chief.

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Associate Editor.

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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.

Unfortunately it seems to be the opinion of many influential farmers in this State and even among the members of the board of trustees, that the small attendance in the Agricultural course is due to some deficiency in the equipment of the department, or lack of interest in the instruction. Nothing could be farther from the facts of the case. The course in Agriculture at the M. S. C. offers more inducements, both pecuniary and educational, to the student than any other taught here. If the men entering this college will not take this course, it is not in the power of the Faculty to make them, and the blame of the small number of agriculturalists graduated, cannot be placed on them. If some of these men would offer suggestions in regard to making the course more popular with the students we have no doubt that they would be gladly received.

There is probably not a student here now, or one who has ever been connected with this college who would willingly and deliberately misrepresent it to the people of the State; yet much has appeared in the papers as representative of the true state of affairs, here that could not be substantiated by facts. If you must find a mark for your wit or your malice, take something, or someone else; always remember that in every misrepresentation there is a hurt, in every word spoken in haste or spite there is a sting for your college. Every time one of her sons deviates from the truth, even for the sake of a clever newspaper article,

she receives injury that may take years to remedy. One would be depraved indeed who would strive to besmear the fair fame of his college; yet that is what every idly spoken word, every malicious newspaper article, every untrue statement does to this institution. We advise you never to do anything you can look back on with regret. Use your talents to promote the best interests of your chosen college. Never, out of respect to your friends or yourself use your tongue or your pen to the detriment of your *alma mater*.

It is undoubtedly a fact that the majority of students at the M. S. C. are not in favor of hazing, and if given an opportunity would stamp it out. The spirit in this respect is indicative of progression and will sooner or later be felt. It is very difficult to make the student look at the matter from the professor's side or the professor look at it with the student's eye. This question of discipline has always been one of the most difficult to settle, in fact, it never can be settled until some closer and more confidential relation exist between the professors and the students—the governors and the governed. If a just and equitable system of laws were to be established in which both parties would make concessions and from which both would reap benefits, the desired improvement would invariably come. The college senate system, as practised at many institutions, seems to have accomplished the best results in settling the difficulties which are sure to arise. As the primary object in such a body is to have all parties represented, the scheme as proposed by a well known college journal, to have the body consist of three members of the Faculty, two members from each of the two upper classes and one each from the two lower is a very good one. The matter of discipline is only one of the functions of this body, which is advisory in all matters of college organization in which the students should have a voice. As this organization would be only an advisory body it does not seem likely that any great harm could be done, and as it has been tried and proven successful in other institutions there is no reason why it will not prove a success here. The

students would see the benefit to themselves by such a move and probably give it their heartiest support.

CHRISTMAS is with us once again! "Merry Christmas," how the words ring with a thousand crowding memories! If sad ones come let us chase them away, or subdue their bitterness by the good company of cheerful spirits which we summon around them. The festival of the coming of our Saviour is the fitting season for rest and glad thanksgiving. For upwards of eighteen hundred years a band of brethren have thought it so; a band once small indeed, taught by a few humbly-born but inspired men whose teachings loosened the springs that shall renovate humanity; a little band hiding in desert places in the days of pagan power and wrath; yet ever true to their saving creed when the hour of trial came. But better times were at hand; crowned heads, sovereign powers, the nobly-born and naturally-gifted were among the next converts; and gracious women swayed their rough lords, inclining them to listen, till poetry and legend took up the tale and canonized their names.

There has ever been associated with Christmas a host of gentle charities and kindly feelings. The poor relation and the humble friend find reserved seats at the well spread board; old friends meet, and while they count over past years, add another bead to memory's rosary; servants receive their well deserved gratuity; superiors are honored, and dependants cheered, and it is hard if the very stranger be not greeted as a friend.

The Yule or Christmas feast is, in fact, the feast of the winter solstice (from which the commencement of the year was dated) common to all Northern nations, and observed ever since the introduction of Christianity. Evergreens were hung in the houses and churches as the emblems of joy and peace. Barons feasted the whole surrounding country. Herick has left to us in his rhymes a lively notion of Christmas eve in his days:

Come bring with a noise,
My merry, merry boys,
The Christmas log to the firing;
While my good dame, she
Bids ye all be free,
And drink to your heart's desiring.

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With the last year's brand,
 Light the new block, and
 For good success in his spending,
 On your psalteries play.
 That sweet luck may
 Come while the log is tending.

What a picture these lines present to us, if we but follow the images they represent; the laughing, boisterous group, hauling to the wide hearth the mighty block, and raising it upon the massive andirons. We can see the smiling face of the good old dame, on hospitable cares intent, and yet not so much so as to forget the remnant of last year's brand, which, according to the formula, was only to be burnt in the next year's yule fire; and then the filling of drinking-horns, the interchange of good wishes, the feasting on good cheer, and, while the Christmas log hisses and roars in the capacious chimney a chorus to their mirth, the pouring forth of such rude minstrelsy and merry songs as best befitted the season and the singers. The Christmas tree and evergreen of our present times remind us of the beautiful superstition of druidical times, when the people were in the habit of dressing their houses with green boughs on the first of December, in order that the sylvan spirits might repair to them, and remain unnipped by the frosts and cold winds till the return of spring renewed the foliage of their beloved abodes. We knew that the Christmas boughs of our own times have gentle influences, that around the Christmas fire, the world worn links of kindred and affection are reformed, old covenants renewed and friendships strengthened, and could almost deem this sheltering of the sylvan spirits of the past a type of the kindly gatherings and generous feelings kept alive by this garlanding of our household hearths in the present. May it long be continued among us, for these old world usages are the pictorial embellishments of life's book, and have in them a world of refining influence.

It is not merely Christmas in a single state or nation; it is the grand festival of Christendom. The sound of the Christmas bells echo from the remote east to the far west; from the wildernesses of Asia to the prairies of America. It travels over mountain chains, through unknown woods, and across boundless seas. From land to land the glad sound is taken up,

and as it dies in one country it rises in the next and is carried westward with the sun. The merry bells of Christmas circle the earth and their brazen welcome is the universal language of the season. The traveller in the remotest parts of the earth is reminded then, of the old Christmas at home, of the family meetings from which they are so far removed, and their hearts are stirred by old loves, old feelings, old memories, sad yet sweet to think of.

Not the least joy of Christmas is that it keeps alive among us the sacred memories of the past. We are transported to Bethlehem and hear the song which was sung by the angels to the shepherds keeping watch over their flocks by night. Dim centuries stretch between that epoch and this, yet the song of the angels still resounds among men. It continues to echo the "tidings of great joy to all mankind." With thankfulness and joy, therefore, we hail our Christmas time, which reminds us of our great privileges, and of our high destiny.

TWO PICTURES.

There came to my ears the story
 Of one who had loved me long—
 Of one who had caught the rapture
 Out of my childish song;

And set in a costly framework,
 A framework of gems and gold,
 Was pictured a face as princely
 As those of the knights of old;

But I turned me away sad sighing,
 Unheeding the gift of art,
 And gazed on a sweet face pictured
 Down in my inmost heart.

And yet, from the shining framework
 Was mirrored a forehead high,
 And all of the depth of midnight
 Shone in the eagle eye.

Yet I thought of a brow more lovely,
 A brow that my hand had pressed,
 And remembered my head had rested
 Down on a heaving breast.

I thought of the lips that murmured
 Sweet as the low winds sigh,
 And I felt that a purer meaning,
 Dwelt in that milder eye.

I thought of the dark brown tresses
 I had parted away so oft,
 And I knew in my soul none other
 Were ever so silken and soft.
 So, I laid down the gold cased picture,
 And bade it for ever depart,
 When, a thousand times sweeter than ever,
 Looked up the dear face in my heart.

NORTHERN LIGHTS.

THE appearance of these meteoric lights is most frequent and brilliant during the winter solstice. There is often seen in the north, near the horizon, usually a short time after sunset, a dark segment of a circle, surrounded by a brilliant arch of white or fiery light, which is often separated into several concentric arches leaving dark segments visible between them. From these arches and even from the dark segment itself, in high latitudes, columns of flame shoot toward the zenith, and sometimes masses like sheaves of light are scattered in all directions.

These are the northern lights, called by the Laplanders "*Merrie dancers*," and are regarded there as the attendants of clear nights; while in Norway and Siberia they greatly enliven the beauty of the snowy landscape. They often appear at twilight near the horizon; of a dun color approaching to yellow, sometimes continuing in this state for several hours, without any visible motion, then they spread out into streams of stronger light, stretching into columns and altering into a thousand different shapes and shades of color. They often cover the entire celestial hemisphere, making the most splendid appearance, but we in our middle latitude who see only the extremities of this beautiful polar phenomenon, can have but a faint idea of the grandeur or its motions.

The cause of this magnificent display is supposed to be the passage of electricity through the upper and highly rarefied regions of the polar atmosphere. Its appearance in fact resembles exactly the effects of artificial electricity when passed through rarefied air. There is the same variety of color, the same undulating motion, the same intensity, the streamers exhibit the same characteristics in every respect, and when the refraction of the

air is considerable, various parts of the lights assume that glowing color which sometimes marks the atmosphere, and is regarded generally by the unimformed spectator with astonishment and fear.

OBITUARY.

HON. JOHN W. ATWELL.

JOHN W. Atwell, one of the best known and most respected citizens of Orono, died very suddenly, of pneumonia, at his home on the afternoon of November 18. Mr. Atwell was born in Orono, sixty-five years ago and has always resided there, being extensively engaged in lumbering operations. He organized Co. I, First Maine Heavy Artillery, at the outbreak of the war, and was its commander during the entire period. He served two sessions in both branches of the Legislature, and was on the staff of Gov. Perham. While in the Legislature he was one of the most indefatigable workers for, and staunchest friends of, the Maine State College, and, during those days when it most needed the support of an able statistic, he was ever on the alert to further its interests. We are glad to say that he lived to see this protege of his, grow in importance and prosperity from year to year, until it reached its present enviable position. He leaves a wife and three sons to whom we extend our heart-felt sympathy and condolence.

TO MY CHARMER.

If not in the umbra
 She's still a "back number,"
 For each class for years has furnished a beau.
 It causes dejection
 When each retrospection
 Reveals the gay hearts which her wiles have laid low.
 Oh! give us dead roses
 To put to our noses,
 Or let us be back of the times fifty years.
 Or feed us with hash
 Made from yesterday's trash,
 But spare from the snares of these second-hand
 dears.

Violent

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CAMPUS.

Violent wink. "Name, please"?

"We are called upon to act, it is no time for," etc.

Who has the inside track, "Toothpick" or Jimmy?

Bowler '94, has been initiated into the S. I. U. fraternity.

The meeting of the Station council was held here on Oct. 30.

Several of the students left before the close of the term in order to begin their schools.

The Opera House of Bangor has been well patronized by the boys this term.

The Horticultural building is nearly complete, and will be in active operation next term.

"O wad some power the giftie gie," to make the wind blow when the water tank runs dry.

New ornament in our dining room: "*God bless our boarding house.*"

A good example of alliteration: — "Fidd, Focus, and Flunket."

Ask "Zeb" to take your picture by his new instantaneous process.

Jordan, '93, has secured the position of janitor for the experiment station. He will remain here during the winter vacation.

Examinations are over and the periodical grooming of the family Equus has been completed for the term.

Notice in the corridor: — "Five cents reward to anyone who will teach P—and his Freshie a new banjo tune."

On Nov. 5, a number of the members of the Oldtown Y. M. C. A. visited the Association here and added much to the interest of the meeting.

The Profit and Loss system in connection with the annual Military Ball, brought us all out of the same end of the horn as usual.

There is some talk of a change in the vacations of the college year, so that a longer vacation shall be had in the summer, and a shorter one in the winter.

Pres. Fernald is soon to go to Washington on business in connection with the United States appropriation.

A new route has been established between the dining-room and Brick Hall. It is via the corridor, back door, and dining-room window.

Prof. Rogers was forced to be absent from his classes for a week or so. His language classes were attended by Prof. Aubert and Prof. Balentine.

The following class yell has been suggested as very appropriate for freshmen: Rip! Rah! Rah!—Rip! Rah! Ree!—Mama! Mama! Come to me!!!—*Mercury.*

Grover and Owen, '90, were upon the Campus a few days at the last of the term.

At a recent meeting of the Base Ball Association, Rich '92 was chosen President and Manager; Hamlin '93, Vice President; Wilson '93, Secretary, and Clark '91, Treasurer.

As this is the last issue of THE CADET before the holidays we will extend a hearty "Merry Christmas" and "Happy New Year" to all our friends.

The examination in Botany and Zoology occurred on Nov. 6, before Prof. Harvey left for the west. The examination in Machine Designs for the Senior mechanicals took place Friday, Nov. 14.

Although the great poet tells us that "a rose by any other name would smell as sweet" still Blagden objects to having the *l* in his name replaced by an *r* as in the last CADET.

Who has an extra key to the bulletin board? Who is monitor for the Faculty (at chapel,) and who puts on the zeros? Who will be notified when they get twenty? Interesting questions.

The premature Fourth of July celebration which took place at the last literary exercise of the sophomore class was nothing to be proud

of. This literary department of the course should be made as much a part of the education as the technical studies, and these demonstrations are entirely out of place.

Many of the students have been hunting this fall, with only indifferent success. "Willie" has brought down several birds "on the wing," but they say that he is not always obliged to go to the woods to find fine birds with "Wings."

The juniors who were excused from taking the examination in Calculus this term on account of having a rank of 90 per cent. or over, were Clark 2nd, Fernald 1st, and Alexander 1st.

Fernald, '94, is a fine botanist. He has a collection of over eight hundred specimens, and has, during the last summer found about thirty plants which are new to Maine, and one which is entirely new to science. He is preparing an article upon these for publication.

The faculty has appointed the men in the senior class who are to represent the different courses at the next commencement. They are Wallace R. Farrington and Starrett, of the course in Agriculture; William R. Farrington and Hall, of the course in Civil Engineering; Steward and Valentine, of the Mechanical Engineering course, and Clark and Kilbourne represent the Chemical course.

One of our military men is said to have been so annoyed by the clatter of his sword upon the floor when marching, that he contemplated having a small truck fixed to the end of the scabbard. Shortness of stature is no disgrace but is sometimes inconvenient.

Farrington 2nd has assisted Prof. Aubert this term in the laboratory while the noble Sophs have been performing experiments in Chemistry. There have been no dangerous explosions and no spots upon the ceiling mark the remains of members of the class of '93.

An orchestra composed mainly of the alumni of the M. S. C., has been organized in Boston, with, Howes' 88, leader; Andrews, '90, violin, Lincoln, '88, trombone; Jones, '90, flute; Gardiner, cello, and Harding, 1st cornet. We have not yet heard the name of the orchestra,

but judging from the players, it must be a good one.

It is said that a certain member of the Senior class got lost down town awhile ago. He attended two meetings on Sunday evening, and, as this was an entirely new experience for him, he was so overcome by it, that he did not find his way home till early in the morning. Those who followed his tracks say that they meandered off towards Pushaw Pond and then meandered back.

What is the matter with the agreement which the secret societies of the University of Vermont have entered into? viz., not to talk to new men until they have been in college one month. This gives societies a chance to look over the men, and also gives the men a chance to look over the societies. Why can't the same thing be done here?

At the recent meeting of the Penobscot Educational Association held at Bangor on Nov. 15, Mr. Hart presented a paper upon "Written Work." In this he showed the evils of the written examination system, especially when only a single examination is given in a study. He advocated more oral work, and the giving of occasional tests during the term.

The man who had the gall to sell us that "pure" bee's honey "which his brother made in Florida," is a good fisher for suckers, but will not be likely to fish any more on these waters for awhile. The students here think that the honey may have stopped over night in the same yard with a bee-hive, but that the wind was in the wrong direction from it.

There has lately been a brick cistern built at the river from which the water is pumped for the college waterworks, and a small building has been erected over it. The object of this is to prevent the silt from finding its way into the water and thus rendering it unsuitable especially for laboratory work.

Pres. Fernald and Prof. Harvey attended the meeting at Champlain, Ill., as was noticed in the last issue. Pres. Fernald returned Monday, Nov. 17, while Prof. Harvey stopped to visit relatives in the west. The meeting was one of much interest. Matters relating to the

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work of Experiment Stations and Colleges were discussed. Prof. W. H. Jordan of the Station here had a report upon Digestion Experiments in America. Pres. Fernald visited Purdue University at La Fayette, Ind., during his absence and was much pleased with the appearance of the college and of the students there, as he also was with the Illinois State College.

On a certain morning a few weeks ago the faces of the students in chapel presented one broad "comprehensive smile." The cause of this extraordinary occurrence was another extraordinary occurrence, viz: the appearance upon the platform of several members of the Faculty whose attendance there for the past *sometime* has not been such as to render them much service if the 90 per cent. system be applied. It is to be hoped that this good move may continue.

It is a conceded fact that the literary accomplishments of students at scientific institutions are not on a level with those of classical colleges, and there is a tendency among scientific students to look upon literary work as rather effeminate and unworthy of their consideration. It is doubtless this fact which makes it so much harder for us to publish a paper than it is for our sister colleges in the State.

When the trustees were here the Hamlin Hose Co. gave an exhibition of their skill as firemen. The time from the start at Oak Hall until a stream was playing upon the building was about three minutes. A stream was thrown at least thirty feet over the roof of Oak Hall. Mike was on deck as usual and commanded the company in fine style. A fire is now constantly kept under the boiler at the water station so that no delay shall occur in case of fire.

The target practice has undoubtedly proved a great benefit to the members of the battalion. Some very good work has been done, and with a certain amount of practice we could put an excellent team of marksmen into the field. Some such a move would be a very pleasing variation in the fall term's drilling. Following are the best scores made at the different ranges. The ranges were 200, 300, and 500 yard's distance. At the first range, out of a possible

score of 25, ten men obtained 20 or over, as follows:

Lieut. Merrill 1st, 20; Priv. Ricker, 20.
Major Clark 1st, 20, 21, 21; Priv. Whitney, 21.
Priv. Gilbert 20, 22; Priv. Hayes, 21.
Sergt. Maguire 20; Lieut. Menges, 21, 20, 20.
Corp. Steward 2nd, 20; Corp. Jack, 20.

Besides these there were five men who obtained 19, and seven who had a score of 18.

At the 300 yard range, Menges had a score of 20, 20; Clark 2nd, 20, and Gilbert, 18, 21.

At the 500 yard range the best scores were Clark 1st, 16, 19, 16; Steward 1st, 14, 18; Holden, 18; Menges, 13.

But little shooting was done at the later range on account of bad weather, and the lateness of the season.

At the 200 yard range Prof. Balentine has the highest score, 23.

The exhibition drill of the White and Blue Cadets on Nov. 12, under the auspices of the Methodist Society was a great success. The hall was filled with an appreciative audience, and the military was well represented.

The company of White Cadets, composed of young ladies, and under the command of Major Clark of the Coburn Cadets, gave a fine drill, and the Blue Cadets, the picked squad from the college, sustained their well established reputation. The White Cadets presented Major Clark with a fine ring as a token of their appreciation of his services.

FOOT BALL.

M. S. C. '93 vs. B. H. S.

THE Bangor High School eleven came to Orono and defeated the Sophomores in a fairly well played game by a score of 14-0.

The game commenced at two o'clock with the Sophomores on the upper side of the line and in possession of the ball. It was at once brought into the territory of the Sophomores where they lost it on three downs.

Shortly after the B. H. S. got possession of it, Fairbanks, by good dodging and running, secured a touch down from which he kicked a goal. As soon as the ball was again put in play two more touch downs were secured in rapid succession, making the score 14-0 for

B. H. S., where it remained till the end of the game.

Timberlake secured a touch down in the first half which was not allowed on account of off-side play.

As soon as play was commenced in the second half the ball was forced into '93 ground, where it was kept by the High Schools, although they were unable to take it across the line.

Taylor was hurt and Warren took his place. Hamlin, after receiving several injuries, was obliged to leave the field, Randlette finishing the game as half back.

The game was very rough, considerable slugging and kicking being indulged in on both sides, although nobody was disqualified.

Fairbanks played almost the entire game of the Bangors, and Hamlin and Timberlake did the best work for '93. The teams as they lined up were:

B. H. S.		M. S. C., '93.	
Peavey.....	c.	Wilson
Goodenow.....	r. g.	l. g.....	Kimball
Barrows.....	l. g.	r. g.....	Chapman
Nason	r. t.	l. t	Crosby
Dennett.....	l. t.	r. t.....	Steward
Stevens.....	r. e.	l. e.....	Webster
Wheelright.....	l. e.	r. e.....	Ricker
Staples.....	quarter	quarter.....	Hammett
Fairbanks, Capt. }	Halts	Halts... ..	{ Timberlake
Leeman, }			{ Hamlin
			{ Randlette
Taylor, }	Full	Full.....	{ Smith, Capt.
Warren, }			

Referee, Mr. Walter Hunt; umpire, T. W. Burr. Time of game, 1 hour, 15 minutes.

ANNUAL TRUSTEES' MEETING.

THE board of trustees held their annual meeting in Coburn Hall, Thursday, Nov. 7, all the members being in attendance. One of the principal matters for decision was the best way in which to use the yearly fund provided by the recent U. S. appropriation. They created two new professorships on the Faculty of instruction, one of Rhetoric and English Language and Literature, the other of Horticulture.

It was voted to increase the salary of the President of the college and also that of nearly all the other members of the Faculty.

The matter of a chair of Electrical Engineer-

ing and Physics was discussed, but no definite conclusion was arrived at.

It was decided to add an instructor in both Civil Engineering and Chemistry to the Faculty. Voted to have the library kept open a certain number of hours each day and to employ a librarian. It was also arranged to prepare a special course, of about two years duration, in dairying and to engage a specialist in that branch of agriculture as instructor and lecturer.

President Fernald read his annual report and it was accepted by the board, thus sustaining the Faculty in their methods of discipline. A committee consisting of the following: Pres. Fernald and Prof. Balentine from the college, Hon. Rufus Prince, South Turner, R. Alden, Esq., Limerick, was chosen to consider all matters pertaining to the management of the farm and agricultural course.

It was voted to ask for an appropriation from the State Legislature to erect a building to replace Wingate Hall, destroyed by fire.

It was voted to employ a farm superintendent. The report of President William H. Strickland will be published in January.

OUR ALUMNI.

H. M. ESTABROOKE, M. S. C., '76.

Horace M. Estabrooke was born in Linneus, Aroostook Co., in 1849, and obtained his early education in the district schools of that town. He prepared for college at Houlton Academy, under Prof. Charles H. Fernald, who later occupied the chair of Natural History at the State College and who now fills a similar position at Amherst, Mass. While in the Academy he paid special attention to Rhetoric and English literature, taking the first prize for excellence in composition. He contributed frequently to the local papers and occasionally to the *Portland Transcript* and the *People's Literary Companion*. He entered the Maine State College in 1872, taking the course in Science and Literature, then called the "Elective course," because certain studies were elective. While in college he gave much time to the literary studies, working on Latin in his spare moments, and also reviewing Greek. He took the Coburn

prize for more years Junior year.

He paid teaching college office R. L. I. German keeper for the college.

While house, s which ha author of

Since devoted He was p one year years. E

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prize for excellence in declamation in his sophomore year and he received the first prize in his Junior year for the best theme.

He paid his way through college partly by teaching and partly by work done for the college officers. He acted as amanuensis for Prof. R. L. Packard while he was translating a German work on chemistry and was book-keeper for Rev. A. W. Reed, then steward of the college.

While in college he wrote for a Boston house, several songs, both words and music, which have been well received. He is also the author of several pieces of church music.

Since his graduation Mr. Estabrooke has devoted his energies to the cause of education. He was principal of the Dennysville High School one year, and of the Pembroke High School five years. For the last seven or eight years he has been connected with the State Normal School at Gorham, presiding over the department of Physics and Chemistry. During this period he has given considerable attention to the study of Latin, French, German and Anglo-Saxon, and has published many sketches, novelettes, and poems translated from the German and the French languages. He delivered the poem at the presentation of the portrait of Dr. Allen, the first President of the college, last Commencement. He has delivered many Memorial Day addresses, and also many on educational subjects.

Mr. Estabrooke has been an active member of the Maine Pedagogical Society since 1883, and its Secretary and Treasurer for the last four years.

PERSONALS.

'74.—George L. Trickey, Esq., is President of the Aroostook Trust and Banking Company, which commenced business a few weeks ago in Caribou. Mr. Trickey is, without doubt, one of the best financiers in Aroostook, and the large amount of stock taken by Caribou's business men is proof of the confidence they have in his ability to successfully manage this new enterprise.

'75.—Several different parties are anxious to purchase the business of Mr. L. W. Rogers in Waterville which he put upon the market some

time since. It is one of the finest and most desirable retail grocery establishments in the State, the business, which is all cash, for the past five years having amounted to between \$40,000 and \$50,000 annually. It is a matter of surprise to nearly everybody that Mr. Rogers should want to leave such a business, but the western fever has got a hold on him, which probably accounts for it.

'76.—Edward M. Blanding, of Bangor, editor of the *Industrial Journal*, has been elected an associate member of the Portland Press Club.—At the annual meeting of the stockholders of the Dustin & Hubbard M'fg Co. of Oakland, W. T. Haines, of Waterville, was elected one of the directors.—Edwin B. Pillsbury, who has been a valued member of the local staff of the *Boston Globe* for several years, has severed his connection with the paper and gone to Seattle, Wash., where he will have a position on the *Seattle Evening Press*.

'79.—Mr. A. J. Shaw of Milwaukee, Wis., formerly of Auburn, and now representing the Shaw Electric Crane Co., is visiting friends in Auburn.

'81.—Mr. H. H. Andrews, cashier of the National Bank of Callaway, Neb., is vice-president of the Building and Loan Association of that city, and is a director of several other financial and business enterprises in that State.

'82.—D. C. Woodard has been contributing a series of articles on "Machine Designing" to the *American Machinist*. These articles were of great value and interest to mechanical engineers and have been widely read.—Mr. Will R. Howard, who has been Headmaster of the Northwestern Military Academy, Highland Park, Ill., is now pursuing a post graduate course at Harvard University.

'83.—Chas. W. Mullen, of Oldtown, has returned from his extended trip through the South and West.

'84.—Wm. R. Pattangall has made several trips to South America and the West Indies during the past two years, and is now studying law in Pembroke.

'85.—Mr. J. N. Hart, Instructor in Mathematics and Drawing at the college, will spend

the winter vacation at Clark University, Worcester, Mass., where he will take a post graduate course.—Mr. Geo. W. Chamberlain, Principal of Calais High School, has been elected president of the Washington County Teachers' Association.

'87.—Mr. Howard S. Webb, Instructor in Shop and Vise Work at the college, will take a special course in machine work in the mechanical engineering department of Cornell University during the winter vacation.

'89.—Mr. Charles G. Cushman received the honor of being elected a member of the American Society of Mechanical Engineers at a recent meeting in New York.

'90.—F. W. Sawyer, who has been studying medicine with Dr. Porter of Old Town, has become a student at the Medical College of the University of New York City.—J. W. Owen, is engaged in teaching the winter term of the free high school in Easton, Aroostook Co.—We hear that William Bridgham Pierce will study law in Bangor this winter.—George M. Pillsbury has a good position with the Cushnoc Fibre Co., Augusta.—Nathan C. Grover has completed his work as leveler on the Upper Coos extension of the Maine Central, and has gone to the Institute of Technology, Boston, where he will take a special course in civil engineering.

'91.—J. E. Graves will spend the winter in Berlin, Conn., where he will be employed in the shops of the Berlin Bridge Co.—L. A. Tirrill is draughting for the Thomson Houston Electric Co., Lynn, Mass.

EXCHANGES.

In the November *Antiochian* is a short article entitled "Reserved Power," well worth the reading. The CADET commends its perusal to all.

The *Acadia Athenæum* has again made its appearance after an absence of some months. This publication is one of three exchanges, which come to our table from Canadian Colleges, and is a very well conducted sheet.

The *Bowdoin Orient* has introduced into its

columns a most commendable feature, a Y. M. C. A. department.

We welcome our provincial neighbor, The *University Monthly*, as an interesting exchange.

The *Tuftsian* of November contains an interesting article on college co-education in which the writer ably sets forth his views on the subject and disposes of the knotty problem to his own complete satisfaction.

OTHER COLLEGES.

There were forty-six graduates from Lehigh University, Bethlehem, Pa., recently. The graduates wore the orthodox cap and gown.

Nearly thirteen thousand volumes have already been offered to the university of Toronto to replace the library recently destroyed by fire.

The Methodist Episcopal church has decided to build a college at Kansas city, and has acquired property worth \$1,000,000 for the purpose.

Ninety-four American colleges received in gifts during 1889 the great sum of \$3,624,579, and the total of their present endowments is \$51,765,449.

At the fifty-fourth annual commencement of Franklin and Marshall college, Lancaster, Pa., June 19, twenty-three graduates received diplomas.

For the first time since its foundation a Jew, Professor Julius Bernstein, has been elected rector magnificus of the Halle University. Up to within a comparatively short time no Jew was permitted even to teach there.

It is a sign of the standing of the graduates of the Harvard annex that the teachers of Greek and Latin in three representative schools for young women in Cambridge, Baltimore and New York are fruits of its training.

The revenue of Cooper union, founded by Peter Cooper in New York city, was \$47,286 in 1889, and the expenditure \$1,000 less. There were 700 pupils in the scientific departments and 900 in the art classes, all instruction being free.

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The Columbia College library is said to be the best managed in the world. Writing materials are furnished for the visitors, and light meals are supplied to the students too busy to leave their work.—*Princetonian*.

The National University of Chicago contemplates the early establishment of a series of "Trade Schools," or institutes, in which young men may gain a practical education. These institutes will be modeled on the plan of the "Horological Institute," which already numbers over fifty students engaged in learning the watchmaker's trade, and has proved very successful. Such a project deserves every encouragement. Good skillful mechanics are necessary to the world's progress.—*Tuftsian*.

At the Agassiz Museum at Harvard, which already has a floor space of over four acres, is to be enlarged.—*Ex*.

Over \$3,675,000 was given to forty-two American colleges last year, in gifts ranging from five to ten thousand dollars.—*Ex*.

Nothing in this country more astonishes an English university-bred man than our college yells. He never takes the practice as a bit of American fun, but seriously sets to work to prove how even educated Americans follow the customs of the savage Indian, his war-whoop being perpetuated in the college yell.—*Mail and Express*.

The Faculty of the University of Texas have recently passed a rule which allows any student having a class standing of ninety per cent. and an attendance of ninety-four per cent. to pass to the next higher class or to graduate without an examination.—*Ex*.

Germania, a German newspaper, says: "Of the 100,000,000 postage stamps used yearly in this country, the people of the United States will have two and one-half acres less to lick on account of the smaller form of the stamps."—*Ex*.

When the new student at Johns Hopkins looks around from the piles of buildings to the busy streets on either side and asks where the campus is, he learns that it is three miles from the city, at Clinton, the old estate of the founder of the university.—*Ex*.

Resolutions signed by 1,360 members of the University of Cambridge protest against any movement toward the admission of woman to the membership and degrees in the university.—*Ex*.

Scotland out of a population of 4,000,000 sends 6,500 students to her universities, while the two great English universities have but 5,000 students. Germany has 22,500 university students coming from a population of 43,000,000.—*Ex*.

At Harvard for fifty years no smoker has graduated with the first honors of his class.

Brazil has forty-five colleges and scientific schools.

The colleges of England have no papers printed by students.

One million, two hundred thousand cigarettes are sold every month by one New Haven firm to Yale students.

Out of 38,054 alumni from 58 colleges and universities since 1825, 3,577 or nine per cent. are recorded as physicians; 9,991, or 21 per cent., as clergymen, and 6,105, or 10 per cent., as lawyers.—*Ex*.

Mr. Thomas Armstrong, of Plattsburg, has deeded to Union College property the value of which is variously estimated at from \$75,000 to \$100,000. The income is to be devoted to the support of a chair of political economy and social science; but as the money will be more than is necessary for that purpose, the excess is to be applied to the general interests of the college. The donor reserves the use of the property during the life of himself and that of Mr. Orin L. Robinson.

Hon. Arinaro Sato, who is in charge of the Japanese Legation in Washington, is in Salem, Va., to enter at Roanoke College Jun-Kichi Furukawa, son of Hon. Munemitsu Mutsu, formerly minister to this country and now minister of agriculture and commerce in Japan. This young man has been adopted by Mr. Ichibei Furukawa, the leading operator of mines in Japan, and hence bears his name. There are four Choctaw Indians and two Mexican students at Roanoke College this year.

The income of the University of Oxford in 1889 was \$331,000. The university police and the special grant to the Oxford city police absorb \$10,000 of this amount. The university press is very profitable, \$75,000 having been turned over to the university in 1889.

The trustees of Cornell university have decided to award the thirty-six university scholarships for only two years in future, instead of four years. At the end of that period the scholarships will be given for the remaining two years of the course to the students who have done the best average work during the first two years. The scholarships are worth \$200 a year.

The Worcester Polytechnic Institute has just added to its facilities a new laboratory building costing with apparatus over \$125,000, and offers training in Chemistry, and Civil, Mechanical and Electrical Engineering, which few schools in the country equal and none surpass, at a very moderate expense.

At the annual meeting of the Trustees of Cornell University today, it was announced that Henry W. Sage had given the University \$200,000 for the department of philosophy of christian ethics. This makes the total of Sage's gifts to the institution nearly three-quarters of a million.

Ohio alone has more colleges than all Europe.

A Japanese holds one of the professorships in Yale.

The following is the class cry of the Sophs in Ottawa University:—I—so—cra—tes—cra—cra—cra—Hoi—Hoi—Hoi—Ho men—Ho day—Phi—Chi—Psi—'93.

Canada has forty colleges; Brazil has forty-five colleges and scientific schools; and India has eighty colleges.

The city of Helena gave two hundred and fifty acres of land to the Montana University, which is now being built.

Yale, Harvard, Princeton and Columbia have made arrangements for hold entrance examinations in Paris next year.

The oldest college in the world is the Moham-medon College at Cairo, Egypt, which was 18,000 years old when Oxford was founded.

The Princeton faculty have decided that no special student will be allowed to play in any university athletic team until after he has been in college two terms, or one year.—*Ex.*

The University of Berlin, with its 6000 students and scores of famous professors, has a capital of but \$750,000. Its largest endowment, that of the Countess Bose, is only \$150,000. Nevertheless, it is the seat of the highest German learning and claims to have the ablest corps of instructors of all the world's schools.—*Ex.*

"*Yale Lit.*," is the oldest living college publication.

The new gymnasium at Yale will cost \$200,000.

The Seniors at Williams College are to wear the cap and gown this year.

The University of Wisconsin has beaten three professional ball teams this year.

Dartmouth and Williams have abandoned class day and the accompanying exercises.

The president of the Pekin University is translating Shakspeare's works into Chinese.

Four college dailies are now in circulation. Princeton, Harvard, Yale and Cornell each publish one.

Oliver Wendell Holmes commenced his literary career as an editor of a college journal. His first verses were written for his magazine.

A second expedition will be made this year from Princeton, to investigate the Gulf Stream, the results of last year's trip having been so fruitful.

Six Siamese students have been sent by the government of Siam to be educated in this country. They will go to Westminster College, New Wilmington, Pa.

The expenditures of Columbia College during the year ending last June were \$407,600. Toward these the students contributed in fees \$144,731, or only a little more than one-third. The tuition fees do not so much as pay for keeping open and maintaining the buildings.—*Ex.*

In the recent oratorical contest at Harvard a negro took the prize.

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CLIPPINGS.

This incident takes a good deal of what has always been regarded as exaggeration out of the story that is told of a Russian army surgeon on his professional round. On entering a ward the officer in charge gives the command, "Attention!" when each inmate at once takes the position of a soldier. "Tongues out!" in the next order, followed by the instant projection of that member. The surgeon, accompanied by an attendant, then proceeds along the line, examining each tongue and giving direction as to treatment. When the inspection is over and the medical officer takes his departure the command "Tongues in!" releases the line from its unpleasant and ludicrous position, and "In place rest," allows the men to resume their cots. And yet military writers admit that the soldier who thinks always gets away with the human machine in battle.

'TAIN'T SO.

Don't believe the world is going to the dogs;
'Tain't so!
That all women are peacocks and all men hogs;
'Tain't so!
An' if any man tells you the world to despise,
An' the honor of all men is sold for a price,
Look squar' in his eyes and just tell him he lies,
'Tain't so!
For he thinks that the world is fashioned awry,
And made from the pattern they cut him out by,
'Tain't so!

—Ex.

A DILEMMA.

Here's such a dilemma!
Now what would you do?
I am quite fond of Emma
But then I think Sue
Likes me better than Emma.
Now, here's a dilemma
For, you see, I like Emman,
Come! what would you do?
Would you make love to Sue
And so solve the dilemma,
Notwithstanding that you
Would much prefer Emma?
Would that really do
Both for you and for Sue?
No—it wouldn't, that's true,
That's a much worse dilemma!

But supposing that you
Were rejected by Emma
Having first jilted Sue—
What a frightful dilemma!
You wouldn't have Emma,
Sue wouldn't have you!
Behold the dilemma,
Now, *what* would you do?

—Trinity Tablet.

OUR ADVERTISERS.

We have made arrangements with Dr. B. J. Kendall Co., publishers of "A Treatise on the Horse and his Diseases" which will enable all our subscribers to obtain a copy of that valuable work *free* by sending their address (enclosing a two-cent stamp for mailing same) to Dr. B. J. Kendall Co., Enosburgh Fall, Vt. This book is now recognized as standard authority upon all diseases of the horse, as its phenomenal sale attests, over four million copies having been sold in the past ten years, a sale never before reached by any publication in the same period of time. We feel confident that our patrons will appreciate the work, and be glad to avail themselves of this opportunity of obtaining a valuable book.

It is necessary that you mention this paper in sending for the "Treatise." This offer will remain open for only a short time.

If you ever had any reason to think that the Equitable Life Assurance Society was anything but a live and flourishing concern, read the following from the *New York Commercial Advertiser*, October 6th:

The Equitable Life Assurance Society reports that the new assurance written during the first three-quarters of the year, shows an excess of \$20,000,000 over that of the same period last year. It is stated that, with a continuance of this ratio of increase, the total new business of the Society for the year will exceed \$200,000,000.

B. F. Johnson & Co., whose advertisement appears in another column, have recently moved into new and larger quarters, with better facilities for conducting business than ever before. Parties wishing employment or to more fully investigate the opportunities and advantages they offer, would do well to communicate with them promptly.

Winter is the time when coughs and colds reign supreme, but I. S. Johnson & Co. has found a remedy which has a reputation of eighty years standing. Read their "ad." and the following notice:

To any person interested, I. S. Johnson & Co., Boston, Mass., on receipt of address and stamp for reply will send a receipt for making a good egg-food at small cost. Any person buying and using Sheridan's Condition Powder now, will get their hens in good laying condition and stand a good chance to win one of the large gold premiums to be offered later by the same firm, who are the only makers of Sheridan's Condition Powder. For 50 cts. they will send two 25 cent packs, five packs for \$1; or for \$1.20 one large 24 pound can of Powder, postpaid; six cans for \$5, express prepaid. Sample copy of the best poultry magazine sent free. The paper one year and a large can of Powder for \$1.50.

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.....R. W. Lord.
V. G. M.....H. V. Starrett.
Cor. Sec'y.....Prescott Keyes, Jr.

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

Meetings every Friday night in Chapter House.

Pres.....W. M. Bailey.
V. Pres.....H. M. Prentiss.
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. Pri. ce.

S. I. U. Society.

Meetings every Friday night in Chapter Hall.

Pres.....C. H. Kilbourne.
V. Pres.....S. M. Timberlake.
Sec.....C. M. Johnson.

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.

E. R. Merrill.
H. G. Menges,
R. W. Lord,
Wm. R. Farrington.

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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
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

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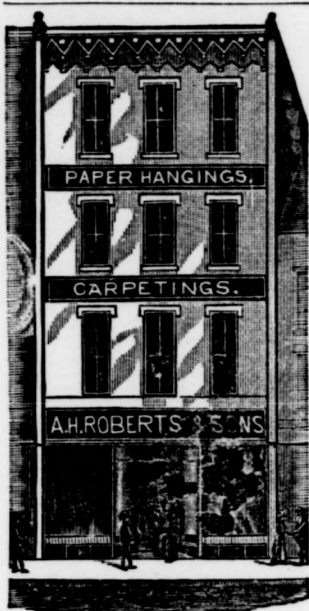
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