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THE CADET.

VOL. VII.

ORONO, MAINE, MARCH, 1891.

No. 1.

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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Assistant.

E. H. COWAN, '94.
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 R. H. Fernald 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.

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EDITORIALS.

WITH this number of THE CADET begins a new volume, and subscriptions are now due from nearly all subscribers. The Business Editor has mailed a bill to each delinquent, and upon its receipt let each subscriber adjust the amount at once.

THE CADET needs your support. It is a very easy matter to neglect paying a subscription and then, when a bill comes for three or four years' subscriptions to think that some mistake has been made by the business department, and and so neglect the payment for still another year. We do not claim that mistakes may not occur on our part, but in most cases they result from neglect or carelessness on the part of the subscriber. We shall do our best to make the publication interesting and shall be pleased to receive articles and suggestions from all.

A finely illustrated and interesting circular of information has recently been issued by the College for the purpose of directing attention to the courses of study offered by the institution, and for making known its facilities for instruction. The circular contains thirty-two pages, illustrated by numerous cuts of the buildings and grounds. It is remarkably neat and attractive and cannot fail to be of great benefit in advertising the admirable advantages and excellent means of instruction which this institution affords.

These circulars have been widely distributed throughout the State, and the most satisfactory results are anticipated.

The catalogue for '91-'92 is also made very attractive by changes in the subject matter and by the addition of various cuts.

As Wingate Hall has so recently been opened for use, it seems fitting to place in *THE CADET* the cut and full description of this fine building, which will be found in another column, notwithstanding the fact that similar descriptions have appeared in many papers.

Of necessity the students in engineering have been working under difficulties since the loss of the former Wingate Hall, and it is hardly necessary to speak of the pleasure and gratification of all upon entering the new building.

However highly appreciated its advantages may be, a word of caution may be necessary for the thoughtless. This building, which is so finely equipped and adapted for its purposes, can be kept in nice condition and free from defacement by a little care on the part of each one who enters it; and pride in such matters makes the difference between keeping a building neat and attractive, and making it slovenly and repulsive.

A system of new drill regulations for infantry has been prepared, and approved by the Secretary of War. Accordingly drill in the new tactics for the whole battalion of Coburn Cadets began the second week of the term. Many changes have been made and also many additions. Instead of four exercises in the "Setting up drill," there are now seventeen, which form a

fine series of exercises for general development of the various muscles of the body.

Having no large and well-equipped gymnasium, and consequently no instructor in physical science, the value of entering into this drill with energy and vigor, and practicing it regularly, cannot be overestimated.

In arranging the plan of Wingate Hall, the college very kindly set aside a commodious room for the Y. M. C. A. The need of such a room has been very great, and now that the desired accommodations have been supplied, the next matter to be considered is that of furnishing.

In order properly to equip this room, a moderate sum of money will be required. To aid in securing these funds, a course of five entertainments has been arranged. If the members of the faculty, students, and town's people will show their willingness to aid by purchasing tickets to these entertainments, it is hoped that a good amount may be realized.

It will of course be necessary to raise money in other ways and any donations will be gratefully received.

All donations should be sent directly to the president or treasurer of the Y. M. C. A.

CHANCELLOR W. S. CHAPLIN.

Professor Winfield S. Chaplin, who has recently accepted the position of Chancellor of Washington University at St. Louis, is the son of Col. Daniel Chaplin of Bangor, who was for a time commander of the 18th Maine Heavy Artillery during the war.

Chancellor Chaplin graduated from West Point Military Academy. From 1874 to '77 he was Professor of Modern Languages and Mechanics, and Instructor in Military Science at the Maine State College. He resigned his position at this institution to go to Japan, where he remained five or six years as Professor in the University of Tokio.

Upon returning to America he accepted a position at Union College, which he held for two years. He was then called to Harvard University as Professor of Civil Engineering,

and was soon chosen Dean of the Lawrence Scientific School, which positions he recently resigned to accept the Chancellorship of Washington University.

AUTOBIOGRAPHY OF LIEUT. MARK L. HERSEY.

I was born in the village of Stetson, Penobscot County, Maine. Received the usual education of the village school, fitting for college there, at East Corinth Academy and at Maine Central Institute, graduating from the latter institution in the class of '80. Entered Bates College same year and was connected with that institution until June, 1883. While in fitting school and college taught seven terms of school and collected tolls for three summers on the Mount Washington, N. H., carriage road. In October, 1882, competed at Bangor for an appointment to fill the then vacant cadetship for this District at the U. S. Military Academy. Entered the latter institution in June, 1883, and graduated June, 1887. A three months leave of absence followed.

September 16, 1887, I was married to Miss Elizabeth Noyes of Waterville. We started to join the "Ninth Foot," then in Arizona, the same day. During our first year out we had three changes of station, moving from 300 to 600 miles each time. Military duty for me included straight duty as a file closer, duty as Company Commander, as Signal Officer, as a topographer, as Quartermaster, as Commissary of Subsistence both at a Post and in charge of issues of rations to the Hualapai Indians. During four years in Arizona served among the Mojave, Hualapai and Apache tribes. The most satisfactory part of a soldier's duty with these Indians comes from the perfect confidence they have in a soldier's word.

With exception of a trip from St. Louis to San Francisco in charge of recruits, my service as a commissioned officer was wholly in Arizona until ordered to report to the President of the Maine State College, July 1, 1891.

While we found that life in the wild and woolly west is novel and interesting, that garrison life in our army possesses a charm peculiarly its own, we do not feel it any hardship to

return to relatives and friends in the East, with the prospect of living three years in one place.

MARK L. HERSEY.

INTERVIEW WITH D. W. COLBY, ASSISTANT IN CHEMISTRY.

I found Mr. Colby seated at his desk in the Chemical building correcting the note books of the Sophomores in Qualitative Analysis, and although not engaged in a particularly pleasant task, he received me cordially and signified his entire willingness to be interviewed.

"My native place? Skowhegan. Born? July 2, 1864. My father has been for many years a dealer in millinery and fancy goods in Skowhegan. How did it happen that I did not go into business with him? I had a natural distaste for the confinement and details of the business and an inclination for study, especially for the sciences, that I could not gratify there. Not being particularly strong I was taught at home and not allowed to attend school until my ninth year, when I entered the lower intermediate grade of our town schools and graduated from the High school in June, 1883. During the following year I taught in a district school and also took some lectures in Chemistry and Chemical Physics in Colby University. In the fall of '84 I entered the State College in the Sophomore class and graduated with the degree of B. S. in Chemistry in '87.

"Why did I choose the course in Chemistry? At the time I entered I believed, as I do now, that profession to offer as good advantages to a young man as the engineering courses, together with greater prospects of a permanent position.

"During my college course did I receive any honors? Well, that may be a question. In my Senior year I was Adjutant of the Battalion, then the only staff officer in the corps; was appointed on the stage at the Sophomore and Junior exhibitions, and to represent the course in Chemistry at the Commencement exercises. I was also one of the first board of editors of THE CADET.

"In the fall of '88 I entered Cornell University as a post-graduate in Chemistry and Botany. During the last three months of my stay there I served as Assistant Chemist to the

Cornell Experiment Station under the direction of Dr. G. C. Caldwell, continuing at the same time my lectures in the University.

"The position of Assistant Chemist to the Vermont Experiment Station at Burlington was offered me in May, 1889; after finishing my work at Cornell I went there the June following. Remaining in Vermont till May, 1890, I went to New York City to engage in the business of Analytical Chemist. My marriage on June 14th was the next important event in that year. In June, '91, I was appointed Assistant in Chemistry at the State College, as you know, and entered upon the duties of the position at the beginning of the fall term."

OBITUARY NOTICES.

In the month of January of the present year, two of the earlier trustees of the State College were victims of the prevailing distemper, La Grippe.

Hon. Luther P. Moore, of Limerick, a trustee of the College from 1879 to 1886, died on January 14th, after a week's illness, at the age of seventy years.

He had been a prominent attorney-at-law and a most useful citizen. He had served in both branches of the State Legislature and was President of the Senate in 1854. Two days after Mr. Moore's death, his widow, who had been his companion in life for many years, yielded also to the same disease. "Lovely and pleasant in their lives, in their death they were not divided."

They left seven children, of whom one, Mr. Arthur L. Moore, now of Waterville, is a graduate of the State College and his father's successor in the Board of Trustees.

Hon. Nathaniel Wilson died at his home in Orono on the evening of the twenty-third of January. He was a trustee of the College from 1867 to 1869, and was its warm friend and an ardent champion of its interests to the last days of his life.

He has been present at every Commencement and has been ever ready to speak and labor in its behalf.

The following sketch of Mr. Wilson's life, taken from the *Bangor Daily Whig and Cour-*

ier of Jan'y 26, 1892, will be read with interest by the alumni and all other friends of the College:

"Mr. Wilson was held in the highest respect throughout the State, for his many sterling qualities, and his loss will be sincerely mourned. He was taken ill with the influenza about a week ago, and so strong a hold had the disease upon him that he was unable to throw it off.

The deceased was born in Haverhill, Grafton County, New Hampshire, September 18th, 1808, and was therefore 83 years, 4 months and 5 days of age. He attended the academy in his native town and was graduated from Dartmouth College in 1829. He was principal of the academy at Lancaster for two years, and in 1831 he became principal of the High school at Augusta.

He made a very successful teacher during his entire experience. In 1832 he went to Gardiner and began reading law with Hon. George Evans. In January, 1834, he was admitted to the bar of Kennebec County and he immediately came to Orono, where he has since resided. He married Adeline, daughter of Mr. and Mrs. Benjamin Boardman, of Lancaster, N. H., in 1834. She died in December, 1836.

On April 17th, 1839, he married Abbie Ann, daughter of Mr. and Mrs. Jeremiah Colburn. By that marriage he had ten children, seven sons and three daughters. Of that number Rev. F. A. Wilson, of Bellerica, Mass., Mr. C. C. Wilson, of Auburn, Mr. Nathaniel Wilson, of Basin Mills and Mrs. Fuller, of Kansas, survive. An adopted daughter is the wife of Prof. W. H. Jordan, of the Maine State College.

Mr. Wilson had always been identified with those interests which tended to increase the prosperity of the town, and held many of the town offices with entire efficiency. He was a member of the school committee for over forty years. He represented Orono in the Legislature several terms, being first chosen in 1879, and he was largely instrumental in the location of the Maine State College at Orono.

He was prominently interested in religious and temperance work, and was for several years a delegate to the National Convention of the Sons of Temperance. He had always kept up the practice of the law, and did a large and successful business, marked by thorough integrity and ability. Originally a Whig, when that party ceased to exist he became a Democrat.

The familiar form of Mr. Wilson will be much missed, and the relatives will have the deep sympathy of many friends in their bereavement."

WINGATE HALL.

THIS building which takes the place of the former Wingate Hall destroyed by fire over two years ago, was designed by Mr. Frank E. Kidder, a graduate of the college in the class of '79.

It is a rectangular structure with a frontage of eighty-five feet and a depth of sixty feet. It is of brick, three stories high, with a bell tower in the front centre of the building. It faces toward the west, fronting on the Stillwater river.

The first floor is devoted entirely to the Engineering Departments, the south side to that of Civil Engineering, and the north side to that of Mechanical Engineering.

Upon entering the building from the front, the first room at the right is a recitation room; back of this, the south-west corner room, is a private office for the professor of Civil Engineering. The remainder of the south side of this floor is devoted to designing and to the storage of the various instruments of the department. Two recitation rooms occupy the front of the side devoted to Mechanical Engineering; back of these is a private office for the professor of this department. The north-east room upon this floor is also used for designing.

The south-west corner room upon the second floor is a recitation room for the department of Physics. Directly back of this is the Physical apparatus room. The south-east part of this floor is occupied by the professor of English Language and Literature. The north side front is set apart for the Young Men's Christian Association, and the north-east room is occupied by the professor of Mathematics.



The third floor is devoted entirely to two large drawing rooms—the south side for the Civil Engineers and the north side for the Mechanical Engineers. These drawing rooms are well lighted from over-head by large skylights. Besides the rooms mentioned, there are many small offices and store rooms. The basement is devoted almost entirely to the latter.

The finish of the building is of a superior quality, the colors of the paint harmonizing well with the woodwork, making it most attractive in appearance. The building is heated by the Sturtevant Hot Air System, is well supplied with water and is lighted by electricity.

COMMUNICATION.

ADVERTISING THE COLLEGE.

TO THE EDITORS OF THE CADET:

There have been considered in preceeding issues of THE CADET, some suggestions that have been thought pertinent, especially at this period in the cause of this college. Reference is made to two communications from former students whose thoughts dwelt chiefly on the subject of advertising the college.

Since these were written, there have appeared from the hands of the authorities in charge, a little work that has certainly found favor in the eyes of many an alumnus by correctly reproducing the scenes with which his pleasant college life was associated. Aside from this, whatever value it may have as a means of advertising the facilities and opportunities there afforded for instruction to the young men of Maine, it is not the object of this communication to consider. It would, however, to come directly to the point, strongly urge upon the consideration of the present student body the manner of advertising that lies within their power to perform, thereby making the College known to all the people of the State. This way is, as Mr. Bickford, '82, has suggested, through the means of the public press.

Looking upon the matter from a journalistic stand-point, it may appear of more consequence than to those who are following or intending to follow some different pursuit. But all must admit that properly performed it is a way in which there are grand possibilities. There is, as has been suggested, a desire upon the part of the Press of Maine, to report, correctly and even minutely, the ordinary affairs that are transpiring at the college. Publishers cannot afford, nor do they care to pay for such items as they may wish to publish, but they are as a rule, however, ready to furnish their publication and the necessary "stamped envelope," etc. for the regular correspondent and upon matters of more importance would probably recompense the correspondent for his work.

Here then, comes in the duty of the student to the College. Let as many as possible secure the position of College correspondent for some

paper. Let his home paper be first considered and if he is enterprising he might handle one of the more important dailies of the State. For a weekly paper his letter should be as often as two or three times a month if not regularly every issue; for a daily let it be as often as that each week and let them consider that much that is written is a matter of news and deserves to be sent at once and not several days after the event has transpired.

There is no dearth of material for a letter or collection of items at the College, and at the present time there is an abundance of material that will be of more than usual interest.

Every one can see for himself the value of these letters. The weekly papers in the smaller towns, that are read and re-read, circulate among a class of people upon whom the College is glad to draw for its supply of new students. By these letters these people are made aware of the existence and vitality and energy of the young institution: its objects will become better known; its facilities shown up and its successes become matters of common interest. As a public institution let it be before the eye of the public that all may be correctly and completely informed of its successes or its failures, if there be any.

It is not necessary to state that there has been a signal failure upon the part of the students to respond to this duty during the past term, at least, and possibly further back. Situated as the writer was, where an opportunity was had to see just what was done, the work, to speak plainly, was almost completely neglected. Even the Bangor dailies found it difficult to obtain matter and when any was obtained it usually came through the personal efforts of the editors. Only one of these papers maintained a regular correspondent throughout the term.

It is to be hoped that there may be a general improvement noticeable in what may be considered the reportorial duties of the students during the present term and the terms to come.

Another suggestion in a nearly parallel line is that of enlisting, so to speak, some publication that shall be in a measure the *organ* of the Maine State College. THE CADET may be considered to fill the bill to a certain extent and the daily press has shown a more than kindly

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regard for the institution, but what the College seemingly wants is a newspaper that will be not only an upholder and supporter of the College in all its departments, but a direct means of communication between the College authorities and the public.

It cannot be claimed but what the agricultural departments of the institution are zealously cared for by that reliable and, in its lines, enterprising sheet, the *Maine Farmer*. But its sphere of action is limited and its vision is often distorted by a haze which its strict partisanship imparts.

But the other industrial masses of the State, the classes into which the greater portion of the students enter by the Mechanical, Civil Engineering and Chemical courses,—these people need an organ to champion their cause and furnish occasional information in lines of work pertinent to these sciences.

There is one paper whose sphere aptly fits it to become such an organ as is suggested. *The Industrial Journal* of Bangor, "devoted to the manufacturing, commercial, agricultural, railway and steamship, hotel and summer resorts and fish and game" interests of the State, is pre-eminently the paper to represent the most popular departments at the Maine State College. Moreover, its editors and principal promoters are alumni of this institution, than whom few are more loyal or ready to serve their *Alma Mater*.

This "organ" might accomplish the work which is suggested by publishing the items of interest in those special departments which have been less particularly dwelt upon by the press. Booming the agricultural department is all right but the young men of the State who attend this institution give evidence of the other departments being the more popular and best adapted to the demands of the times. Students or members of the faculty in the several departments might furnish the proper matter for publication. The "organ," moreover, might become an information bureau through which much scientific matter could be brought out for the benefit of the industrial classes of the State. Both the student and professor should contribute. Nothing in the public's mind argues more for the progressiveness of an institution than a public demonstration of some advance

work performed by one of its able instructors.

In these ways suggested: That for the student in thoroughly and correctly acquainting the people through the public press of the events transpiring at the College and that way for the student or member of the faculty by which they are put into communication with the interested public through the means of an organ voicing the ideas of both the institution and its supporters. These ways, it would seem, are open by which means advertising that costs nothing beyond the labor expended, can be judiciously carried on. It would seem as if there must be grand possibilities in such or similar lines of work.

EDWARD H. KELLEY, '90.

New York City, Feb. 16, '92.

LITERARY.

THE SANDWICH ISLANDS AND THEIR INHABITANTS.

As the Hawaiian or Sandwich Islands are fast gaining in international importance, a brief glance at them may be of interest to the readers of THE CADET, particularly as the Maine State College has representatives there, who hold prominent positions in the agencies now at work for the development and civilization of the islands.

Americans, travelling westward, find their splendid empire culminating in beauty, and then breaking short off at the Golden Gate. Voyage out, and after six days westward steaming, 2,100 miles on the placid Pacific without fear of reef or rock, the horizon is broken by high rugged mountains, that on the chart are mere dots. It is the civilized, hospitable Americanized little kingdom, the other day Kalakaua's, now presided over by her gracious majesty Liliuokalani. The name is less intricate than it appears. Try this:

Lil-lee-woke-a-lanny, accent firmly the ee and speak it quickly.

This little kingdom consists of eight inhabited islands, occupying a line of about three hundred and fifty miles, beginning at Hawaii and running west north-west to Kanai and Nihaun. The 160th meridian west longitude crosses the 20th

parallel of north latitude within this group. But its location can be more readily fixed in one's mind by placing it about three thousand miles due west of the City of Mexico.

They receive the cool ocean current from the north-west, and the trade winds from the north-east. These temper the atmosphere with a cool breeze, but lightly charged with moisture; hence a sub-tropical climate. Fruits of the tropical and temperate zones grow here in abundance and many of them in constant fruitage the year around. Rice and sugar cane are cultivated here in great quantities, and form the principal source of wealth. The plantations are, however, largely operated by Americans.

The essential public interest attaching to Hawaii grows out of its central position in the commerce of the Pacific Ocean. Honolulu is exactly in the track of all steamers sailing to Australia from San Francisco and Puget Sound. The trade on this line, now only in the embryo, is between kindred peoples and now maintains a line of steamers making regular, fortnightly trips. These with the Japan, China, and Australian steamers all making the one port of Honolulu, brings us to realize the commercial importance of this mid-ocean port and its prospective future.

At the time of discovery in 1779, there were undoubtedly 300,000 natives in the group and not improbably 400,000 as estimated by Cook.

Probably the limit of subsistence on these islands, under ordinary social conditions of economy would not exceed 500,000; and yet with the skilful and patient culture of the Chinese, a million persons might doubtless find maintenance in the product of the soil. The population of this group, December 1890, was about ninety thousand.

The result of a census taken at that time is approximately as follows:

Pure Hawaiian,	-	-	-	-	35,020
Mixed Hawaiian,	-	-	-	-	8,540
Foreigners Hawaiian Born	-	-	-	-	7,410
Americans,	-	-	-	-	1,970
British,	-	-	-	-	1,340
Germans,	-	-	-	-	700
Scandinavian,	-	-	-	-	210
French,	-	-	-	-	75
Portuguese,	-	-	-	-	8,330
Chinese,	-	-	-	-	14,560
Japanese,	-	-	-	-	11,780
Other races,	-	-	-	-	225
Total,					90,160

However small the proportion of Americans may appear it is nevertheless, the social and progressive factor of the kingdom. The native Hawaiians possess most kindly, friendly natures with a great approval for what is worthy and good. Probably there was never an uncivilized race so devoid of cruelty in their wars, or so simple and cordial in their hospitalities and friendships. As a people they have noble forms and muscular development. They are thoroughly courageous and make splendid soldiers and whalers. No stronger evidence of the existence of some such qualities should be asked for, than the unique and conspicuous fact, that there is no colored nation in the world, harboring a considerable colony of whites, except the Hawaiian, who have kept the government even nominally in their own hands. The Hawaiians have always had a sovereign of their own race.

It is only fair to say, however, that the character of the Americans, many of whom are missionaries and their posterity, has acquired the absolute trust and confidence of the natives, so that their counsel is highly regarded in legislative matters, and indeed forms a conspicuous part of their administration. The Hawaiians, meanwhile, are making remarkable progress in literary education and in the arts of life. Sixty years ago few could read or write. To-day every Hawaiian youth can read and write his own language freely, and is likely to be proficient in mathematics and geography. Three native dailies are published in Honolulu and several weeklies are printed in English.

The most faithful agency for the intellectual and moral elevation of the natives, said a recent writer, is found in the large training and boarding schools for both sexes. These schools have been created, and mainly supported by private beneficence, a fee of from thirty to fifty dollars per year being paid for board.

Presiding at the head of the Kamehameha (Ka-mayer-mayer) School for boys, the most important factor of native education, is the Rev. Wm. B. Oleson, a non-graduate of the class of '72, M. S. C. Mr. Oleson has for several years stood high in the esteem of Honolulu society, and the progress of the school is the fitting record of his administration.

Last year, recognizing the increasing growth

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of the school, more instructors were found necessary, and Mr. George H. Babb of the class of '90, M. S. C., was called to a position as instructor in mechanic arts. He was accompanied thither by his wife, a native of Maine, who is also engaged in instructing in the English department.

THE CADET is pleased to say that an article is expected from this source which we hope to publish in a future issue.

CHARACTER.

"With all your gettings, get understanding." Repeat this and it will have a familiar sound; but let us change it a little: "With all your understanding," develop character.

Character is the sum of qualities which distinguish one person or thing from another. It is the wholeness of personality. Looked at as a result it is the product of all influences used by, and brought to bear upon the soul. It is the soul's organism, as the body is the organ of physical life. Like the body it may be undeveloped, mutilated, diseased or dwarfed. Actively, it is the whole man working to one end. In physics, it is held that all forces have their origin in some common source. Light, heat, electricity, and magnetism are different manifestations of the same power. So intellect, sensibility, will, conscience, moral and mental manifestations find their correlation in character.

Character is quality of person. It results from endowment and culture. The man with one talent had endowment, but not culture. His fellow servants formed character, by using wisely what was entrusted to them. A quality was developed within them that made them to be trusted.

One element of true character is genuineness. It is being rather than seeming. The thought is shown by the act. Even faults must not be hid. The very sincerity of life, which true character demands, reveals the sins which the evil man conceals; like amber, whose transparency shows the insect it has embalmed, so even failings may lean on virtue's side.

Character is formed from the activities and passivities of man's whole nature. Each thought, feeling, purpose, word, deed, pleasure,

pain leave its impress on the soul. Fifty thousand flowers make but an ounce of the attar of roses, but the quality of each rose is in the product. So the quality, and influence of a myriad thoughts are in the finished life.

Character is stored up moral force. Infinite beams of the sun are in a pound of coal. So ceaseless efforts and sufferings leave their deposit and store up their moral force in the soul. Thus character is reserve power.

He who depends upon his own strength for the moment, and who measures influence by direct effort alone, is like the foolish virgins who took no oil with them in their vessels with their lamps. Character is the "old guard" in the battle of life. It bears the same relation to one's active life, that one's capital does to one's business. While he works his wages go on; but his capital works for him while he sleeps. So the wise business man ever takes something from his active earnings and stores it away into this permanent form of power. And he who is instructed in spiritual things makes the sum of his past life, as well as the activities of the present his strength. Happy the man who is storing up this secret power. It is not so much what a man intends to do that works through character as what his life and principles suggest. So in true life, every deed is germinal in relation to other lives. Inspiration, therefore, is a quality of true character.

But character is more than reserve force and inspiration, for others. The activities of the present are referred to it. Men measure deeds according to the character behind them. Liberal giving is praised, if it comes from a liberal life, otherwise the giver is called a hypocrite.

The politician is despised, not because he is affable to every one, but because he smiles for revenue. It is out of a selfish life.

If then we would have credit for good and kind deeds, our works of mercy must come out of a good heart. A good man, out of the good treasure of his heart brings forth good things, and an evil man, out of the evil treasure of his heart brings forth evil things. Be what you say and do, and you will lack nothing of power.

The United States is erecting a \$100,000 gymnasium at West Point.

CAMPUS.

They say that the bell tongue has been taken out of bed, being found in the old mattress behind the Gym.

The new catalogues are out. The many views of the Campus which appear in them are an attractive feature. The catalogues differ from old issues in this respect, and also in not having the list of graduates.

We were pleased with a short visit from Thompson, '91, not long ago.

Frink of Bangor has decided to take a short special course in Civil Engineering and is now with us.

Rev. A. C. Herrick, who delivered two lectures of the M. S. C. Y. M. C. A. course of entertainments, conducted chapel services on the morning of Feb. 16th. It seems that Mr. Herrick was a former teacher of President Fernald.

Prof. Munson of the Horticultural Department, delivered a lecture on Experiments in Spraying at the meeting of the State Pomological Convention held at Cornish, Feb. 17, and 18th.

The Dairy School opened for the Spring term the first of March. Mr. Gowell, the instructor in practical agriculture, returned Feb. 11, from attending the Hiram Smith Dairy School at Madison, Wis., and will have charge of the Dairy School.

Prof. Jordan of the Experiment Station will speak, on grange day of the assembly of the Chautauquan Union at Fryeburg, commencing July 26, on the subject of "The Relation of the Experiment Stations to the American Farmers."

Setting up drill for the battalion commenced Feb. 9, and guns were issued Feb. 15th.

Prof. Ballantine took Mr. Gowell's place at the Dairy during the latter's absence the first of the term.

There are six new students this term including two young ladies from Orono: deHaseth, of Brewer; Frint, of Bangor; Pattee, of Belfast; Snare, of Hampden; and Misses Cowan and Marsh of Orono.

Randlette '92 and Kittridge '93 were obliged

to return home early in the term on account of sickness.

Tolman '92 is stopping at Prof. Aubert's during the absence of Williams '93.

Not a few of the students have been subject to the grip thus early in the term.

Atkinson, '92, has been teaching at Jonesport, Maine.

Shaw '93 has been teaching at East Hampden, Keith at Veazie, and Hayes at North Guilford.

Jordan '93, assistant at the Experiment Station, spent a week's vacation during the Christmas holidays, at home.

Dr. Bartlett has moved into his new house, which is situated just south of the College grounds on the road to Orono, and finds it a very comfortable dwelling. Would that there were more such houses in that vicinity.

Prof. Munson spent about a week at his home during vacation.

The Horticultural department has purchased a fine span of horses that were used with good effect after some of our late heavy snow storms.

Pres. Fernald attended the meeting of the Maine Board of Directors of the Columbian Exposition, held at Augusta recently.

Prof. Estabrook's family arrived Feb. 9th and will make their future home in Orono.

A clock for the library has been presented to the College by the Seth Thomas Clock Co. of New York.

Ichabod Crane has arrived on the scene.

There are chronic growlers and *chronic growlers*.

The Museum has received the gift of a fine cabinet from Mr. Longfellow of Machias, in memory of his two sons, who were former members of the College.

Prof. Stevens and Instructor Briggs took a course of lectures at Boston Technology during the winter vacation.

The M. S. C. Y. M. C. A. is holding a course of five entertainments during the months of February and March. The first two were lectures, Feb. 15 and 16, by Rev. A. C. Herrick, on the subjects "Rome and Pompeii," and

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"Venice and Alaska." The lectures were held at the Congregational church in Orono, and were illustrated by some fine stereoptican views, and were a financial success. The third of the series will be a fine concert at the new Town hall, Orono. On March 10th, will occur the fourth entertainment of the course, an attractive and interesting lecture on Labrador by Prof. Lee of Bowdoin College, who conducted the Bowdoin expedition to Labrador during the past summer. The last entertainment of the course will be a drama. These entertainments are for the purpose of obtaining money to equip the Y. M. C. A. room at Wingate Hall.

Shop instructor Webb passed a few weeks this winter in Washington, with his father. While there he visited some of the graduates at Hampton, Va.

Prof. Jordan had quite an attack of the gripp lately, being confined to the house about three weeks.

The base ball men commenced work in the gymnasium Wednesday, Feb. 18. Great results are expected. The Y. M. C. A. has voted to transfer the control of the "gym" to the base ball management.

"Those felicities" are still predominant this term as usual.

Bristol, '92, has been teaching on Bailey's Island during vacation.

Four Trunks has returned.

Thomas' brother paid him a short visit during Feb. 17 and 18.

Instructor Colby of the chemical department, was accompanied by his wife when he returned to his duties this term. They are stopping at Mrs. Allen's, Orono.

Buck of Foxcroft has joined the Freshman class.

A long needed article has been placed in the chapel. A new bible.

It was suggested by the faculty that a day should be taken later in the term instead of Feb. 22d, but by a very close vote the students decided to observe Washington's Birthday.

"Steady" has been confined to his house with the mumps, and Gordan of Orono, has been taking his place.

"Through the slide there peeks an eye,
It makes the student laugh and cry.
Then Aaron comes round with his portly form,
And falls on the boys like with his old tin horn."

"The mighty Frog has fallen from his perch,
And the old man Gramp has got the itch."

Overheard:

Father, father, come out and see the Aurora Borealis.

Ah! my son, that is wonderful. I shall have to make a minute of that.

The world was sad—
The garden wild,
And man, the hermit, sighed
'Til woman smiled.

One entering the forcing house here at the College, thinks that summer has come indeed, for he sees tomatoes, lettuce, cucumbers, beans, carrots, radishes, rhubarb, and quite a display of flowers. The tomatoes occupy about one-half of the middle bed, an area of about 250 square feet, and the fine large red fruit looks "just good enough to eat." The varieties grown are Ignatum, Ithica and Perfection. About one-half of the side bed is devoted to cucumbers. The varieties Sim House and Telegraph are seen here. One cucumber recently picked measured about twenty inches in length. A large part of the middle bed is devoted to lettuce and the boys think it not a bad addition to our boarding house dinners. Different amounts of space are devoted to the radishes, beans, etc. Much of the work done in the house this winter is in the experimental line, the experiments being made in varieties, crosses, etc. The results of these will be published in the Experiment Station Report. The flowers must not be overlooked, hayacinths, tulips, primroses, mignonette, geranium, calla lily etc., are among them, and greet the visitor with their pretty faces and sweet fragrance.

PERSONALS.

In the Militia Company that was called into service at Roanoke, Va., to quell a mob caused by the lynching of a negro, were three old officers of the Coburn Cadets. Ex-Capt. Bird in command, Ex-Capt. Cushman and Ex-Lieut. Coffin. The manner in which Capt. Bird handled his company was complimented very highly by

many old soldiers who were in the ranks for that night.

'72.—Geo. E. Hammond is a civil engineer, located in Elliot, Me.

'75.—The wife of Mr. Solomon W. Bates, recently died in Washington, D. C. THE CADET extends its sympathies to the bereaved.—Lewis F. Coburn is practicing law in Yreka, Cal. He is a member of the Republican State committee and was his party nominee for the legislature last fall.—Edward D. Mayo is mechanical engineer for Barnett & Record in Minneapolis, Minn.—Luther W. Rogers is in the wholesale commission business in Atlanta, Ga.—Geo. W. Shaw is an attorney in Oakland, Cal.

'76.—Mr. Geo. J. Moody, of Montesano, Washington, was recently united in marriage to Mrs. Myra L. Lawton, of Gardiner, Maine. Mr. and Mrs. Moody will reside in Montesano. The CADET extends congratulations.—Fred M. Bisbee is general roadmaster for the G., C. & S. F. R. R., Cleburne, Texas.—Oliver Crosby is President of the American Hoist and Derrick Co., St. Paul, Minn.—Luther R. Lothrop is chief engineer of the Lower Laurentian Railway, St. Paul, Minn.—Frank R. Reed is a civil engineer in Auburn, Me.

'77.—Geo. E. Sturgis is one of the principal stockholders in the Northrop and Sturgis Co., manufacturers of soda and mineral waters, Portland, Ore.—Chas. E. Town is U. S. mineral surveyor in Rocky Bar, Idaho.

'78.—Mrs. Emma Brown Gilman is Supt. of Schools in Enfield, Me.—Andrew J. Caldwell and Frank J. Oakes are engineers for Henry R. Worthington, New York, N. Y.—Winfield E. Tripp is practicing law in Iron River, Wis.

'79.—G. P. Merrill has published a book on building stone, which has been adopted by Cornell University and Boston School of Technology.—David A. Decrow is hydraulic and mechanical engineer for the Holly M'fg Co., Lockport, N. Y.—Willis E. Ferguson is proprietor of the Lemona Ranch Nurseries, Glendora, Cal.—John W. Meserve is engineer and supt. of the crane department of the Yale and Towne M'fg Co., Stamford, Conn.—Chas. A. Morse is resident engineer of the A., T. & S. F. R. R., at Pueblo, Col.—Mr. L. F. Goodale has been

appointed Chief Engineer of the St. Louis, Keokuk & Northwestern R. R. and the Chicago, Burlington & Kansas City Ry. He will be located in St. Joseph, Mo.—A New York paper recently offered a prize of a gold watch to the woman who should send in the best essay on George Elliot's favorite heroine, Maggie Tulliver. Mrs. Percia V. White, of Orono, was one who took high rank in the list of those receiving honorable mention. Mrs. White's short stories are among the best published by the *Portland Transcript*.—The friends of Arthur L. Moore extend their sympathy to him upon the recent death of his father, Hon. Luther S. Moore, of Limerick, a former trustee of the Maine State College. He had been a member of both branches of the State Legislature and was President of the Senate in 1854.

'80.—Franklin R. Patten is an assistant engineer on the B. and O. R. R., located at Pittsburg, Pa.

'81.—Oliver C. Farrington is at present teaching at Cape Elizabeth, Me. He received the degree of Ph. D. from Yale Univ., last commencement and accepted a position in the Lake Forest (Ill.) University, but a serious illness from which he has only recently recovered, prevented his entering upon the duties of the position.—Aldana T. Ingalls is one of the Fern Hill Mining Company, operating at Placer, Mon.

'82.—Alonzo T. Hurd is practicing medicine in Somers, Conn. He received the degree of M. D., from the University of Vermont in 1891.—Daniel C. Woodward is at his old home in Winthrop, Me.

'83.—Jennie C. Michaels is teaching in Phoenix, Arizona.—Irman W. Patten is a civil engineer in Sioux Falls, S. D.

'84.—Joseph G. Kelley is a Consulting Drainage Engineer, located at Eugene, Oregon. He has designed and built systems for Roseburg and Eugene, Oregon, and for Boise City, Idaho. \$50,000 is being expended in the latter place under his supervision.—Elmer E. Hatch is a wool grower and sheep raiser in Etchetah, Mon.

'85.—Wm. Morey, Jr., is examiner of surveys in the general land office, Washington, D. C.

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'86.—Irving B. Ray is in the grocery business at 103 Cambridge St., Boston, Mass.

'87.—John H. Burleigh is one of the engineers of the Newton, Mass., sewerage system.

'88.—John R. Boardman is city editor of the *Daily Kennebec Journal*, Augusta, Me.—Nath'l E. Wilson is chemist at the Nevada Agricultural Experiment Station at Reno, Nev.

'89.—A. H. White, with the firm of Roebling Bros., New York City, has had charge, the past winter, of the erection of a tramway at Howland. It is the second largest tramway in the world and was furnished by the firm which Mr. White represents.—Jere S. Ferguson graduates from the Medical Department of the University of New York on March 31. Mr. Ferguson is one of the Executive Committee, one of seven officers in a class numbering about two hundred.—J. Willard Edgerly, of Princeton, is one of the civil engineers employed by the Maine Shore Line R. R.—Nellie W. Reed is teaching in Berlin Falls, N. H.—Mark E. White, of Ashland, Me., is one of the engineering corps of the Bangor and Aroostook R. R.

90.—Mr. E. L. Morey has left the employ of the American Bridge and Iron Co., and has obtained a position with the Norfolk & Western Railroad, in their offices at Roanoke, Va.—E. H. Kelley has a position on the editorial staff of the *New York Evening World*.—Geo. M. Pillsbury recently spent a six weeks vacation at home. Quite extensive repairs were being made at the pulp mill with which Mr. Pillsbury is connected.—Frank O. Andrews is draughting for the Lockwood Mfg. Co., East Boston, Mass.—Fred T. Dow is principal of the Government Technical School in Montserrat, West Indies.—Paul F. Reed is in the sheep business at Flagstaff, Ariz.

'91.—Wallace R. Farrington has resigned his position on the *Bangor Daily News* and accepted a position on the *Kennebec Journal* located at Waterville. He has charge of the Waterville locals.—Fred C. Moulton is chemist for the Standard Coal Co., Hiram, Me.—Wm. N. Patten is a civil engineer in the employ of Edw. A. Buss, Boston, Mass.—Geo. E. Thompson, of

Orono, is on the engineering force of the B. and A. R. R.—John W. Steward is a member of the firm of Steward Brothers, millers, Skowhegan, Me.

EXCHANGES.

It may be no more than fair to state that in the absence of the chief of this department the work of criticising and commending falls to those less experienced.

The *Polo Alto*, for December, has an article on the value of the higher education, by David Starr Jordan. His advice is, "Boys go to college." A well spent college course is one of the greatest helps to all good things.

The students of the Leland Stanford Junior University have founded a co-operative association for the transaction of a general mercantile business, to be conducted for the best interests of the students. They have accepted a constitution which provides that a charter shall be obtained from the state. That means business and an enterprise that would not be a bad idea for the students of the M. S. C.

Why is a man climbing Vesuvius like one trying to kiss his girl. They are both trying to get at the mouth of the "crater."

"I have a weight upon my mind,"

I overheard him say.

"That's good," said she, "'twill keep the wind
From blowing it away."

"My daughter," and his voice was stern,

"You set this matter right.

What time did that Sophomore leave the house
Who sent in his card last night?"

"His work was pressing, father dear,

And his love for it was great;

He took his leave and went his way
Before a quarter of eight."

Then a twinkle came in her bright eyes,

And her dimples deeper grew.

"Tis surely no sin to tell him that,
For a quarter of eight is two."

The University of Texas has received a library of 38,000 volumes referring to China, valued at nearly \$150,000, from Tank Kee, a Chinese lecturer.

Yale will soon have a new dormitory, costing about \$125,000.

The fourth Greek letter society among the young ladies of Cornell University has been formed recently.

Nearly sixty per cent. of the highest offices in the country are held by college graduates.

It is proposed to unite Columbia College, the University of the City of New York and the Union Theological Seminary under one name and management.

At the University of Pennsylvania the cane-rush has been abolished, and athletic contests between the Freshmen and Sophomores of the College Department substituted for it.

Five colleges and universities now publish daily papers, viz., Yale, Harvard, Michigan, Cornell and Brown.

CLIPPINGS.

TWO COMMON ERRORS.

We read in the proceedings of a London society that the people of a certain island off the coast of Java live principally on cocoa, meaning coconut, while the truth is they have none of the cocoa, meaning the seed from which chocolate is made. Some stuttering old traveller, many years ago, came home and told of the well-known nut of the cocos, and his error has persisted, as errors are wont, until we have in the English language "cocoanut," "cocoa," "coca," "coco," and a host of derivatives all confused by this misspelling of the old palm nut, which was originally named, it is said, because of its resemblance to the face of a monkey, in Portuguese *coco*. The botanical name is *cocos nucifera*, and in the Romance languages the final *a* has not appeared. When it crept into the English use it is difficult to say; some of the early voyagers write "coco," others "cocos." At the present day many writers correct the error, and a little firm proof-reading might banish it at least from American literature. Coconut is the fruit of the palm; cocoa

is the seed of the cacao, or chocolate; coca, the principal extract of the leaf of the Erythroxylon coca; while coco is the name given in the West Indies to the root of an aroid.

The other error is of a different kind, but more gross. We are, in this country, enjoying a system of "penny postage," and yet we see calls for what already exists. We see these in the newspapers which have the largest circulation in the country. Why should we use penny when we mean half-penny, any more than dollar when we mean fifty cents? We have an American coin called a cent, and yet these newspapers apply to it the name "penny," which is a value of two cents. Even the latest importation from Ireland knows better, and calls, "Rekkid a cint," never "Rekkid a penny."

William T. Brigham, in The Writer.

FEATURES OF AMERICAN HANDICRAFT.

Rapidity of execution, not fine work, is the distinguishing feature of all American handicraft. American carpenters and wood workers do more good work in a given time than any of their brothers of other lands, but it does not have the faultless neatness of the product of Chinese and French artisans. The Chinese, for instance, make chairs, cabinets, and even houses without the use of a single nail, and every piece of wood is fitted to its place with hair-line exactness. It is not considered extraordinary in China to spend three years in the construction of a single bedstead.—*Chicago News.*

PENSIONS

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7-1-

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.....W. H. Atkinson.
V. G. M.....R. C. Clark.
Cor. Sec'y.....A. T. Jordan.

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

Meetings every Friday night in Chapter House.

Pres.....R. H. Fernald.
V. Pres.....John Jerrard.
Cor. Sec.....H. P. Gould.

Psi Chapter of Kappa Sigma, Maine State College.

Meetings every Friday night in Chapter Hall.

G. M.....F. S. Tolman.
G. M. C.....C. M. Randlette.
G. S.....G. H. Hall.

Me Beta Upsilon of Alpha Tau Omega.

Meetings every Friday night in Chapter Hall.

W. M.....J. A. Tyler.
W. C.....E. W. Danforth.
W. K. E.....S. M. Timberlake.

Reading Room Association.

Pres.....J. C. Gibbs.
V. Pres.....J. W. Martin.
Sec.....G. W. Harvey.

Coburn Cadets.

Second Lieutenant, Mark L. Hersey, 9th U. S. Infantry, Commanding.

Cadet R. H. Fernald, Major and Commandant.
Cadet W. C. Holden, First Lieutenant and Adjutant.
Cadet F. S. Tolman, First Lieut. and Quartermaster.

Co. A.

Captain, W. E. Keith.
First Lieut. W. E. Healey,
Second Lieut. G. F. Atherton,
Third Lieut. W. R. Butterfield,

Co. B.

M. L. Bristol,
C. M. Randlette,
A. C. Grover,
G. P. Maguire.

Geo. H. Hamlin Hose Company.

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.....M. L. Bristol.
V. Pres.....A. F. Jordan.
Cor. Sec.....W. C. Holden.

M. S. C. Publishing Association.

Pres.....H. E. Doolittle.
V. Pres.....G. W. Hutchinson.
Sec.....J. A. Alexander.

Base Ball Association.

G. M. Freeman.....Pres. and Manager.
S. M. Timberlake.....V. Pres.
J. C. Gibbs.....Sec.
M. E. Farrington.....Treas.

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Vol. 6, No. 6, 1 y.

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