## THE

# Normal College Echo

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Vol. 1

ALBANY, N. Y., NOVEMBER, 1892

No. 4

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ALBANY, N. Y.

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THE

### NORMAL COLLEGE ECHO

PUBLISHED MONTHLY BY THE STUDENTS.

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#### Board of Editors.

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G. C. Streeter, '94. Anna Brett, '93.
E. E. Race, '93. Alice H. Hall, '93.
Merritt E. Newbury, '93, Financial Editor.

Contributions and items of interest are earnestly solicited from students, graduates, and others.

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ALBANY, N. Y., NOVEMBER, 1892.

THE growing demands of the new education—the necessity for thorough and systematic instruction in pedagogics—are being recognized as more imperative each year by the colleges and universities of our land.

The work has been entered upon to such an extent within the past few years that it may fairly be said that the study of education has been established in the United States. Columbia, Michigan and Cornell have been at work in this line for some years. Johns Hopkins seems to be building up such a department, having had for two years very successful series of lectures on the art and theory of teaching, delivered by eminent specialists.

We understand the experiment in the same direction at Harvard has given satisfaction. At our own institution, which is *entirely* devoted to this department, the work is being extended, the requirements are being made greater, the instruction more thorough; consequently the results are more marked and our teachers in greater demand each year. Here not only instruction is given on the theory and science of the work, but the practical application of the theoretical is added, thus offering fine advantages to those who intend to follow the profession of teaching.

THE Harvard Graduates' Magazine makes its appearance in the form of an attractive quarterly of 176 pages. Its object is to procure and insert in its columns "whatever is of interest to Harvard men in connection with their university: whatever will add to the value of the life which began at the university and still expresses itself through classes, clubs and alumni associations; whatever would raise and broaden the ideals of the university itself." The various articles in this the first number show how high an ideal the editors have placed before themselves for their magazine, which, indeed, seems to leave nothing uncovered which connects the Harvard man with his college and What the Graduates' college associations. Magazine will be to the Harvard man in this respect we hope to make our publication become to the alumni of our own institution. We have already expressed our intention and desire of publishing a paper not only of interest to the students, but one which would reach the graduates, bringing them into closer thought and feeling with their alma mater. Quite a number have already manifested their appreciation of our efforts by sending in a year's subscription. We confidently expect a still greater number will show their interest in the same substantial manner.

WE are pleased to note that the young men of the college have banded themselves into an organization for the purpose of drill in vocal music. It is an effort worthy of support. We feel that it should receive the recognition and endorsement of every young man in the institution. We have among us a number of excellent singers, and if sufficient interest is manifested this movement may be but the beginning of a regularly organized glee club, as we find at all our colleges. Such a club, if it could be maintained, would be of benefit in many ways. We hope for success in any effort of the organization.

A LARGE number of the young men manifested their patriotism and devotion to their country's welfare by going home to vote. Some, while they had their country's interest at heart, remained in the city and did not vote. Still others expressed great regret that they had not yet arrived at that "longed for age." Party strife and feeling did not manifest themselves in any unpleasant way, yet many were the quiet expressions heard the day following election, showing the satisfaction a few felt over the result.

IF it were not for the fact that we all so well know examination week has passed, we could hardly realize that one quarter of the school year has already gone and that the Thanksgiving recess is so near at hand. Many of the students are planning to spend the few days at their homes. To all of our readers we extend the wish for their enjoyment of the day, the blessings of the season and the "feast of good things."

## COLLEGE SOCIETIES: THEIR ORIGIN, AIM AND EFFECT.

IN speaking of college fraternities, Chauncey M. Depew says: "Fraternity is needed in these days of isolation. Only in youth are the warm friendships formed that never die."

Much of this same feeling must have dominated the purpose of those pioneers of fraternity movement, the five students of William and Mary college who, in 1776, united their social interests and laid the foundation for the widespread society system of the present day.

In that year the Phi Beta Kappa fraternity began its career in the same room in which Patrick Henry's eloquence aroused the heroes of the Revolution. Here the constitution was read, announcing as the underlying principle and object of the work of the new society, "friendship as its basis, benevolence and literature as its pillars."

This, however, was not the earliest attempt at union among college students. In 1769 Whig Hall was founded at Princeton by James Madison, and Clio Hall, at the same place, was founded by Oliver Ellsworth, before the Phi Beta Kappa had its beginning. These are the only vigorous survivals of the old literary societies which still drag out an existence in some of the older colleges.

The interest and support of the college men of to-day are centered chiefly in the two remaining classes of secret societies, the first of which is the local institutions of Yale and Harvard, represented by the "Skull and Bones," and the "Scroll and Key," of the former, and the "Hasty Pudding" and "Porcellian" clubs of the latter. The second class comprises the Greek letter fraternity system, which through its chapters makes of the nebulous interests of college life a perfected sphere in which each molecule has its place and office.

The three leading representatives of the second class are the Delta Kappa Epsilon, founded at Yale in 1844, having nine thousand members, representing thirty-two chapters, in

nineteen states; the Psi Upsilon, founded at Union in 1833, including nineteen chapters in ten states, and sixty-six thousand members; and the Alpha Delta Phi, founded at Hamilton in 1832, with a membership nearly as large.

It may be interesting to note of the members that they have been found in every possible profession in every state and territory of the union. In an account published in 1885, we find that the Alpha Delta Phi, the Psi Upsilon and the Delta Kappa Epsilon had furnished senators and representatives to the number of thirty-nine, twenty-five and thirty-six, respectively. In the pulpit, the field of literature and public life, we find the following famous names enrolled in the books of college societies: R. S. Storrs and Phillips Brooks, J. R. Lowell and G. W. Curtiss, Presidents Garfield and Arthur, and Robt. L. Lincoln.

In considering the aim of societies, it would seem that the primary object was to provide for the social needs of the student. That "man is a social being" cannot be denied, yet the curricula of most schools and colleges ignore entirely this phase of his character, and consider merely his kaleidoscopic capacity for facts. This lack the society, with its atmosphere of good fellowship and its common interests, seeks to supply, but it has also another destiny to fulfill.

It should afford that opportunity for the writing and speaking which are so neglected in college work, and when a society is of a literary character it is a most effectual means of training in these lines.

The stimulus of criticism, the clashing of opinions, the contact with intellects superior to our own, are acknowledged to be an impetus to clear thought and expression, and it is the society in college life which possesses that impetus in the highest degree.

In our own college there are four societies which are bravely sustaining the work—the Philomatheons, the Independent Order of Normals, the Phi Delta and the Delta Omega. To them, in closing, we extend congratula-

tions upon the success which has hitherto attended their efforts, with sincerest desire that it may continue in yet greater measure in the future.

LILLIE PAYNTAR.

Nov. 7, 1892.

#### COLLEGE EDUCATION IN FRANCE.

A N American student visiting France would certainly like to become acquainted with the schools of a sister republic, and chiefly with her colleges. Some of these colleges are private, — conducted by priests, and being, to a certain extent, under the control of the state. The instruction given there equals, in a few cases, that given in the *lycées*, or colleges of the state, but has never surpassed it since the actual régime of public instruction was established in France.

The University of France, which has at its head the minister of public instruction, now Monsieur Bourgeois, includes the whole system of schools of the country, and may be compared to a great army, the army of enlightenment, of which the first grade is that of Bachelor. It is the diploma of Bachelor that the young Frenchman endeavors to get in the colleges and *lycées*.

The instruction given in the French lycées does not differ materially from that given in the American colleges, but the difference in the spirit which rules the schools in France will strike the foreigner at once. To what is this difference due? Chiefly to circumstances. The young Frenchman, leaving the paternal roof for the first time, is at once placed in a community of school-fellows, all ruled by the same laws. The discipline is not more severe there than here; during the hours of recreation, the pupils may give themselves up to their favorite sport, - ball, football, ninepins, croquet and sometimes billiards. Within a few years even lawn tennis, this essentially English sport, has been adopted by most Parisian lycées. But in spite of this, the French education seems too severe to an American. Day by day the teacher leads the young man to understand that it is his duty to work while

at college, not for his own sake only, but in order to become a useful citizen. In a word, to become a citizen of the republic is not a right, but a privilege, of which he must become worthy. Indeed, so thoroughly and effectively has this idea been taught in the French schools that the law declares the right of participating in the elections forfeited by any one who has merited condemnation for any crime, great or A circumstance which may also have much influence upon the education in France is the obligation of the military service for every young man. Gymnastics and military exercises are considered of very great importance in the French colleges. They are obligatory, for the reason that at his going out of the lycée, the young man is usually called under the flags. There his experiences shall continue; he learns to be sociable by a constant contact with others, and to recognize men's rights before their duties; the equality of men, as well as their respect to authority, their subordination to discipline. The fatigues and the trials of the military life are not pleasant for every young man, but if it is true that a mother loves her child just because he has been a source of suffering to her, the young collegian, after accepting the trials of the regiment life, for which his years of college have been a preparation, has learned to love his country better, and is ready to serve her as a citizen.

Whatever may be the points on which the opinion of the students of America and of France differ, there are some on which they will always agree. Both work in order to be useful, and those who intend to devote themselves to teaching, know that they are to inculcate in the rising generations, besides the notions of the good and the beautiful, those of the true, without which a human being cannot be happy. They know that bringing them forth to life and virtue is not sufficient; they desire also to bring them forth to happiness.

DANIEL JORDAN.

#### THE RECEPTION.

THE endeavor of the class of '93 to enliven its mid-term reception by way of adding something of entertainment, seems to have been justified by the results.

Thanks to the good taste of the decorating committee, the rooms themselves in which the reception was held took on a most inviting appearance. The decorations were chiefly of bunting and potted plants, the class color (pale lavender) being conspicuous about the rostrum.

A spirit of sociability arrived with the earliest guests, and every new-comer brought with him a share of the same good spirit. This continued until a most cheerful hum of conversation filled the hall.

A piano solo announced by President Howell secured perfect quiet from his auditors. After this the numbers of an interesting program were announced in order. So pleasing were these literary exercises as to make the program seem shorter than it really was.

Misses Duncan, Daly, and Payntar were heard in literary selections. Did they please? Well, if smiles, merry laughter and liberal applause count for anything, we should say they did. Miss Pratt and Mr. McFarlain sustained the vocal parts. These were as cordially received.

Conversation was then resumed; all returning to continue their interested inspection of the many articles constituting the "Art Loan."

Devices and maps illustrating the progress of students in the "History of Pedagogy" reflected the painstaking care and skill with which that class is conducted by its efficient professor, Miss McClelland. In this department Miss Corney's work was especially artistic. Mr. Woodard exhibited "8th Grade Science Work" with a device which was a happy combination of pedagogical instinct, wit and artistic taste. Mrs. Mooney exhibited a collection of bric-a-brac from foreign countries visited by her.

But what means this exodus to the library?

We take a peep. The long table extending through the room is covered with drawings, paintings and other art-work—an exhibition in itself. The very arrangement is artistic, until the articles are taken up by the pleased beholders for closer inspection. An animated and charming brunette, as she presses her way into the library, gives expression to her surprise and delight by exclaiming: "Miss Stoneman's work—how beautiful!"

#### OBITUARY.

WHEATON A. WELCH, '55, suddenly at Brooklyn, N. Y. For twenty years he had been principal of public school No. 35, one of the largest and best of Brooklyn's excellent schools.

Harriette Matthews, '72, died at Trenton, N. J., Oct. 20, 1892. For twenty years she had taught psychology and grammar in the New Jersey State Normal school, and was a woman of "superior intellectual ability, strong moral worth and great force of character."

Miss Flora Frink, class of Feb., '92, died at her home, Richfield Springs, of peritonitis. The funeral was held from her residence Nov. 6.

#### AUTUMN LEAVES.

" PROBABLY not one person in a thousand knows why leaves change their color in the fall," an eminent botanist is quoted as saying. "The common and old-fashioned idea is that all this red and golden glory we see now is caused by frosts. A true and scientific explanation of the causes of the coloring of leaves would necessitate a long and intricate discus-Stated briefly and in proper language, those cause are these: the green matter in the tissue of a leaf is composed of two colors, red and blue. When the sap ceases to flow in the fall, and the natural growth of the tree ceases, oxidation of the tissue takes place. Under certain conditions the green of the leaf changes to red; under different conditions it takes on a yellow or brown tint. The difference in color is due to the difference in combination of the original constituents of the green tissue and to the varying conditions of climate, exposure, and soil. A dry, cold climate produces more brilliant foliage than one that is damp and warm. This is the reason that American autumns ars so much more gorgeous than those of England. There are several things about leaves that even science cannot explain. For instance, why one of two trees growing side by side, of the same age and having the same exposure, should take on a brilliant red in the fall and the other should turn yellow; or why one branch of a tree should be highly colored, and the rest of the tree have only a yellow tint, are questions that are as impossible to answer as why one member of a family should be perfectly healthy and another sickly. Maples and oaks have the brightest colors."—Christian Union.

#### ORGAN RECITAL.

THE eleventh complimentary organ recital was given by Professor S. B. Belding to the faculty and students of the State Normal college at the First Reformed church, Saturday, Nov. 19, at 4 o'clock P. M., assisted by Miss Eva Gardner, soprano.

PROGRAM.

| GRAND CHOEUR (in D major) Guilmant                  |
|---|
| FUGUE, G minor, bk. IV, No. 7 Bach                  |
| (a) THE VILLAGE HARVEST HOME Spinney                |
| Andante, Echo, Allegretto (rustic music approach-   |
| ing), (Chorale, Maestoso). Rustic music in the dis- |
| tance—and approaching as before, closing with the   |
| first subject.                                      |
| (b) ENTR' ACTE GAVOTTE, from Mignon Thomas          |
| OVERTURE—Masaniello Auber                           |
| (a) SOPRANO SOLO — I will Extol Thee Costa          |
| Miss Gardner.                                       |
| (b) { ELEVATION (in E major)                        |
| (0) DAYBREAK  |
| PARAPHRASE—Air: Du Roi Louis XIII Chwatal           |
| FANTASIE—La Fille du Regiment Donizetti             |
| TANNHAUSER—Transcription                            |

FIRST MOVEMENT. Representation of a quiet Summer day.

\*THUNDER STORM (requested).

SECOND MOVEMENT.

A party of Peasants are supposed to be dancing in the open air to the music of a Scotch bag-pipe. They are suddenly interrupted in their mirth by the muttering of distant thunder. The storm increases in violence, then gradually diminishes until it subsides entirely.

The storm having abated the Peasants are heard singing the "Vesper Hymn" as a token of thanksgiving for safe deliverance from the tempest.

\*During the storm may be heard the chirping of frightened birds, the lowing of cattle and a general confusion which usually attends a thunder storm.

#### A THANKSGIVING.

LORD, for the erring thought Not unto evil wrought; Lord, for the wicked will Betrayed and baffled still; For the heart from itself kept; Our thanksgiving accept.

For ignorant hopes that were Broken to our blind prayer; For pain, death, sorrow—sent Unto our chastisement; For all loss of seeming good: Quicken our gratitude.

E. E. R.

#### MY LADY.

I'D sing my lady's eyes, but who would dare To storm a fortress wherein Cupid lies? Her tresses brown, alas! from every hair Some one of Cupid's poisoned arrows flies. I'd sing her lips, but 'twixt the lovely pair Is Cupid, breathing forth voluminous sighs. I'd sing her cheeks, but no, their colors fair Sir Cupid painted with his magic dyes. But why dread I sweet Cupid's venomed dart When 'tis already buried in my heart?

R. M.

#### THE LEAVES.

Upon the trees,—
When in their verdant garb of summer clad;
When not a trace of wintry storm remains,
And sunshine makes the face of nature glad,—

Behold the leaves.

Some dance in golden sunlight all their days,
While others, born in darkness or in shade,
Know naught of gladness or the sun's bright rays.

But Autumn's come—
A presager whose pure but chilly breath,
To all the leaves, whate'er their station be,
Imparts alike a gorgeous hue of death.

The summer sun
Recedes before November's bitter blast,
Which whirls the leaves, the happy and the sad,
All to one common resting place at last.

C. A. WOODARD.

For the ECHO.

#### CAIN'S WIFE.

THERE did he get her? Who was her brother? Had she a sister? Had she a mother? Was she pre-Adamic-Born before history— With her identity Shrouded in mystery? Maid of Phœnicia, Egypt, Arabia, Africa, India, Or sun-kissed Suabia? Who was her father? Was he a viking, Cruising about Just to his liking: Out of the whenceness, Over the water, Into the whereness Bringing his daughter? Native of Norway, Denmark or Sweden? Lured by the charms Of the garden of Eden? Blonde or brunette? Rounded or slender? Fiery or frigid? Haughty or tender? Why are her graces Unknown to fame? Where did Cain meet her? What was her name? Whisper it softly-Say, can it be The lady we seek Was R. Haggard's "She"? Tell me, ye sages, Students of life, Answer my query: Who was Cain's wife?

#### DOUBT.

IF I but knew there was a God,
A God who made this lovely world,
And gave to man his wondrous mind,
Then I could love him, oh, not half enough.

Ah! doubting one, thou knowest then of love?
And love is all thou hast to give? E'en love thy all?
Then know thy all is God, for "God is Love."

ELIZABETH M. SHERRILL.

#### ECHOES.

THE editorial pen is endeavoring to make a remark about the weather. If a mention of that topic should be found within these pages, we beg our readers to consider it involuntary on our part.

Here endeth the first of the four chapters of the year's record.

'Tis the season of crysanthemums.

The weird festivity of All Hallowe'en, with its mystic rites, was duly celebrated. Having sacrificed to the gods of destiny, our fates for the coming year were revealed at the witching hour of twelve.

The proclamation announces that November 24 is to be observed this year as Thanksgiving day.

Although quite late in the year, new students are still entering the college.

The campaign of '92 is a thing of the past. Already it is losing its interest, especially for Republicans. The two leading factions have buried the hatchet of free-trade, but have buried it where they can find it again without much trouble in '96.

Miss Marie George and Miss Lucy Smith, alumnæ of '92, attended the senior reception.

E. E. Race was appointed one of the board of editors to fill the vacancy occasioned by the resignation of Miss Julia Hall.

Examinations were prominent among the giddy festivities which marked the closing of the first ten weeks.

Miss Balcom has returned, after an illness of several weeks.

Many of the students went home Tuesday, November 8, to cast their "maiden" votes. Those who had not yet reached the qualifying age attempted to conceal the humiliating fact by making their presence in the city as inconspicuous as possible.

Miss Ironside, of the high school department, has left the college on account of ill health.

If any one contemplates building a house, and wishes valuable information in regard to its plan, let him apply to any member of the Sanitary Science class.

Students taking the classical course have received an invitation from Professor Scudder to join a Latin seminary class. The object is to pursue a university course in Latin subject matter. The class is to meet every Saturday, thus enabling any one to join. Doubtless many will avail themselves of this excellent opportunity.

Nobly have students responded to our pathetic appeal for poetry.

It is reported that many of the college men are suffering from serious throat difficulty, as a natural result of the active part taken by them in the campaign.

Several of the students attended the foot ball game at Ridgefield, between the bankers and brokers and the Albany high school.

Saturday afternoon, November 19th, Prof. Belding gave an organ recital at the First Reformed church to the faculty and students of the college. The music was of the high order which characterizes all of Prof. Belding's recitals, and the comments of the audience were exceedingly flattering. The program appears in another column.

In some of the western states cooking has been introduced in the high schools as a regular subject. This must soon necessitate "methods in cooking" becoming a part of the normal course. As Ohio seems to be the leading state in this movement, let this be a friendly warning to those students who have secured positions in that state.

Miss Velna Case has left the college, owing to ill health.

The class color adopted is a pale shade of lavender, and the class flower, the English violet.

Miss Bolton, June, '92, is teaching at Patchogue, L. I.

The members of the class are considering the question as to whether or not they will adopt caps and gowns for graduation.

Miss Esther Bush, June, '91, is engaged to be married to her principal at Southold, where she is now teaching.

Mr. McLaurey, '91, who went west immediately after graduating, is now teaching at Setanket, L. I.

Mr. L. J. Cook, June, '92, is teaching at Centre Moriches, L. I.

Mr. Geo. P. Allen, '92, now teaching on Staten Island, was in town for a few days preceding election.

Mrs. Bliss spoke before an institute Tuesday, November 17th, at Liberty, and the 18th at Monticello, giving a lecture in the evening; subject, "The Little Child."

Mr. Burton B. Parsons spent Sunday at his home in Wayne county.

Oscar A. Archer, a graduate of the class of '51, was president of the day at the Columbian celebration in North Adams, where he is now residing.

Hon. Darwin G. Eaton, A. M., Ph. D., formerly a professor in the Normal school, was in attendance at the Presbyterian synod last month in this city.

L. B. Barber, of the class of '91, made a short call at the college a few days ago. Mr. Barber taught last year in the Institution for the Blind in New York city. We were glad to see his face again and also to take his subscription for the Echo.

Miss Dockstader, June, '92, was at the college November 12th.

Miss Rena Young, who graduated last June, is now very ill at her home, Belleville, N. Y. We are in hopes to hear of her recovery very soon.

The Albany Camera club gave an exhibition in the college chapel, Wednesday evening, November 9th. Prof. Wetmore is a member of the club.

Prof. Bartlett was obliged to hold two of his examinations Monday afternoon.

Several of the students who attended the High school last year, are this year in attendance at the Albany Business college.

The graduating class has organized and elected the following officers:

President — Alfred V. B. Howell.

Vice-president — Mary E. McFarland.
Secretary — M. Lillian Duncan.
Treasurer — Fred M. Rogers.
Orator — Edward P. Rieman.
Prophet — Frances Coleman.
Historian — Jessie I. Marble.
Declaimer — Carlos E. McFarlane.
Poet — C. A. Woodard.
Toastmaster — George R. Greene.
Valedictorian — Martha E. Hunt.
Executive Committee — Robert G. Patrie, Alice J.
Drake.

Those of the faculty present at the reception given Saturday evening by the graduating class, were President Milne, Prof. Bartlett, Prof. Husted, Prof. Jones, Misses Stoneman, McClelland, Isdell, Hannahs, Sewell and Mrs. Mooney.

We received a few days ago a copy of the *Vidette*, published monthly by the students of the Illinois State Normal university. It is a meritorious publication and maintains admirably the high standing of the institution from which it comes. We clip the following from its columns: "Among our new arrivals is The Normal College Echo of Albany, N. Y. It has high literary merit and will, no doubt, become a pride of the school which it represents."

Miss Christiana H. Lawson, '86, sailed, November 11, for Bombay, India, as a missionary under the auspices of the Women's Foreign Missionary Board of the Methodist church. She sails by the way of Scotland, the land of her birth, from whence she will join a company, *en-route* for Bombay, at London. Miss Lawson called at the college a few days before she sailed, which fact testifies to her interest in her *alma mater*.

Miss Buffum, '92, called at the college Thursday, the 18th.

Prof. Hoyt, who succeeded Prof. Wetmore at the American college at Constantinople, now a professor in Auburn Theological Seminary, formerly a professor in Hamilton college, visited the college November 14.

Superintendent Griffith of Utica spent part of November 15 visiting the several departments of our institution.

The young men of Chicago university have been offered the privilege of wheeling the wheel-chairs at the Columbian Exposition next summer. Undoubtedly some of the students will avail themselves of the offer.

A new society has been organized by the students of the High school department which is to continue as the I. O. N. Society. The following officers have been elected:

President — J. Hallenbeck Vice-president — Charles Kilpatrick. Secretary — William Morey. Treasurer — J. C. Borgardus, Jr.

Miss Catherine Day, '92, has entered Harvard Annex.

The annual reception of the alumni of this institution will occur December 30. The executive committee has selected a number of persons of prominence to take a part. We can only imagine the delight of these gatherings when, after many years of separation, classmate grasps the hand of classmate and the varied experiences are heard and told with much pleasure. A banquet will follow in the evening.

Through the kindness of Prof. Bartlett, a class has recently been formed to study forms and constructions of the Latin authors. The class meets once a week and it goes without saying that good work will be done.

We hope the students will look over our advertisements and make it a point to patronize those houses that patronize us. The success of any paper depends upon its advertisers, and recognizing this fact, if we wish to publish a paper worthy the institution from which it comes, our purchases will be made from *our* friends.

#### SCIENTIFIC NOTES.

THE Popular Science News for October reports in a very full and interesting manner the combined meetings of scientific societies at Rochester. Of notable interest to the general student were the sectional gatherings, in which were discussed the subjects of microscopy, geology and chemistry.

It is not often that a popular fad contributes in any manner to the advancement of scientific attainment, but a marked exception to this is found in the you-push-the-button-we-do-therest craze. With the increasing use of the camera by amateurs has come a decided advance in the science of photography, as a result of painstaking experiments on the part of those who were interested in it for its own sake, and not as a means of livlihood. Of great value to all interested in this science was the visit to the magnificent factory of the Bausch and Lamb Optical Company.

Ice and its action in earth formation furnished the chief theme of discussion to the geologists, while the presence and inspiration of the retiring president, Prof. Albert B. Prescott of Ann Arbor, aided in maintaining the interest of the chemical section.

A novel and interesting application of photography is made in some European cities, in the taking of the pictures of waifs and vagrants received at benevolent institutions and then presenting them, at the expiration of their sojourn, with this picture as a reminder of what they once were and of the good done them by the institution.

Waste Products.—Some striking facts in connection with the utilization of what used to be called "waste products" are cited in the *Pharmaceutical Journal*. As is well known, the ammoniacal liquor from gas-works has been for many years the chief source of ammonia, the annual production of sulphate of ammonia from that material being upwards of 100,000 tons. But more recently the liquors obtained in the distillation of shale have been

turned to account as a source of ammonia, and more than 25,000 tons a year of sulphate of ammonia have thus been obtained for some years past. The products of combustion from iron-furnaces have also been subjected to treatment, by which the ammonia contained in them has been obtained as sulphate of ammonia to the extent of about 6,000 tons a year, together with a quantity of tar. To such an extent has this proceeding been carried that in some instances the capital expended in plant for that purpose exceeds that devoted to the smelting operations. It is estimated that in Scotland alone nearly half a million of money has been expended in this way at iron-works.

#### ALUMNI NOTES.

AS far as possible we print the names of graduates of last June with their places of teaching:

#### COLLEGIATE GRADUATES.

| Alice M. Gilliland, | Ph.B   | Port Henry   |
|---------------------|--------|--------------|
| Inez R. Maxon       | Alfred | l University |

| CLASSICAL.            |               |
|-----------------------|---------------|
| Borroughs, Alice      | Haverstraw    |
| George, M. E          | Waterford     |
| Healy, Nettie M       | Silver        |
| Longwell, Elizabeth J | Ilion         |
| Mayhew, Carolyn H     | Sandy Creek   |
| McCormic, Grace E     | Sharon        |
| Mooney, Anna R        | Whitehall     |
| Paine, Bertha E.*     | Oneida        |
| Rennie, Sara G        | Woodside      |
| Simpson, Jessie L     |               |
| Smith, Lucy E         | Waterford     |
| Snyder, Eudora D      | Hornellsville |
| Westcott, Mabel L.*   |               |
|                       |               |

#### KINDERGARTEN.

| THE DISCOURT OF THE PARTY OF TH |
|--|
| Crawford, Francis M Cohoes   |
| Foster, Mary G.* Albany  |
| Lukens, Francis M.* Lansingburg  |
| Mosher, Agnes P.* Watertown  |
| Smith, Sara A Utica  |
|  |

#### ENGLISH.

| Adams, Mary L      | North Spencer              |
|--------------------|----------------------------|
| Allen, Florence E  | . Antwerp (Ives' seminary) |
| Angus, Jennie T.*  | Clyde                      |
| Babcock, Julia A   | Port Leyden                |
| Bailey, Edith A.*  | Near Croton Falls          |
| Bostwick, Flora M  | Conklinville               |
| Buffum, Florence C | Locust Valley              |
| Campbell, John H   | Conklinville               |
| Cornell, Lucy F    | Sandy Hill                 |
| Day, Katherine E   | New Brunswick, N. J.       |
| Dockstader, Ella   | Gloversville               |
|                    |                            |

| Dunlap, Mary E.* Watertown            |
|---------------------------------------|
|                                       |
| Eigenmann, Cora B Wallkill            |
| Ellis, Ada E Canandaigua              |
| Ellis, Ina M Canandaigua              |
| Everts, Ruth L Nutley, N. J.          |
| Fowler, Margaret J.* Newburgh         |
| Galatian, Luella * Newburgh           |
| Garatt, Jennie R Near Spencer         |
| Garatt, Elayne B East Orange          |
| Gibson, Hattie M Now married          |
| Gorden, Elizabeth L Not teaching      |
| Green, M. D Ellis Village             |
| Gregory, Luenda Wallkill              |
| Guy, Jennie M                         |
| Hahn, Alice L                         |
| Haines, OrmelleLockport               |
| Havens, Hettie L                      |
| Helfer, Clementine East Syracuse      |
| Higgins, Lillian S.* Bronxville       |
| Higgins, Liman S.* Bronxvine          |
| Houpt, Laura Little Falls             |
| Hudson, Anna M                        |
| Humphrey, Mary M White                |
| Hunter, Amelia W Athens               |
| Hunter, Helen R.* Newburgh            |
| Kellogg, Julia R Gloversville         |
| Kellogg, Marie A Nyack                |
| Kerins, Sade F Coxsackie              |
| King, Estella S Turin                 |
| Lampson, Lillian H Wallkill           |
| Lawton, Inez M Liberty                |
| Lee, Mary J Franklin, N. J.           |
| Lewis, Josephine Leonardsville        |
| Lynch, Mary E Cuba                    |
| Marvin, Ada B Washingtonsville        |
| Minty, Grace A.* Newburgh             |
| Morse, F. B Springs, L. I             |
| Myles, Sara E Not teaching            |
| Newburger, Leah Amsterdam             |
| Nichols, Alice I Lake Mahopac         |
| Paddock, Harriet S Canandaigua        |
| Persse, Mary S Minden                 |
| Pratt, Alice L.* LeRoy                |
| Roy, Cora R Buskirks                  |
| Royce, Anna M Addison                 |
| Scudder, Hessie L East Orange, N. J.  |
| Seaman, Almira Newburgh               |
| Sharpe, Harriett W Saratoga           |
| Smith, Margaret M Canastota           |
| Tallman, Maud H Canaseraga            |
| Thacher, Nellie K Wolcott             |
| Thompson, Jennie R Shelter Island     |
| Tracy, Lucy E Plattsburg (Normal)     |
| Traynier, Florence                    |
| Whitbeck, L. Belle Millbrook          |
| Woodworth, Lula M Trumansburg Academy |
| Wooster, Bertha S.* Amsterdam         |
|                                       |

<sup>\*</sup>Teaching at home.

#### Future Fees.

With happy eyes the clergyman
The village "school marm" sees,
For as she romps and flirts, he dreams
Of future marriage fees.

—The benediction and "class dismissed" never fail to arouse awakened interest.

#### FANCIES.

#### Of All Sad Words.

Of all sad words of tongue or pen Which torment the Normal wretch, None are so sad to me, I think, As these words: Write a sketch.

- —A chestnut table—the multiplication table.
- —Sentimental chemistry a woman dissolved in tears.
- —Straws show which way the cider goes, these autumn days.
- —A scrap of history—the quarrel between Brutus and Cassius.
- —A dull student is like the mills of the gods, for he grinds slowly.
- —Many people turn over a new leaf just to get the dirty side out of sight.
- —Earnestness is the key that unlocks the strong box of the nineteenth century.
- —The man who is wrapped up in himself generally makes a mighty poor bundle.
- —It may be of interest to our botanists to know that "society buds" bloom in the winter, tra-la.
- —Like talks best with like, works best with like, and enjoys best with like, and cannot help it.—J. G. Holland.
- —A man's ignorance may often be measured by the size of his words, and his poverty by the size of his diamonds.
- —School Teacher—Do hens sit or set? Johnny—By'n' by they will, but now they lay.
- —Furicus—There goes the light out! Funicus—I hope it will bring some oil when it comes back.

#### Fools Can Ask, etc.

Tommy—Teacher, may I ask a question? Teacher—Yes, Tommy.

Tommy—Where is the wind when it doesn't blow?

#### AMONG THE MAGAZINES.

A RICH variety characterizes \*Harper's for November. To show the irreparable loss of Mr. Curtis, the "Easy Chair" is draped. The third instalment of the hidious but interesting "Death Masks" is contrasted with the cheerful portraits of the article which precedes it on "The Architects of the World's Fair" with text by Mr.F.D. Millet. Mr. Theodore Child takes his readers "Along the Parisian Boulevards," but is scarcely so entertaining as Mr. Charles Dudley Warner in his account of "The Holy Places of Islam." The Kodak has captured Mecca and makes this a striking paper. "The Struggle for Oregon" and "The New Growth of St. Louis" are subordinate articles well treated. The Lowell lecture is on Massinger and Ford. There is considerable fiction but no poetry.

The chief article of *Scribner's* magazine for November is a transcript from unpublished papers found at Guernsey, entitled "Conversations and Opinions of Victor Hugo." Unlike many literary gleanings, these papers are strong and characteristic and worthy the name of Hugo. The frontispiece is a portrait of Hugo. Henry James writes in heavy English about "The Grand Canal" of Venice. Franklin McVeagh defines "Chicago's Part in the World's Fair." "Racing in Australia," is a realistic picture of sporting life in the land of horses. "Realistic Painting" is the subject of the third paper on "French Art." Mr. Kirk Moore describes "Sponge Fishing on the Florida Reef." All the papers are well treated. Another "Sketch of Western Town Life," by "Octave Thanet," and a novel, entitled "Miss Dangerlie's Roses," by Thomas Nelson Page, are of the high class which the authors' names lead to expect. The poetry of the issue is mediocre.

The November Century is one of the best of the year. The much mooted question of Biblical criticism is discussed under the caption "Does the Bible Contain Scientific Errors." The article lacks perspicuity and many will pronounce it a poor exposition of the "New Criticism." Bishop Potter's suggestions concerning "Some Exposition Uses of Sunday" are well considered and ably presented. "Reminiscences of Brookside Farm," by George Bradford, one of the communists, and "Plain Words to Workingmen," by one of them, are features which command deserved attention. A striking likeness of Francis Parkman, a fragment from the pen of Lowell, and Dr. Edward Eggleston's "Note on the Completion of Mr. Parkman's Work," combine to fitly celebrate the completion of a notable historical composition. Mrs. Burton Harrison's new novel, "Sweet Bells out of Tune," begins racily. The number also contains much good verse.

November's Cosmopolitan is worthy of its name. It contains something for every one. In the article entitled "Japan Revisited," Sir Edwin Arnold tells of the charms of peaceful Tokyo. Mr. Mathus Holyoake believes a "Cosmopolitan Language" practicable and recommends that a living tongue be selected by a conference of nations. Lewis M. Haupt shows how the "Growth of Great Cities" is naturally at the strategic points of transportation. John P. Holland contributes an optomistic article on "Aerial Navigation," in which he declares that the problem will be solved by the flying machine. "Two Studies of the South," by Brander Mathews, treats of the reasons for the lack of literature in the South in the ante-bellum days and the present evidences of new literary life. Murat Halstead describes Hamburg, made notorious by the cholera plague. A recent visit to Gladstone, at Howarden, by William H. Rideing, throws a side light on the character of "The Grand Old Man." "Education of the Common People of the South" is the title of an able article by George Cable. The topic is timely and from an authority on Southern matters. The number also contains good fiction, but very poor verse.

#### RECENT PUBLICATIONS

Thomas Carlyle. English Men of Letters series. By John Nichol, LL.D. New York: Harper & Bros. 75 cents.

The work of interpreting a period and reconstructing it to historical perspective, of reconciling the inconsistency of years into the unity of the epoch, is where each succeeding biographer of a celebrity may show his originality. Froude has furnished the requisite data for the story of Carlyle's life, but in his zeal for his master he defends many inconsistencies. The last biography of "The Seer of Chalsea" is more sympathetic and adequate than its predecessors. It depicts Carlyle as the word-artist, the master translator, the critic with the ideal in view and the historian of a new school who seeks the concrete and presents it. The man is greater than his works. The author has wisely made the man Carlyle, the theme of his book.

The Foot Pathway. By Bradford Torrey. Boston and New York: Houghton, Mifflin & Co.

The title and cover of Bradford Torrey's "Foot Pathway" is suggestive of its woodland nature. With the gay spirit of a holiday seeker and the enthusiasm of a naturalist, Mr. Torrey finds pleasant narrative concerning the dwellers in wood and field. The author writes himself as a dabbler in botany and ornithology, but in this book he impresses one not only as being well versed in these subjects, but as a poet, philosopher and moralist as well. "The Foot Pathway" will make worshipers in "God's First Temple." It is a book of nature, particularly of nature reflected by the refined and appreciative mind of the author.

Caesar. By Col. T. A. Dodge. Boston and New York: Houghton, Mifflin & Co. \$1.50.

"Caesar" is the title of a book in which Col. T. A. Dodge has brought down to the first century the art of warfare. The author discusses Caesar's campaigns very minutely. Volumes have been written on Caesar's personal and political career, but all descriptions of the military events of the first century have been inadequate. This book comes forward to satisfy the want. Sometimes the author is too minute for the general reader, but his summaries are always clear and satisfactory. In the chapter bearing the caption "The Man and the Soldier," Col. Dodge has drawn a lifelike portrait in which new lines showing the general has been added. It is a valuable chapter for the classical student or teacher. In another chapter is a striking comparison between the great captains of antiquity—Hannibal, Alexander and Caesar.

The Life of George Mason. By Kate Mason Rowland. Boston: Putnam & Son. 75 cents.

"The Life of George Mason" is a valuable contribution to the biographical literature of the revolutionary period of the United States. George Mason was one of the makers of the Constitution. Madison called him the ablest debater he had ever heard, while Jefferson denominated him the wisest man of his generation. The life of such a man is necessary to an understanding of the generation of the constitution framers. He left an impress upon the Constitution. Jefferson was heir to his political ideas and advocated his state rights views.



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