

# Lafayette College Journal

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## Lafayette College Journal.

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THE JOURNAL is a College newspaper, and as such will represent the interests of the College and all connected therewith—Trustees, Faculty, Alumni, Students and Friends. All are requested to contribute to its columns.

The Alumni are requested to contribute personals, relating to themselves and others.

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THE opportunity given the Classical Seniors, permitting them to occupy their spare hours during the present term in the experimental work of chemistry, is being improved by a number of the class who spend several afternoons in each week in the laboratories. Chemistry is first taken up in the last term of the Junior year, where it is met as a branch in the regular college course. During the Senior year, however, no opportunity is given, to those desiring to have more chemistry, to continue the study until the second term, when it is found among the electives for that and the term following. Through the kindness of our much respected Professor of Chemistry, Dr. Drown, however, the present Senior class enjoys the special privilege of pursuing

the study without interruption throughout the entire year. This permission was granted partially in consideration of a petition sent into the Faculty requesting that chemistry be made elective during the entire Senior year, together with some other subjects, among which the privilege of choice is desired.

It is regretted by the students that this petition, for some reason, did not meet with the approval and sanction of the Faculty and was not granted. It certainly has much to recommend it, and this voluntary work by the Seniors is a strong argument proving its sincerity and showing conclusively the actual desirability of such an arrangement of the studies in the college curriculum as shall satisfy the spirit of such a request.

In the several departments of our college we embrace a wide range of subjects, affording especial advantages for liberal culture. And the students, especially those in the advanced classes, covet the privilege of greater latitude in choice among them. By the time the student has come up to the Junior and Senior years, he has arrived at some definite conclusion as to what he shall make the pursuit of his life. He grows impatient under those studies which tend more especially to symmetrical development, and would, to better advantage, direct his energies in some special channel which bears more directly upon his chosen occupation or profession.

The Faculty have made many concessions in this direction, and our list of electives for the Senior

year is by no means small; yet we feel that a number more would be greatly to our advantage.

We cannot learn everything; the objects of knowledge have multiplied beyond our time and powers. We must, therefore, choose among them; and the only reasonable guide to choice in such matters seems to be utility. *Non multa sed multum* is a truth growing daily in importance. Of course we cannot complete a professional education at college; but with every pursuit or profession there is a theoretic or scientific groundwork which can be learnt nowhere so well and if not secured here will never be properly learnt at all.

DR. GREEN has been meeting the Freshmen class each week and delivering before them lectures on hygiene. Although the college catalogue has announced these lectures, none have heretofore been regularly given, since the retirement of Professor Leaman from the active duties of his chair owing to his feeble health. We congratulate the present class that they enjoy this privilege, which many of the advanced students in college reasonably regret could not have been theirs. It would be a commonplace to argue their beneficial influence. Delivered as they are at the very beginning of the college course, they cannot fail to produce excellent results, correcting many of the prevailing errors and mistakes of ignorance and indifference. "*Mens sana in corpore sano*," does not admit of any modification when applied to the student who has run his college course most successfully. Too many students leave college with their minds improved and strengthened, but who are mere wrecks physically and rendered less fit for the duties before them than those who have, with health preserved, made far less intellectual advancement. It is not the working eight or ten hours every day that kills the student; it is the lack of exercise, the late hours of study and other indiscretions, which these practical talks upon hygiene will tend to prevent.

Dr. McIntire has also been delivering lectures upon the structure and diseases of the eye, and giv-

ing instructions for their proper use and care. He is making a careful examination of the eyes of each member of the class and preparing statistics of their present condition for future reference, in order to ascertain what effect study is having upon them. He is also examining the eyes of the Sophomore class again, for whom similar statistics were prepared last year. These examinations are to be continued once each year throughout the College Course, that the student may know the state of his eyes and provide against any injury which might otherwise occur to them through neglect or misuse.

WE regret to learn that the Literary Societies have postponed the Preliminary Junior Oratorical Contests until next session, and that the beginning of the second term, instead of the latter part of the first, is likely to be permanently fixed as the time for holding these preliminary contests hereafter. There may exist some good reasons for this postponement, yet we greatly fear that a spirit of procrastination, arising from a lack of interest, and a hesitancy on the part of many of the Juniors in deciding positively to enter these contests, has entered largely into the motives prompting this change of time.

The number who annually contest for a position on the final contest is not nearly so large as it should or might be. There seems to be a prevailing sentiment among the students, that it is more creditable to tacitly acknowledge one's inability to secure an appointment by not making the necessary effort, than having made the effort, to fail. This erroneous opinion not only causes much of this delay in these contests and detracts greatly from their general interest, but also defeats the ends for which they are designed. They should be made more popular by a large number of competitors. While the prize is the specific end to be striven for, yet it should be remembered that the failure to obtain it does not incur a like failure of the benefits to be derived.

We would like to see a livelier spirit of emulation among the students to excel in this branch of literary work, which shall lead a greater number to avail

themselves of this opportunity for rhetorical culture. Oratory is certainly not undervalued in the College. A high estimate has always been attached by the College community to the student who excels in this department, and the honor of the successful competitors in these contests is regarded as among the highest the College confers upon the under-graduate. Since they have been deferred until after the Christmas holidays, although vacation is not very conducive to work, and especially that of writing our first oration; yet we trust a reasonable number of the Juniors will return prepared to test their oratorical abilities in the coming contests, and reflect credit both upon themselves and upon their respective halls.

HALLOWEEN, the night when it is thought that the mischief-making-beings are all abroad on their baneful midnight errands, holding a grand anniversary, is the Sophomore's Saturnalia. He feels that the occasion gives license to all his natural proclivities, and furnishes an excuse for whatever *contra bonos mores* they may lead him to commit. He brings into college and preserves traditions and customs, not commonly displaying a little intelligence and cunning art, but of steps removed, college property recklessly destroyed, and jokes entirely too practical and serious in their consequences to permit their being passed by unnoticed by the college authorities.

To break up these customs and traditions associated with halloween at Lafayette in a pleasant and satisfactory way, has called into exercise a little tact on the part of the College authorities. For the last few years they have been accustomed to give the inconsistent Sophomores a "sugar plum," in the shape of a holiday, on condition that they desist from the usual mode of observing this historical event, and set aside those customs practiced by the illiterate of every town and village in the country. The treaty has worked like a charm, and the traditions associated with halloween at Lafayette have already become legends in the mythology of college tales.

The outcry made against the disorders and irregularities in the conduct of college students by the

press, has brought upon our institutions of learning such a torrent of indignation from the uncharitable public, as to render further toleration injurious to their interests. The time was when the morals of the college student were seldom called in question by the outside world; but within recent years they have been published abroad, so highly colored with every exaggeration, and criticised with such severity, as to imperatively demand the suspension of many of the old customs and traditions among their students.

WE are now in the midst of reviews and enjoying a short respite from the harder work of advance lessons, before plunging into the severe "poling" of examination week. Passing the examinations is the crowning event of each term, and is an ordeal to which the experience of frequent repetition does not in the least seem to reconcile us. The apprehensive Freshman and the more confident Senior would alike gladly escape them. There is something unpleasant in their very nature—the formidable presence of an examining committee, the formal exactness of the Professor, the strange silence pervading everything, together with our own misgivings—all tend to foster such an aversion for them as is seldom, if ever, overcome by the student while in college. Although coming unburdened from the struggle, we may find some pleasure in mutual congratulations and in relating our good fortune and narrow escape; yet it will not be until in our later enjoyment of them that we can truly forgive and sincerely bless the once unpleasant measures by which Greek, Latin, and Physics, were driven into us so indelibly.

THE Inter-Collegiate Literary Association, owing to the failure of the several Colleges to pay their assessment and share the expenses incurred in the annual distribution of prizes, has abandoned the prize system for the present, and will at the coming contest issue Certificates of efficiency, instead. At a meeting of the Regents in New York, some time since, the following resolutions, offered by Professor Lewis, were unanimously adopted:

*Resolved*, That the Committee on Printing be instructed to prepare a form of certificate to be awarded in the name of the association at the approaching examination.

*Resolved*, That the Committee on Finance be requested to make earnest efforts to obtain subscriptions before the annual examination of this year for the payment of additional prizes to the successful competitors of this year, and that the trustees be requested to distribute among such competitors any surplus which may be obtained from such subscriptions, or from other sources, in the same proportion in which the prizes were offered last year.

In pursuance of these resolutions, the dues of the several Colleges in the Association, were fixed at twenty-five dollars instead of fifty dollars, as heretofore.

## THE MONTH.

### BRAINERD SOCIETY.

THE Brainerd Society was founded in 1833. It was named in honor of Rev. David Brainerd, the illustrious missionary, who made the vicinity of Easton one of his stations. The primary object of the Society was to foster a missionary spirit and disseminate among the students a knowledge of missionary work. It was, however, for years, the only religious organization of the College, and until the formation of the Christian Brotherhood had under its immediate charge the daily prayer-meeting in Brainerd Hall and the system of Sabbath-schools carried on by the students. Its influence is seen in the moral and religious tone of the College, as well as in the number of devoted men among the Alumni, who have consecrated themselves to the work of foreign missions, many of whom first learned to work for the Master in the good old Brainerd Society. Its anniversary is held on the Sabbath afternoon preceding Commencement, in the old Chapel, now called Brainerd Hall, and in the evening a sermon is delivered before this Society and the Society of the Christian Brotherhood.

Among the members of the Brainerd Society who have been actively engaged in the Foreign Missionary work may be mentioned:

James B. Ramsey, class of '36, among the Choc-taws; James G. Junkin, '38, Mexico; A. J. Colly-rus, '43, Greece; John Bemo (Nephew of Osceola), '43, among the Seminoles; Washington McDonogh, '43, Africa; John F. Wilson, '43, Africa; T. H. Newton, '46, West Indies; John Woodside, '46,

India; G. W. Simpson, '46, Africa; Victor Herschell, '47, Jamaica; Ishwayl Das (Adam), '48, India; Isidor Lowenthal, '48, India; R. H. Nassau, '49, Africa; Samuel R. Gayley, '53, China; C. R. Mills, '53, China; John Menaul, '65, Africa; L. W. Eckard, '66, China; R. Arthur, '68, Siam; James T. Houston, '71, Brazil. For further information, see Professor Owen's "sketches" of the College, from which we have gleaned the above.

Interesting meetings are now held once each month, at which the Christian work in the College is discussed and means devised by which those students just entering college may be surrounded with the Christian influences of their homes. The members feel that these opportunities for good must not be neglected, nor the Society be allowed to languish. The work must be revived, and in order to do this they must have the support and encouragement of all those who are Christians.

At a meeting held November 6th, a good earnest beginning was made. Nine new members were added, and the following officers elected:

President . . . . .	G. W. Plack.
Vice President . . . . .	David McClure, Jr.
Secretary . . . . .	W. J. Jones.
Librarian and Treasurer . . . . .	W. S. Young.

The President appointed the usual exercises for the next meeting. Then on motion a committee was appointed to have printed and to circulate notices of the meetings of the Society and of its objects. A committee was also appointed to inquire into the advisability of connecting the Brainerd Society with the Y. M. C. A. organization.

The usual devotional exercises were observed both at the beginning and close of the meeting. Everything tends toward an awakened interest in this work. Any good church member can join the Society without putting himself to any expense.

### THE COLLEGE BAND.

THE students have always been justly proud of our Cornet Band. The select programme furnished upon all occasions is remarkable, considering that only odd hours can be devoted to practicing. Its merit is largely due to its energetic leader, Mr. Seem, who has spared no pains to render it worthy the applause it has always received from the College community. Great difficulty is experienced in maintaining it, owing to the graduation of its members

from year to year and the training of others to fill the vacancies.

Their rehearsals are on Wednesday and Saturday afternoons in the music gallery of Pardee Hall. They are now engaged upon new music and are preparing an extensive programme for the winter's lectures, contests and entertainments. The music furnished by the band on these occasions is one of their most enjoyable features, and one regarded essential to their complete success. We give below a list of the officers and members:

## OFFICERS.

H. M. Seem . . . . .	Leader and Musical Director.
I. W. Shultz . . . . .	Business Manager and Treasurer.
W. F. Brown . . . . .	Secretary.

## MEMBERS.

I. W. Shultz . . . . .	1st E flat Cornet.
_____ . . . . .	2d E flat Cornet.
H. M. Seem . . . . .	Solo B flat Cornet.
F. M. Dare . . . . .	1st B flat Cornet.
N. L. Seguin . . . . .	2d B flat Cornet.
A. T. Dobson . . . . .	Solo E flat Alto.
T. C. Clark . . . . .	1st E flat Alto.
R. W. McClelland . . . . .	2d E flat Alto.
M. E. Schadt . . . . .	1st B flat Tenor.
Bert. Baker . . . . .	2d B flat Tenor.
W. S. Cranz . . . . .	Solo Baritone.
J. P. Henry . . . . .	B flat Bass.
W. N. Rube . . . . .	E flat Tuba.
M. L. Deitzler . . . . .	Snare Drum.
W. F. Brown . . . . .	Bass Drum and Cymbals.

## FORENSIC DAY.

THE following were the speakers for the Forensic exercises of November:

## SOPHOMORES.

1. Patriotism . . . . . King.  
T. B. Boughton.
2. American Literature . . . . . Holland.  
W. Koch.
3. Daniel Webster . . . . . King.  
A. S. Shattuck.

## JUNIORS.

1. Two Questions in Politics . . . . . Phillips.  
J. P. Henry.
2. England and America . . . . . Gladstone.  
W. G. Wells.
3. Universal Suffrage . . . . . Parkman.  
M. C. Woods.

## SENIORS.

1. Then and Now . . . . . E. C. Armstrong.
2. Public Honesty and Duty . . . . . I. M. Flinn.
3. Culture and Imagination . . . . . M. G. Simpson.

## THE LITERARY SOCIETIES.

THE night of October 23d was the time appointed by joint resolution of the halls for the annual exercises attending the initiation of new members. Happily this time-honored reception occurred this year on Founder's Day, and was a fitting close to the regular observance of that occasion.

The number of men received into membership was much smaller than in former years—possibly the result of an inclination not to admit students indiscriminately, but with a view more to advance the literary than the financial benefits of the halls.

## FRANKLIN.

The exercises in Franklin Hall were very entertaining and instructive throughout. Prof. Caughey was the orator of the evening. His address was upon the appropriate subject of "True Literary Culture," and was replete with valuable hints and suggestions. We insert a brief abstract:

Culture makes the difference between the savage and the civilized man. The child of the barbarian and the child of the Christian change places. The one grows to manhood a larger-brained and more wicked savage than his comrades; the other becomes almost if not quite the peer of him "to the manner born."

Literary culture is the ripened fruit of reading and study. They attain it who devote themselves, not to the indiscriminate perusal of newspapers, novels and the general slush of light literature, but to the diligent and thoughtful reading of the best literature their language affords.

But no one can read all that is worth reading. Few of us can read, or ought to read, if we could, a tithe of all that is worth reading. We must select and reject. Happy are we if we have a friend, judicious and wise, who has eaten through the mountain for us, and can say: "This is excellent;" "that has a meaty and delicious flavor," &c. Some writer has said that "the man of a few great books, which he has thoroughly mastered, is, other things being equal, the great man."

Emerson lays down these three rules for choosing what to read: 1. Never read any book that is not a year old; 2. Never read any but famed books; 3. Never read any but what you like. But surely those who have acquired a taste for "trash," ought to compel themselves to read, in spite of their dislike, solid and useful literature.

But we may indulge too much even in the best literature, unless we use our learning in thought and composition—in some way work it over, as the bee does the sweets it gathers, for the mental food of ourselves or others.

As to the time we can give to reading: An hour a day, diligently employed, would suffice for the thorough perusal of twenty ordinary duodecimo volumes in a year. And what a sum total even this would make in a life-time!

The Bible, Shakspeare, Bacon, Milton, Addison—the standard histories and biographies—these and such books, with the best literature of more recent date, carefully read and re-read,

will create true literary culture, and honestly entitle one to the reputation of being well-read.

Fortunately, Hon. N. B. Smithers, LL.D., of the class of '36, was present. In response to a call from the President, the Doctor said he was somewhat taken aback when addressed by his newly acquired title; he desired to meet all Franklins as brethren. Referring to his college life, forty-two years ago, he gave some pleasing reminiscences, and alluded with much feeling to the remnant of his class. He exhorted to manliness in our relations in the Society, as well as in the world, with loyalty to God and the Republic.

Prof. Coffin, being called upon, addressed the hall in an easy manner. He alluded to many alumni of the hall who are now eminent as statesmen and lawyers, using this as an argument to stimulate the present members to greater activity in literary and forensic culture. He said that his pleasantest college recollections were his days in Franklin Hall, and sincerely hoped to see the old spirit kept alive.

Some forcible remarks were then made by Prof. Ballard, who enforced the principle that students should feel more hesitancy in shirking hall than college duties. The responsibility for faithfulness in hall is a peculiar one, since the work is voluntary and self imposed.

Prof. Owen was present, manifesting his usual interest in the Society, and made some very interesting and practical remarks. He spoke upon the use and abuse of the debate. While it ought to be the main exercise in the Society, yet there are frequently many bad features connected with it, arising from the disposition of disputants to color the facts in their efforts to gain the advantage in discussion. Truth is large, noble, free and fearless; but some men cover it up while pretending to advocate it. Knowledge comes from science, not from rhetoric and art. For models of form in oratory, go to the ancient orators; but for direction, to the modern. Allegories are worth nothing to-day. We want direct forms. We live in an age of truth-seeking, and truth is the object of all studies. Methods in debate should be subordinated to the most straightforward integrity, if we would secure the best results.

Ex-President Steans then thanked the alumni and other speakers for their words of encouragement, and appealed to the new members to aid in all efforts for the hall's improvement. The Society then adjourned, after having spent a most thoroughly enjoyable evening.

#### WASHINGTON HALL.

It was with no little pride that the members of Washington Hall received those who stood up before the President for initiation into their Society. The room had just been newly fitted up, and the change in the position of the furniture, together with that which had recently been added, lent an appearance most inviting to every one. However, they were doomed to some little disappointment, as far as the usual exercises were concerned. The orator, Mr. McKnight of Chambersburg, who had been elected for the occasion, was prevented from taking part, being detained at home by illness in his family. A telegram to this effect was received from him a few hours before the meeting; but rather than that the Hall should be completely disappointed, Mr. J. R. Davies of the Sophomore class volunteered his services. His oration, from the short time in which he had to prepare it, was almost impromptu, but nevertheless it reflected much credit on the speaker. He chose as his subject "Religious Development," and his manner of treating it gained for him the closest attention, and caused his address to be highly appreciated. He reasoned as follows:

"Man is a religious being. History proves it. His rites at first are simple; but as civilization grows more complex they become more elaborate. Creeds are framed. Religious orders are established. Centuries pass away, and the Church forgets its Divine mission. Men resist its tyranny, throw off its yoke, and upon the ruins of the old faith, plant a new Church."

But few of the alumni were present. Prof. King, however, was on hand and manifested his usual interest in the Society by some practical remarks to the members who had just been admitted, and also urging upon all the members the importance of the advantages they enjoyed in the culture afforded by the Hall. The regular weekly exercises of the Hall were carried out, and adjournment followed.

#### OFFICERS OF FRANK. HALL.

BY a provision in the new constitution, only four elections of officers are now held during a College year. The following were elected November 6th, to serve till February:

President . . . . .	I. M. Flinn.
Vice-President . . . . .	W. F. Brown.
Recording Secretary . . . . .	W. N. Rube.
Corresponding Secretary . . . . .	A. E. Sanborn.
Critic . . . . .	J. P. Henry.
Treasurer . . . . .	R. A. Zimmerman.
Librarian . . . . .	H. M. Hagerman.
Assistant Librarians . . . . .	J. T. Corbin and P. Kintzing.

## PRUDENTIAL COMMITTEE.

W. F. Brown, Chairman; W. I. Steans, T. F. Diefenderfer, A. T. Hays, E. M. Haymaker.

## LIBRARY COMMITTEE.

F. Heck, R. A. Zimmerman, A. T. Hays.

## QUESTION COMMITTEE.

H. Shaw, T. F. Diefenderfer, A. E. Sanborn.

## AUDITING COMMITTEE.

W. I. Steans, M. M. Gibson, C. M. Bergsreisser.

The Prudential Committee was elected by the hall, the remaining three were appointed by the President.

## A PLEASING EPISODE.

ANOTHER of those pleasant episodes of our college life occurred on the evening of November 22d, at the residence of Prof. A. L. Baker. The Professor and his most estimable lady had tendered a reception to the College Band and Quartette, as well as to the Technical students of the four classes. Ably assisted by a number of Easton's fairest daughters, the host and hostess stood ready to receive their visitors, as the hour for the meeting drew nigh. The Technicals were earliest on hand, the Band shortly after announcing their appearance by a serenade, the Quartette following a few minutes afterwards. As soon as the guests were assembled, the musical part of the evening's entertainment began. Vocal and instrumental selections were rendered by a number of the young ladies, followed by "Day Slowly Declining," by the Quartette, and a pot-pouri, "*Bon-bon Melange*," by the Band. After this, charades were performed, in which Messrs. Markle, '80, and McClure, '81, appeared as the leading actors. Refreshments and more music filled up the balance of the evening, and the night was well advanced before the guests began to take their departure. The entire affair was most enjoyable, and the entertainment by Professor and Mrs. Baker most hospitable.

## DELTA KAPPA EPSILON CONVENTION.

THE Thirty-second Annual Convention of the Delta Kappa Epsilon Fraternity was held with the Beta Chapter of Columbia College, in New York city, on the 23d and 24th of October. There were present over one hundred delegates, representing twenty-eight of the leading Colleges of the land. It is worthy of mention that for the first time the Chapter in the University of California was represented by a delegate. The convention was by far

the largest and most successful one which the Fraternity has ever held.

The public exercises were held on Thursday evening, in the Academy of Music, Hon. Whitelaw Reid presiding. The audience, though large, was one of the most select that has been assembled on a like occasion. Mr. Reid introduced the orator of the evening, Dr. Winchell, Chancellor of Syracuse University, who delivered a most finished oration on "Modernized Education." We have no space to give an appropriate account of the banquet which immediately followed the public exercises. It is perhaps sufficient to state that it was held at Delmonico's. Not the least pleasant feature of the occasion was a trip taken by the delegates up the East river on a steamer chartered by the Beta for the occasion.

Lafayette's Chapter, Rho, was fully represented, Messrs. M. S. Bailey, W. F. Brown and H. R. Forbes appearing as delegates. F. V. Dilts, '77; W. L. Sheaffer, '78; J. E. Belville, '79; and S. E. Magill, '80, were also present. The success of the Convention was greatly due to the interest in and care of the delegates by the members of the Beta Chapter; and all who were fortunate enough to participate in the affair will ever remember with warmest thanks the kindness of Beta.

## THETA DELTA CHI CONVENTION.

THE Thirty-second Annual Convention of the Theta Delta Chi Fraternity was held under the auspices of the Kappa Charge of Tuft's College, in the parlors of the Revere House, Boston, October 24th and 25th. Hon. H. H. Eddy, of Watertown, N. Y., President of the Grand Lodge, occupied the Chair. There were delegates present from Bowdoin, Dartmouth, Hamilton, Hobart, Cornell, Tufts, Lafayette, Boston University, and Kenyon College. F. E. Bachman, of '80, represented Lafayette. The greater part of the two days was taken up in business of interest to the fraternity alone. The election of members for the Grand Lodge resulted as follows: President, C. C. Kneisly, of Dayton, Ohio; Secretary, S. A. Simons, of Cornell; and Treasurer, R. H. Eddy, of Tuft's College.

The banquet was held during the evening of the 25th. President Capon, of Tuft's College, delivered the address, having for his subject "Education and Civilization." D. R. Brown, a graduate of Tuft's, read a poem on taking "Relics."

The conventionalities were kept up until a late hour, Mr. I. P. Pardee, of Stanhope, N. J., and a graduate of Lafayette, filling the position of toast-master.

The occasion was one never to be forgotten, as good fellowship and fraternal feeling reigned supreme.

### THE JUNIORS AND DEMOSTHENES.

THE Juniors have been greatly exercised during the past few weeks, over the usual debate which occurs in connection with the study of Demosthenes on the Crown. The Oration involves many questions and prompts just such an exercise, provoking opinions, and at the same time, stimulating the effort to sustain them.

The class find these discussions, when entered into with sincerity and zest, very beneficial, assisting greatly in rendering a translation of the oration and interpreting it with some of the spirit in which it was first spoken from the *bema*, besides giving an opportunity for the free expression of private opinions, and calling into exercise each man's individuality. These debates, in connection with the study of Demosthenes, are also directly in the line of the Oratorical Contests of next term, and serve the purpose of preliminary work in preparation for them.

The question debated by this class: "Resolved, that Demosthenes was the superior of Æschines as a statesman, a citizen, and a man," was argued by Messrs. Smith and Dewing, who defended the character of Demosthenes, and Messrs. Bailey and Hagerman, who represented the cause of Æschines. The debate was long and stubborn, the disputants occupying several hours in the discussion.

After the regular debaters had concluded their arguments *pro* and *con*, the question was thrown open to general debate. In this, Mr. Barnes for Demosthenes and Mr. Beers for Æschines, continued the discussion.

The second debate, which was expected to take place this month, has been abandoned, because the ground for debate was fully covered by the October debaters.

In addition to the debate, the present Junior class has been especially favored, in being allowed to listen to short speeches on topics connected with Grecian History during the time of Demosthenes. Each speech was equivalent to two of the four essays required during the term from each member of the class, and proved an interesting feature in the study of the great Orator.

### THE CHEMICAL SOCIETY.

THE members of the above Society met together Thursday, Oct. 31st, for the purpose of hearing a lecture on "Flame," by Prof. Hart. Dr. Drown presided, and there being no business before the meeting, Prof. Hart at once began the treatment of his theme.

He said he had thought best to take as his subject a phenomenon with which we were all familiar. If we considered flames closely, however, and attempted to account for them, we should find them to be very complex. The oldest theory of flame was that proposed by Sir Humphrey Davy, who supposed it to consist of gas burning only on the outside. The light he supposed to come from small particles of intensely ignited carbon in the outer part of the flame. He showed that this carbon could be separated by introducing a cold body, as, for instance, a glass rod, into the flame. It is then deposited upon the rod as soot. Frankland, who took up the study of flame at a later date, showed that arsenic and phosphorus, when burned in oxygen, give colored flames. But as the substances here burned, as well as those arising from the combustion, are all volatile at the temperature attained by the flames, the light can not be due to solid particles, intensely ignited. He further showed that hydrogen and alcohol, which ordinarily burn with colorless flames, give colored flames, if the burning is conducted under a pressure of 10-20 atmospheres. Finally, he found that he could read print through an ordinary flame, and argued that the flame must, therefore, be transparent, which would not be the case if it contained solid particles of carbon suspended in it. Frankland concluded, therefore, that the light of flames was not due to the ignition of solid particles, but to the ignition of dense vapors.

The study of flame has been continued by Knapp, Stein, and finally by Henmann. Henmann has gone over the whole ground with great care and skill, and as a result of his investigations we now have a much better idea of the nature of flame than formerly. He has shown that colorless flames may become colored—1, By introducing solid particles; 2, By intensely heating the flame; 3, By increasing the pressure. As the result of his investigations upon ordinary flame, we know that they consist, as Davy supposed, of a burning gas with small particles of ignited carbon suspended in it, from which the light proceeds. Henmann's work was taken up somewhat in detail by the lecturer, and his arguments and experiments given. The lecture was illustrated by numerous experiments, many of them devised by Henmann in the course of his investigations.

### THE METEORITE.

ON the morning of August 15th, while Louis Zeringer, a lad about eight years of age, was playing in a brick-yard about half a mile North of La-



fayette College, and was bending toward the earth, a small object rushed by very close to his face, with a whizzing sound, striking the ground about two feet from the lad, and running along a short distance partly covered itself in the earth. The whizzing sound was distinctly heard by the father and the lad, and both father and son state that they saw a line of smoke in the path of the falling body. They were alarmed at this strange phenomenon, and presented the stony substance to one of the Professors with the (to them) ominous statement that it came *auf der himmel*. The meteorite came from the West, and as nearly as can be estimated at an angle of about 40° with the horizon.

The following brief description of it was furnished to us by Prof. Silliman :

"The meteorite is of the stony class. It is one of the smallest ever discovered, and is almost a perfect sphere, having a diameter of but little more than half an inch. Its weight is less than two-tenths of an ounce, and its specific gravity about two and a quarter.

The surface of the meteorite is of a light brownish red color, indicating the presence of hydrated oxide of iron. On closer inspection, the red coating is found to be scoriaceous and interrupted by patches of a fibrous character, with occasional spots of yellow and black.

On making a section through the meteorite, the mass was found to have the character of very many meteorites of this class, viz: bluish gray color, heterogeneous, vesicular and somewhat porphyritic.

This meteorite is a marked one in several particulars. 1st, It is one of the smallest meteorites ever discovered. 2d, The red coating is rarely found on meteorites, the coating generally being black. 3d, But very few meteorites of spherical form have been discovered. In nearly all cases they are angular fragments."

The meteorite has been secured by Rev. Dr. Coleman for the mineralogical collection of the College.

#### NATURAL HISTORY SOCIETY.

ON Monday evening, November 25th, the members of this Society held their second regular meeting of the term. Dr. Porter presided. Several names were proposed for active membership, and the committee on Ornithology reported some rare specimens presented to the Society.

It had been expected that Dr. Porter would give an account of the recent trip in the interest of natural history, but thinking best to reserve this for a larger audience, he proceeded to speak of the Society itself.

He explained its aims and the scope and interest

of its proposed work. Alluding to its high position among similar College Societies, he desired the members to make yet increased efforts to enhance its value in the College, and do all in their power to enlarge the cabinet collections, already ranking so high and in variety and excellence.

The Doctor avowed his intention to make the next term as interesting as possible, as far as lay in his power, and made the very agreeable announcement that on January 17th he would give a lecture on the interesting subject of "Sea Serpents."

Having concluded his remarks, Dr. Porter, by special request, gave a number of ludicrous instances demonstrating the lack of observation and knowledge of natural history on the part of certain poets, as evidenced by allusions in their works. We would like to give the instances in detail, and may find occasion to do so in a future number.

#### THE COLLEGE BOOK.

WE have enjoyed a rare treat in looking over the "COLLEGE BOOK," a superb volume just issued from the press of Houghton, Osgood & Co., of Boston. It is under the editorial supervision of Messrs. Charles F. Richardson and Henry A. Clark, and contains notices of the following twenty-two Institutions, arranged chronologically :

Harvard, William and Mary, Yale, The College of New Jersey, Columbia, The University of Pennsylvania, Brown, Dartmouth, Rutgers, Williams, Union, Bowdoin, The United States Military Academy (West Point), Hamilton, Amherst, Trinity, The University of Virginia, Lafayette, Wesleyan, Oberlin, The University of Michigan, The United States Naval Academy (Annapolis), Vassar, and Cornell.

In preparing the accounts, the editors have had the assistance of writers connected with the various Colleges. The article upon LAFAYETTE was furnished by Prof. March, with some additions by the editors, referring to Dr. March's methods of instruction, taken from Prof. Owen's history. This article alone is worth to every alumni of Lafayette the price of the whole book, which is a most valuable summary of the history and aims of the leading American Colleges. The following extracts from the circular of the publishers more fully explain the plan and nature of the Work :

"This handsome book is believed to be the most important single volume ever devoted to the history of American institutions of learning, and as such

will be of great value to educators, collegians, libraries, and the general public. Unlike other similar works, it is not confined to a single institution, but includes accounts of no less than twenty-two leading American universities and colleges, as well as of the United States Military and Naval Academies.

"These accounts have been prepared with the greatest care, in most cases by writers connected with the various institutions described. They aim to present materials for acquiring a sufficiently full knowledge of the history, character, resources, and aims of the great American colleges, from Harvard, founded in 1632, to Cornell, founded in 1865. In every case the aim of the volume has been to present a picture of each institution as known to its undergraduates, faculty and friends.

"The illustrations accompanying these sketches form a more beautiful and valuable album of college views than has hitherto been collected in this country. They consist of some sixty heliotypes (permanent photographs) of large size, from negatives taken expressly for this work. The advantage of pictures representing the familiar college buildings as they are, will be manifest to every collegian or graduate.

"The College book is confidently recommended to the attention of—

"Undergraduates and graduates of the various institutions included,—because it contains full illustrated accounts of their own and other leading colleges.

"Educators in general,—because no such contribution to American educational history has ever been made in a single volume.

"Parents whose sons may go to college,—because it will give them important aid in the choice of a college.

"Public libraries,—because no large collection of books should be left without so important a work of reference.

"The College Book is printed and bound in the most tasteful and substantial style, is a quarto volume of 400 pages, and is sold by subscription at \$15.00 per copy."

### SCHEDULE OF EXAMINATIONS FOR THE FIRST TERM OF 1878-'79.

#### THURSDAY, December 12th.

8-12	Seniors, A, Astronomy, . . . . .	Prof. Coffin.
"	Juniors, Demosthenes, . . . . .	Prof. Youngman.
"	" S., Bacon, . . . . .	Prof. March.
"	" T., Blowpipe, . . . . .	Prof. Blake.
8-10	Sophomores, S. and T., French, .	Prof. Diefenderfer.
10-12	" " " German, . . . . .	Prof. Diefenderfer.
8-12	Freshmen, Livy, . . . . .	Prof. King.
"	" T., Algebra, . . . . .	Prof. Baker.

2-5	Seniors, T., Machines, . . . . .	Prof. Moore.
2-4	Juniors, T., Anal. Chemistry, . . .	Prof. Drown.
4-5	" Ch., Theoretical Chemistry, . . .	Prof. Hart.
2-5	" Thucydides, . . . . .	Prof. Owen.
"	" S., Bot. and Zool., . . . . .	Prof. Porter.
"	Sophomores, A, De Oratore, . . . .	Prof. King.
"	" S. and T., Projections, . . . . .	Prof. Silliman.
"	Freshmen, A, Algebra, . . . . .	Prof. Hardy.
"	" S. and T., Drawing, . . . . .	Prof. Silliman.

#### FRIDAY, December 13th.

8-12	Seniors, B, Astronomy, . . . . .	Prof. Coffin.
"	Juniors, T., Des. Geometry, . . . .	Prof. Silliman.
"	Sophomores, Trench on Words, . . .	Prof. March.
9-12	Freshmen, Greek Prose, . . . . .	Prof. Youngman.
8-12	" S. and T., French, . . . . .	Prof. Hardy.
2-5	Seniors, S., Mod. Literature, . . . .	Prof. Bloombergh.
"	Juniors, A, Theoretical Mechanics, .	Prof. Moore.
"	Sophomores, B, De Oratore, . . . .	Prof. Owen.
"	" T., Surveying, . . . . .	Prof. Diefenderfer.
"	" A, Trigonometry, . . . . .	Prof. Coffin.
"	Freshmen, B, Algebra, . . . . .	Prof. Hardy.

#### SATURDAY, December 14th.

8-12	Seniors, Psychology, . . . . .	Prof. March.
"	" Road Engineering, . . . . .	Prof. Fox.
8-10	Juniors, S. and T., French, . . . .	Prof. Diefenderfer.
10-12	" S., German, . . . . .	Prof. Diefenderfer.
8-12	Sophomores, A, Mensuration, . . . .	Prof. Coffin.
"	Freshmen, A, Memorabilia, . . . .	Prof. Youngman.
"	" B, . . . . .	Prof. Owen.
"	" S. and T., Chemistry, . . . . .	Prof. Hart.

#### MONDAY, December 16th.

8-12	Seniors, Rhetoric, . . . . .	Prof. Barlow.
"	Juniors, Cicero, . . . . .	Prof. King.
"	" T., Geodesy, . . . . .	Prof. Baker.
"	Sophomores, T., Anal. Chemistry, .	Prof. Drown.
"	" Homer, . . . . .	Prof. Youngman.
"	Freshmen, Cl. and S., Algebra, General Examination, .	Profs. Hardy and Caughey.
2-5	Seniors, T., Drawing, . . . . .	Prof. Silliman.
"	" Cl., Lactantius, . . . . .	Prof. Ballard.
"	" S., German, . . . . .	Prof. Coleman.
"	Juniors, Descriptive Mechanics, . . .	Prof. Moore.
"	Sophomores, S., Bunyan, . . . . .	Prof. Owen.
"	" T., Anal. Geometry, . . . . .	Prof. Fox.
"	Freshmen, C, Algebra, . . . . .	Prof. Caughey.

#### TUESDAY, December 17th.

8-12	Seniors, Bot. and Zool., . . . . .	Prof. Porter.
"	Juniors, Cl., German, . . . . .	Prof. Bloombergh.
"	Sophomores, B, Trigonometry, . . . .	Prof. Hardy.
"	Freshmen, Latin Prose, . . . . .	Prof. King.
2-5	Seniors, C. E., Astronomy, . . . . .	Prof. Coffin.
"	" Juvenal, . . . . .	Prof. King.
"	Juniors, B, Theoretical Mechanics, . .	Prof. Moore.
"	Sophomores, T., Mineralogy, . . . .	Prof. Silliman.
"	" B, Mensuration, . . . . .	Prof. Hardy.
"	Freshmen, S. & T., English Grammar, .	Prof. Diefenderfer.
"	" Cl., Clas. Geography, . . . . .	Prof. Owen.

## WEDNESDAY, December 18th.

8-10	Seniors,	Biblical,	.....	The President.
"	Juniors, Cl.,	"	.....	Prof. Ballard.
"	" S. and T.,	"	.....	Prof. Bloombergh.
"	Sophomores, Cl.	"	.....	Prof. Youngman.
"	" S. and T.,	"	.....	Prof. Coffin.
"	Freshmen, A.,	"	.....	Prof. Hardy.
"	" B.,	"	.....	Prof. Caughey.
"	" C.,	"	.....	Prof. Diefenderfer.
1 1/2	Final Announcement by the Class Deans.			
	Seniors in Pardee Hall.			
	Juniors in Pardee Hall.			
	Sophomores in Greek Room.			
	Freshmen in Pardee Hall.			

*Lafayette College, December, 1878.*

**SPLINTERS.**

—The petition to close the term one week earlier than stated in the College catalogue, has been granted. The term will accordingly close on Wednesday, December 18th.

—J. T. Baker, of '82, is the latest acquisition to the Chapel choir.

—Instead of changing the hour of the afternoon recitation from 4 to 3:30 o'clock, as formerly, the usual regulation prevails. When the darkness requires, the gas is lit in the recitation rooms, and in the chapel.

—M. C. Woods, '80, succeeds G. W. Phillips, '78, as the representative of the College, together with Prof. Silliman, in the Y. M. C. A., of Easton.

—As College does not open until the 9th of January, 1879, the January number of the JOURNAL will not be issued until that date.

—At the desire of the Junior Classics, Professor Bloombergh has signified his willingness to conduct a weekly exercise in German, in addition to the regular studies of the term, and a class will be formed.

—On Thanksgiving day the express man made frequent visits to the Hill, and the hearts of many of the students were made glad over the substantial evidence of remembrance at home in the shape of a box filled with the best things the larder could afford.

—A number of the students, believing that their "country's voice" called them, went home to vote.

—At a recent meeting of Franklin Hall, Hon. N. B. Smithers, LL.D., Prof. Owen, and J. H. Brensinger, Superintendent of Phillipsburg Schools, were chosen Judges for the Preliminary Junior Oratorical Contest, which, as determined by the new Constitution, will occur January 28th, 1879.

—Notman having finished the Senior Class sittings

and also "taken" a number of groups, has left Easton.

—The alumni and former students of Lafayette, residing in Philadelphia and immediate vicinity, will hold a social reunion and have a supper at the Colonnade Hotel, on the evening of December 10th.

—The Foot-Ball Team of the Freshman Class were beaten by the Foot-Ball Association of Hackettstown, N. J., on Saturday, 23d ult.

—The Thanksgiving services were held in the College Chapel in connection with the usual morning devotional exercises, so as to give an opportunity to the students to attend such churches as they might prefer, or have the remainder unbroken to follow the bent of their inclinations. Dr. Porter preached the sermon, taking for his text the first verse of the 107th Psalm.

**DOWN TOWN.**

—The gentleman from Peru, who was so lavish of his drafts while in Easton, but neglected to pay his hotel bill, was arrested near Reading, November 1st, and lodged in the Easton jail the next day. He practiced his little game in several places after his hasty flight from town. He is supposed to be insane.

—The Easton Grays, who have been recruiting their company up to the standard required by law, have obtained a full complement of men. The annual inspection occurred at Allentown, Monday, November 25th.

—The Mapleson troupe gave one of their delightful concerts to a large and appreciative audience, on October 30th.

—The first annual report of the Coffee House shows that it is a decided success. This proves that such an establishment, based on temperance principles, can be made self-sustaining. The treasurer reports a balance of \$206.96.

—Rev. Alex. B. Jack delivered an interesting lecture on the "Influence of Robert Burns," at Christ Lutheran Church, November 19th. A large audience greeted him, and was highly delighted with his able address.

—The ladies of Easton have undertaken the management of a Fair and Festival, for the benefit of the Grays, to be held some time in December.

—Dr. Edgar, who has been unable to preach during the past few weeks on account of illness, has recovered and resumed his place in his pulpit.

### ATHLETICS.

THE cool weather has put an end to base-ball, and foot-ball has occupied the attention of every one for the past month. Interest enough has been aroused to start the subject of the organization of a College fifteen, and meetings have already been held for that purpose. We are glad indeed to see this matter taken in hand; for there is no reason in the world why foot-ball should not be encouraged to as great an extent as it is at Harvard, Yale and Princeton. Among our three hundred students there is the best of material to pick a team from, and the advantages our campus affords in the shape of a ground for playing foot-ball could be no better. Practice, with good instruction, would soon bring out a team that would do credit to Lafayette; and if the directors will but give this their closest attention, success must crown their efforts. The games that have been played during the past week, show that a good knowledge of the Rugby game is well known to many; and as these are the rules now adopted by American Colleges, it would be advisable that this game be played altogether. We should like to see less punting and more drop-kicking done by those who are constantly playing, as the drop-kick is not easy to do well, and must be practiced to accomplish successfully. It is to be regretted that the class-games have not been renewed, as there would no doubt be many interesting and close contests. The Freshman class possesses several good players, and seems to enter into the game with more spirit than the other classes. If they continue as they have begun, they can easily place at least four men on the College team. The directors of the Foot-Ball Association are Messrs. Eyster and Seguin, '79, and Fillebrown, '80; and it is for them to see that this matter is carried through. By all means let us have a College Foot-Ball Team, as well as a Ball Nine.

### EXCHANGES.

*Penna. College Monthly* stands rather above the average College paper, and in some of its literary articles has decided merit. In its management it is not distinctively an undergraduate paper, being largely aided by the alumni and faculty. "Reminiscences of a College Life," is thus far its most creditable feature. The editorials are comparatively weak, and the locals are, in many cases, mere air-blown trifles. "Alumni Personals" is a vigorous department.

*The Princetonian* is a credit to the College, sensible, solid and newsy. It well represents Athletics, the Curriculum, the Faculty and the Students. Editorial aspirations may be noticed in "Contributions"—the embryo poet, novelist, and logician! The paper, however, disclaims responsibility for these productions.

WHAT about the *Chronicle*? Exchanges say good, or else indulge in some newsy sentiment, repeat its wisdom, and, as is fashionable and convenient, quote some sample poetry, adding perhaps a flourish, witticism or ingenious comment. Exchange opinion, while it is often nimble and elastic, is also hoodwinked and headstrong, given to pedantry. Criticisms on any one paper, if followed up and compared, show every possible phase of the soothe and scratch, praise and blame policy. Excellence is not exempt from censure; neither is the tolerable or indifferent deprived of complimentary notice. What does the *Chronicle* say of itself? It presumes general consent to its high rank and comfortable pride. Much of its claim we freely grant; but it is, by no means, *primus inter pares*, having few to surpass it. It is candid about the weakness of the literary department. The editorials are very extensive on a few subjects, which appear to be discussed in a perhaps style. The Students' Riot and the Resignation of Prof. Watson, are the absorbing topics, sensational in themselves, but not in need of so many lengthy editorials. Our caustic, if so considered, is meant for your proud-flesh. No ill-feeling whatever intended.

COME, *Madisonensis*, we have a slight account with you, and we are going to settle squarely and honorably. You don't like the JOURNAL's cover. That is a matter of taste. You look in vain for our literary department. So have others, despite the fact that we have repeatedly announced our province to be only that of a College newspaper, which character we hope to sustain with the same favor and success as in the past. How about your own æsthetics? They appear very good, though sometimes careless. "The Modern School Boy" mars an otherwise pleasing complexion. The literary feature is attractive, and the whole paper has a neat, practical and lively cast. The undertone is that of a student not wholly absorbed in the gravity and dignity of editorship. A few clumsy things appear among the locals, where we find the burden of that promised song.

## INTERCOLLEGIATE.

## MICHIGAN UNIVERSITY.

1312 students are in attendance.

Prof. Watson, famous for the discovery of the new planet Vulcan, has formally accepted the call of the Wisconsin State University.

The class system is abolished, beginning with the present year. Examinations are held at the end of each half year; and a student can obtain his degree as soon as he has completed any full course.

## WEST POINT.

Rowing is a part of the regular curriculum Senior year.

Cadets number 298.

Hazing in its worst forms has been abolished.

More English is being introduced in the course.—

*Oberlin Review.*

## PRINCETON.

Foot-ball reputation becoming brilliant.

The College intends withdrawing from the Intercollegiate Literary Association after the coming contest.

University system claimed in embryo. Philosophical Calculus, the Greek Drama and Anglo-Saxon, as electives, being the basis.

## MISCELLANEOUS.

Oxford University is about ten centuries old, and has an income of \$1,000,000.—*Ex.*

Edinburg University has 2,560 students.—*Ex.*

Harvard Juniors, as well as Seniors, have voluntary recitations this year.—*Ex.*

Yale has received 1,300 volumes written in the Chinese language, from Yung Wing, a graduate.—*Ex.*

Cornell is discussing the subject of a gymnasium.—*Ex.*

Cyrus W. Field has given Williams College \$5,000 in the interest of boating.—*Ex.*

Sanskrit is taught at Rochester University.—*Ex.*

Washington and Jefferson College claims to be the oldest College West of the Alleghanies.—*Ex.*

There are 97 Colleges in the United States, with co-education principles.—*Ex.*

There are about 200 College papers printed in the country.—*Ex.*

More than 9,000 students have been educated at Phillips Exeter Academy, which is now 100 years old.—*Ex.*

## PARAGRAPHS.

Just think of all Vassar College rushing to arms!  
—*Ex.*

Inertia is when you stop a body and it keeps on.

Connection of thought between Sophomore and Sophist?

Cremation—"We earn our living, why not *urn* our dead?"—*Ex.*

Freshman to librarian: "I want Darwin's 'Origin of Species' to look up something about this finance question."

Language came into the world during Adam and Eve's first quarrel when one word brought on another.

That Sophomore needs reform who told the Professor that "calculate" meant to sum up the points in a game of euchre.

Sophomore fourth division Latin: "*Telephum dives et lasciva puella occupavit.*"—"The rich and lascivious young maiden grasped the telephone." Mr. — is reseated.—*Ex.*

Our Freshies made a brilliant exposition of their verdancy not long since by coming in chapel when nearly over, thus disturbing that religious enthusiasm which so strongly characterizes our upper-classmen.

## PERSONALS.

## CLASS.

'45.

Mr. R. J. Wright sends his address as Bustleton, Sub. P. O., Philadelphia.

'56.

Col. R. D. Barclay is private Secretary to Thomas A. Scott, President of the Pennsylvania Railroad.

'57.

We have before us the business card of Mr. William Apgar, Attorney and Counsellor-at-Law and Notary Public. He is doing a successful and flourishing business at No. 187 Greenwich St., New York, over North River Bank.

'58.

The bronze medal, at the shooting of the Columbia Rifle Association, near Washington, on Tuesday,

October 22d, was won by Prof. Wm. Harkness, LL.D., U. S. N., by a score of 216; his nearest competitors making 214 and 210. The medal was the one offered by the National Rifle Association to the Columbia Association.

'70.

Wm. S. Roney, in connection with his duties as teacher and student-at-law, is Demonstrator of Chemistry in the Hahnemann (Homeopathic) Medical College, Philadelphia.

'71.

Mr. Benj. Douglass, Jr., is connected with Mr. Francis L. Minton in the practice of law. Their office number is 314 Broadway, New York.

Mr. Horace P. Glover is practicing law at Mifflinburg, Pa.

'72.

On Thursday, November 21st, 1878, in Brainerd Presbyterian Church, by Rev. Dr. Wm. C. Cattell, President of Lafayette College, assisted by Rev. Jacob Weidman, pastor, Mr. Frank W. Burke, of Hartford, Conn., to Miss Rose M. Young, of Easton, Pa.

Mr. Benjamin Chambers has had on exhibition at Chambersburg, Pa., some specimens of artificial stone. These are an invention of that gentleman, and we believe holds a patent on the article, which may be used for paving or building purposes. We are not informed as to whether he will push his invention forward, as his first exhibition was for merely a matter of curiosity.

Rev. J. B. Andrews, of Columbus, Wis., has accepted a call from the Church of Appleton, where he intends for the future to make his home. Mr. Andrews had made many friends at Columbus, who regretted deeply his leaving. He was a hard worker for his church, freeing it for the first time of debt.

'73.

Mr. E. A. Barber is in the Philadelphia Post Office.

Mr. E. M. Killough, last February, was appointed U. S. Measurer and Inspector of the U. S. Court House and Post Office Buildings now being built at Harrisburg, Pa.

'74.

Bayless is meeting with success in his profession (law) at 17 St. Paul St., Baltimore.

Bovard is practicing medicine at Oil City.

Owing to defective eye-sight L. W. Case, was obliged to relinquish study for a season, but he hopes to be able to finish his course in medicine this year. He is at the Collège of Physicians and Surgeons, New York.

Dewalt is successfully practicing law at Allentown. He was recently made Adjutant of the 4th Regiment, N. G. of Pa.

A carriage containing a party, of which P. C. Evans was one, recently was accidentally overturned, throwing out the occupants, all of whom were more or less injured. "Pen." had a bone of his left ankle broken; he is rapidly recovering from his injury.

Heller entered upon his duties as Resident Physician at the Philadelphia Hospital, in September, to remain on duty one year.

Miller recently visited Easton on a return trip to Texas. He is now at Danville, engaged in making chemical analysis for Grove Bros., iron workers.

'75.

Mr. A. M. McComb is now employed at Drown's Factory, Frankford, Pa.

On Wednesday, November 13th, Rev. John R. Henderson was married to Miss Ella Jennings of Easton, by the Rev. Jacob Weidman, in the Brainerd Church. Many of Mr. Henderson's friends were present, among whom were some class-mates, to witness the ceremonies.

'76.

On the 22d inst., at the Asylum Chapel, Trenton, N. J., by the Rev. C. S. Vancleve, Mr. William P. Kinsey, of Easton, to Miss Maria B., daughter of the late Caleb Sager, Esq., of Trenton, N. J.

C. F. Leidy is one of the editors and publishers of the *Le Mars Liberal*, the official paper of Plymouth Co., Iowa. He was married in December, '76.

Mr. James Bacon is practicing law in the office of Williams & Cowles, Paterson, N. J.

Mr. G. M. Rea is at Hackettstown, N. J. He expects soon to get into business in New York, having changed his mind about going West.

'77.

Mr. Russell B. Harrison, who was appointed Assistant Assayer of the U. S. Mint at New Orleans, has been tendered and accepted the position of Assayer of the U. S. Mint at Helena, Montana.

Mr. Dave Hunt has just returned from Brazil, his health being much improved.

'78.

Mr. Frank E. Wade was married to Miss Theodosia Stewart on the first Wednesday of November. Mr. Wade is in the lumber business with his father at Hackettstown, N. J.

Mr. J. C. Temple spent a few days at College with his many friends, about the middle of the month.

# Annual Announcement for 1878-9.

## Lafayette College, Easton, Pennsylvania.

- I. CLASSICAL DEPARTMENT, III. POST GRADUATE DEPARTMENT,  
II. PARDEE SCIENTIFIC DEPARTMENT, IV. LAW DEPARTMENT.

### CLASSICAL DEPARTMENT.

The CLASSICAL COURSE is similar to the Undergraduate course of our best Colleges; it will continue to afford the amplest opportunities for the study of the Ancient Languages. It is the earnest endeavor of the Board to give it greater efficiency year by year. They regard it not only as the regular introduction to the special professional study of Theology, Medicine, Law and Teaching, but also as a thoroughly tried means of securing the culture and elevation of mind and of imparting the useful and liberal learning which becomes a Christian scholar.

The annual Catalogue for 1878-9 invites special attention to the following courses:

- I. BIBLICAL INSTRUCTION.  
II. MENTAL AND MORAL PHILOSOPHY.  
III. HISTORY, POLITICAL PHILOSOPHY.  
IV. HUMAN PHYSIOLOGY, PHYSICAL CULTURE.

### V. LANGUAGES.

**LATIN AND GREEK.**—During the FRESHMAN and SOPHOMORE years, the reading of classic authors is accompanied with daily lessons in grammar, and it is made the main part of the recitation to apply the grammar just learned to the text which is read.

In the JUNIOR and SENIOR years the reading is also connected with the application of the principles of Comparative Philology to the text and with the studies of History, Constitutional Law, Rhetoric and Mental Philosophy, which the class are pursuing at the time in special text books.

**ENGLISH, FRENCH, GERMAN &c.**—The ENGLISH LANGUAGE is studied in the same way as the Latin and the Greek. An English Classic is taken up. The text is minutely analyzed, the idioms explored, and synonyms weighed. The rhetorical laws of English Composition, and the principles of Epic and Dramatic art, are applied to Milton, Shakespeare, and other English Classics, line by line. The character of the author, and his life and times, are studied, and an attempt is made to comprehend these great representative works in their relations to the English Literature, and the English race. The text is also made the foundation of more general study of language.

ANGLO-SAXON, GERMAN and FRENCH are studied in the same way, and all the languages of the course are systematically compared in the light of modern philology, so as to illustrate each other and language in general.

### VI. MATHEMATICS AND ASTRONOMY.

To these branches are devoted about four recitations a week during the whole Classical Course.

In the more advanced subjects the studies are directed and illustrated by lectures. In the applied Mathematics students are practiced in the handling of instruments, the taking of observations, and in field-work of every kind. In astronomy they are taught the working of the Observatory.

### VII. PHYSICS.

In Mechanics two courses are given; one a general course in a college text book, accompanied with lectures and experiments, the other a thorough mathematical discussion of the subjects. The latter course is elective with Greek for students of the Classical Course.

In other subjects text book study is accompanied with illustrative lectures, aided by apparatus which will bear comparison with that of any other of our colleges, and which is continually enlarged and improved.

In Physics, as well as in Astronomy, Chemistry, Engineering and Natural History, the studies are illustrated by thirteen hundred wall-charts, many of which give illustrations not otherwise easily accessible to students.

### VIII. CHEMISTRY.

The study in this department begins with a course of lectures on General Chemistry combined with the study of a text book. In connection with these lectures each student is required to perform for himself a course of illustrative experiments in the Laboratory, under the direction of the Professor; and they are invited to pursue Analytical Chemistry through the rest of the course. The apparatus for experimenting has recently been enlarged by extensive purchases, and is of the most complete kind. One whole story of Pardee Hall is devoted to Chemical Laboratories and Lecture-rooms, and every aid known to modern educators is there offered to each student in prosecuting his studies.

### IX. BOTANY, ZOOLOGY, GEOLOGY.

The instruction includes structural and descriptive Science,—field excursions for observations and collection, preparation and of specimens, drawing, the use of microscope, and other means of refined observation. The collections in Botany are most ample. There has been lately added to the College Herbarium the extensive collection of Prof. Porter, the fruit of thirty years labor on his part, embracing the complete Flora of Pennsylvania. In GEOLOGY, besides the text-book study, Professor Porter delivers a course of lectures on the connection between Natural Science and Revealed Religion.

In MINERALOGY the classes have the advantage of the admirable cabinets prepared for the Technical Course of Metallurgy and Mineralogy.

## PARDEE SCIENTIFIC DEPARTMENT.

The new building for the use of this Department was formally opened and dedicated October 21, 1873, in the presence of His Excellency the Governor of Pennsylvania and other State officials, the Synod of Philadelphia, and a great assembly of the Alumni and other friends of the College and friends of education. This building, with its scientific equipment, cost more than a quarter of a million of dollars, and is the munificent gift of A. Pardee, Esq., the founder of the Scientific Department of the College. In determining what rooms were needed and the best arrangement of them, similar buildings in Europe, as well as this country, were carefully studied, and liberal provision has been made in all the departments of instruction for every aid which has been devised for the most thorough and attractive teaching, and also for the prosecution of original researches.

*The Pardee Scientific Department, in Lafayette College, was organized in 1866, and embraces the following Courses :*

### CULTURE COURSE.

A GENERAL SCIENTIFIC COURSE parallel with the Classical Course of the College, except that the Philological Study of the English and other Modern Languages takes the place of Latin and Greek. It is designed, therefore, for those who wish to study the Natural Sciences, Mathematics, Modern Languages and Literature, History, Mental and Moral Philosophy, Rhetoric and Logic, as a substantial basis of knowledge and scholarly culture, and who would be glad to enjoy the cultivation and learned habits and associations of college life, but who will not study Greek and Latin. *Graduates in this Course receive the degree of BACHELOR OF SCIENCE ; or those taking Latin, BACHELOR OF PHILOSOPHY.*

### TECHNICAL COURSES.

1. ENGINEERING COURSE, designed to give professional preparation for the location, construction and superintendence of Railways, Canals and other Public Works ; the trigonometrical and topographical surveys of States, Counties, etc.; the surveys of Rivers, Lakes, Harbors, etc., and the direction of their improvement ; the design, construction and use of Steam engines and other motors, and of Machines in general ; and the construction of geometrical, topographical and machine drawings. *Graduates in this Course receive the degree of CIVIL ENGINEER.*

2. MINING AND METALLURGY. This course offers the means of special preparation for exploring undeveloped mineral resources, and for taking charge of mining and metallurgical works. It includes instruction in Engineering as connected with the survey and construction of mines, with the construction and adjustment of machines, and with machine drawings ; also, instruction in Chemistry and Assaying as applied to the manipulation of ores and other minerals. *Graduates in this Course receive the degree of MINING ENGINEER.*

3. CHEMISTRY.—This course includes text-book study, lectures and laboratory practice, every facility for which is found in the extensive laboratories of Pardee Hall. Particular attention is given to the Chemistry of Agriculture, Medicine, Metallurgy and the Manufacturing Processes. *Graduates in this Course receive the degree of ANALYTICAL CHEMIST.*

4. SPECIAL COURSE or WORKING SECTIONS, designed for those who wish to devote their whole attention for a short time to thorough preparation for professional employment in Road engineering, Mining Engineering, Metallurgy, Economic Geology and Applied Chemistry. *Those who complete the work of these Sections receive a CERTIFICATE from the Faculty.*

## POST GRADUATE DEPARTMENT.

6. POST-GRADUATE COURSES, designed for Graduates of Colleges or Scientific Schools, and others having suitable preparation. Such persons may pursue advanced studies in any Department, under the direction and instruction of the Professor in that Department, and may have the use of the laboratories, apparatus, collections and libraries of the College while prosecuting their researches. *Those who complete a three years' Course in these post-graduate studies receive the degree of DOCTOR OF PHILOSOPHY.*

## LAW DEPARTMENT.

The LAW DEPARTMENT was organized by the Trustees of the College in 1874. Further information may be obtained by addressing the Dean of the Law Department, Hon. William S. Kirkpatrick.

The COLLEGE CATALOGUE, containing the full courses of study, both in the SCIENTIFIC and CLASSICAL Departments, with the conditions for admission in each, the tuition fees, general expenses and other information, may be had on application to any of the following members of the Faculty of the College :

WILLIAM C. CATTELL, D.D., PRESIDENT  
and Professor of MENTAL and MORAL PHILOSOPHY.

TRAILL GREEN, M.D., LL. D., DEAN OF THE PARDEE SCIENTIFIC  
DEPARTMENT and Professor of GENERAL CHEMISTRY.

FRANCIS ANDREW MARCH, LL.D., LIBRARIAN,  
and Professor of the ENGLISH LANGUAGE and COMPARATIVE PHILOLOGY.

JOHN LEAMAN, A.M., M.D., Professor (EMERITUS) of HUMAN PHYSIOLOGY.

LYMAN COLEMAN, D. D., Professor of LATIN and BIBLICAL GEOGRAPHY.

THOMAS C. PORTER, D.D., Professor of BOTANY and ZOOLOGY.

ROBERT B. YOUNGMAN, A. M., CLERK OF THE FACULTY, and Professor of the GREEK LANGUAGE and LITERATURE.

AUGUSTUS A. BLOOMBERG, Ph. D., Professor of MODERN LANGUAGES.

FREDERICK PRIME, Jr., A. M., Professor of METALLURGY and MINERALOGY.

E. H. BARLOW, A. M., Professor of RHETORIC and ELOCUTION.

RUSSITER W. RAYMOND, Ph. D., Lecturer on MINING GEOLOGY.

SELDEN JENNINGS COFFIN, Ph.D., Professor of MATHEMATICS and ASTRONOMY.

J. W. MOORE, A.M., M.D., Professor of MECHANICS and PHYSICS.

J. M. SILLIMAN, M. E., MARKLE Prof. of MINING ENGINEERING and GRAPHICS.

JOSEPH G. FOX, C.E., Professor of CIVIL ENGINEERING.

THOMAS M. DROWN, M. D., ADAMSON Professor of ANALYTICAL CHEMISTRY.

A. BALLARD, D.D., DOUGLASS Professor of CHRISTIAN GREEK and LATIN.

A. L. BAKER, C. E., Adjunct Professor of CIVIL ENGINEERING.

JOSEPH JOHNSON HARDY, A. M., Adjunct Professor of MATHEMATICS.

DAVID BENNETT KING, A. M., Adjunct Professor of ANCIENT LANGUAGES.

WILLIAM BAXTER OWEN, A. M., Adjunct Professor of ANCIENT LANGUAGES.

A. H. CAUGHEY, A. M., Adjunct Professor of ANCIENT LANGUAGES.

J. G. DIEFENDERFER, A. M., Adjunct Professor of MODERN LANGUAGES.

EDWARD HART, B.S., Adjunct Professor of GENERAL CHEMISTRY.

FRANK C. BLAKE, B.S., Adjunct Professor of ANALYTICAL CHEMISTRY.