

# THE VOLANTE.

VOLUME I.

UNIVERSITY OF CHICAGO, JANUARY, 1872.

NUMBER 1.

## MIRTH.

Come, then, my Mirth, be cheek so red,  
With sparkling eyes and wimpled hair,  
And merrily, as the hue  
Of ray, how sweetly heavenly blue,  
And simplest plying, as a sock,  
Beneath the roses of the cheek;  
Come, come, and sing with thee, my maid,  
The sister Joy, thy very shade,  
Who near behind, in pleased delight,  
Doth more sedately wing her flight,  
As mother sweet, with full breast,  
Doth follow child on mischief bent,  
And I'll cast off stern Wisdom's policy,  
And doff her sadly-colored cloak;  
Then hand in hand we three will stray  
Through checkered shades the livelong day;  
And then we'll seek when night's at hand  
The festive room and dancer's band;  
We three'll trip through the merry dance,  
With all its beauteous circumstance,  
Where beauty's eyes cast magic darts,  
And o'er bridged hands pass out our hearts,  
Then Mirth and Joy we three must part,  
E'en though it tears my utero heart;  
A day I'll pass with you, my dear,  
With Wisdom I must pass my years.

WILL I AM.

## PRACTICAL USES OF ASTRONOMY.

TRUMAN HENRY SAFFORD.

I.

Astronomy, as a promoter of material progress, acts directly through its capacity of measuring time, distance, and direction.

Any one can tell roughly what time of day it is, looking at the sun. A little practical knowledge of the phenomena of apparent solar motion enables this to be done with greater accuracy; and with astronomical instruments sun-time can be reckoned within a fraction of a second. But sun-time, though closely connected with the material phenomena we see around us, is not regular; some sun-days, from noon to noon, are longer than others; and a sun-clock, going exactly to correspond with the sun, would be a very complicated machine, would sometimes be fast and sometimes slow of an ordinary clock whose days are all equal. To-day (January 19) a sun-clock would be eleven minutes slow. It is not everybody who could afford a sun-clock, or watch; and for that and various other reasons it is usual to employ a simpler machine, like our ordinary clocks and watches.

There is a kind of time whose days are practically of equal length—star-time. This is the time astronomers use; a star-clock is in every observatory. It is set right when it goes wrong by observations on the stars; and a skillful astronomer can tell its time pretty nearly without any instruments by simply looking at the heavens on a clear night, and more closely still with proper instruments.

But this kind of time has its inconveniences, not the least of which is that it is not adapted to regulate the hours of a household, for a star-clock has the bad

habit (in domestic affairs) of gaining a day every year, two hours a month, about half an hour a week. I do not know whether an astronomer ever tried the experiment of getting up and going to bed, of breakfasting and dining, at the same star-time through the year. If he did so, his present hours (January 19) would be, in common time, breakfast at 11 a. m., and others to correspond. This might do for some; but the same people would find it disagreeable, when May came, to breakfast at 4 a. m. The astronomer, however, does not need to be at work at the same star-time through the year; on the contrary, he must distribute his work through the different star-hours; and, as a rule, the most work is accomplished by an observer who takes either the first half of the night or the early evening and early morning for his observations; the more as an observer can in two hours observation give himself two days work in calculation, the "*reduction of observations*" being more difficult than making them. An observation of the moon, which it takes three or four minutes to make, is estimated at Greenwich to cost a pound sterling in calculations. So that, finally, the astronomer regulates his life by ordinary time. It is, however, necessary for him to work much and intensely by night, and his habits have to be, in some degree, those of an owl; he is not always an early riser.

But, on the other hand, his star-time regulates all the watches and clocks of the community; and now-a-days this point is growing in importance. The habits of modern society are growing in importance; in large factories, in railway establishments, and in schools, punctuality and regularity are seen to have great money value; and a city is often much benefited by exact time, which is nowhere obtainable except from an observatory.

There is a calculation necessary to get star-time, and another to change star-time into common time; and these are among the first problems of practical astronomy which a pupil should learn to solve.

The streets of the city have been (mostly) laid out according to the "points of the compass," as is ordinarily said; but, in fact, the compass needle varies in direction from year to year. Perhaps the word "compass," in the phrase first quoted, does not mean, primarily, the magnetic compass, but the "compass of the horizon." Be that as it may, our streets run nearly, if not quite, north and south, or east and west. This was ascertained by astronomical observations; and any old land survey, where re-surveyed on the loss of fixed boundaries, must be fixed anew with reference to the true north.

The United States Land Office has for many years conducted its surveys in the West in the same way, rather roughly, it is true, but still in a better manner than was done in New England. We have not the many-cornered townships, counties, and States of New England, save in unavoidable cases.

I believe that between the British Possessions north-



West of us and the United States there is an unsettled boundary, which the astronomical surveyors of the two countries will have soon to rectify.

The way this is done is the following: The polar star appearing in Chicago at an altitude about midway between the zenith (the point immediately overhead) and the horizon, as we go north it appears to rise, and all the stars near it appear to accompany it, while the stars south appear to sink proportionately. When, therefore, we can locate the zenith among the stars we know precisely how far north we are. But to know within 10 or 20 feet where the boundary of two countries is, is a very delicate problem, as the 10 or 20 feet amount, astronomically, to about the least thing we can measure with the most delicate instruments. There may be important buildings located, or important legal transactions done, on the wrong side of the boundary. I believe there is some such dispute at Pembina.

Astronomy tells us directly where we are in a north and south direction; our location east and west is indicated by the time. There is a fixed line on the earth—the equator—from which latitude is reckoned; longitude is always counted from an Observatory. As sailors need most to locate themselves on the map, and as England has been long pre-eminent at sea, Greenwich is the usual "prime meridian," though it has not entirely supplanted the old reckoning from Ferro, a mythical locality twenty degrees from Paris.

To get the longitude of any place we have to get the star time at that place, and for the same instant at some other place where longitude from Greenwich is known.

The combination of time of two places is best made by electric telegraph. Chicago is five hours, fifty minutes and twenty-six seconds of time west of Greenwich. This, however, applies to the Dearborn Observatory, and any other point north or south of it, for the late Court House is about five seconds further west, and the extremity of the West Division nearly twenty seconds.

It is an old joke among astronomers that when one of them wishes to visit another he can carry with himself a chronometer watch and sextant, and make observations on the way till he finds his friend's Observatory; he does not need to inquire the way. The Cottage Grove horse-car line would be distinctly indicated in this manner as the nearest route to the Dearborn Observatory from the corner of Twenty-second street, and it would be there manifest that something more than a mile south must be travelled.

Astronomy, then, is of material benefit in the determination of time, latitude and longitude, and in land surveying; and for its uses of this kind fixed observations are indispensable. It is also auxiliary to other departments of human life; on the sea shore it predicts unusual tides, and thus enables those who are sufficiently intelligent to avoid inundation of their property. I fancy this is especially important in Holland and on the flat coasts of Northern Europe.

"Have you got any copies of 'Prometheus Unbound?'" inquired a student at an Ithaca book store. "No," replied the proprietor, "but we will order you a copy of Prometheus and have it bound as cheaply as possible."—*Era*.

### THE SENIORS.

Where are the Seniors? Nowhere. What are the Seniors? Nothing. Do you doubt it? Let the facts speak.

Only a few years ago, as some of us do well remember, when we were lower classmen, it seemed that college had no brighter attractions than those the Senior year presented. Not only for the reason that then, so nearly through our course, we begin to shake and loosen from our limbs the cords of college discipline that bind them, and rejoice in the prospect of a speedy liberation; nor yet because tradition gave us promise of easier times, a generous and a social life in this our last, the Senior year. But chiefest of the charms that caused our longing for the coming of that time, we esteemed the honor and the confidence, the dignity and respect that seemed to us to be a Senior's from their very nature. Honorable it was for him to have passed successfully the obstacles that bar his college course; the Faculty had confidence and trusted him; lower classmen paid him due respect; and he bore himself with the dignity that all these naturally bestowed. So, at least, we reasoned, it ought to be, and thought we saw in Seniors then what seemed to confirm our views.

But now, that we are Seniors, too, and the distance that may have lent enchantment has dwindled away, the brightness of our hopes has also faded. There must have been a change, it seems, for surely Senior life as we behold it is not what those other Seniors led six years ago. Of the honor, dignity, respect, and even the confidence which they enjoyed, we see nothing. It used to be that when a preparatory student met a Senior on college campus, or in college halls, a respectful touch of the hat gave acknowledgment of his presence; but now so altered is the state of things that the Senior is either totally ignored, or hears in a loud whisper from the prep., "Say! that's a Senior;" or else feels a hearty slap on the back, accompanied with a "Ho! old boy, how are you?" But even farther may the force of impudence go. An upper classman, it would seem, must not venture even to contradict the opinions of one of these in the Preparatory Department. Not long ago, a Senior did presume to say a few words in opposition to a third year Prep., when, astonished at such presumption, the youngster rose to learn who that red-headed chap with the glasses, who spoke against him, was.

One lower classman, however, and we say it to his honor, did recently touch his hat on meeting a Senior in the street. So rare an action deserves mention, and we would mention the young man's name, did we but know it.

The cause of this seeming disrespect on the part of under classmen lies too deep for us to reach. It is not that the Seniors of this year, or of last year, are any the less men than those of six years ago, or that they are less gifted with literary attainments; nor are there among the lower classes, intellectual and bodily powers that can despise the acquirements of those who are years above them. Modestly as we can, we declare that the present Senior and Junior Classes are as fine sets of men, socially and intellectually, as the college has seen during our connection with it.

The cause is to be found chiefly in certain unpleasantnesses that have from time to time occurred between us

and some of our Professors. They will arise, for it is impossible that it should be otherwise, lest the watchful care of the former is equalled by the latter's ready forbearance. But when disturbances do occur we claim it as a right that they shall be adjusted, calmly and peaceably, between Professor and student; that it should be incumbent on them both to keep their temper; that the latter shall not be accused and compelled to answer before a tribunal of upper and lower classmen and sub-preps. It is humiliating enough for a man to hear such accusations, wrongly or rightly made, in the presence of his own classmates. How then can he maintain any respect, if the under classes have their representatives in the room, eager and ready to report the Senior's disgrace to their fellows? And still more is the trouble augmented when a whole class falls under a Professor's displeasure, and sufferers for the failings of a few.

This would we claim if only our individual standing in college were concerned; but when we know that those who sit in our recitation rooms and hear all that occurs, are students from the city, and report at home what passes here, we feel that college reputation is also endangered. The upper classes, Senior and Junior, more than all the others, make a college what it is; then let our instructors see to it that they injure their institution as well as us. X. ANTHUS.

### ABROAD.

Fifty American Colleges admit women.  
The class of '72 at Bowdoin numbers 73.  
Yale gave \$800 to the Chicago relief fund.  
Hamilton wants a new clock for the chapel time.  
Gen. Chamberlain is the new President of Bowdoin.  
Edinburgh University is to have a Professorship of Celtic.

Williams is Alma Mater to thirteen college presidents.

There are one hundred students in Drew Theological Seminary.

The Michigan State Agricultural College at Lansing has 141 students.

The elective system at Harvard extends now to the Sophomore year.

In the University of California, attendance on chapel exercise is voluntary.

Cincinnati University is to commence with nearly \$2,000,000 endowment.

Of the Williams alumni fifty-three have gone into the Foreign Missionary work.

It is contemplated to erect the finest University building in the world at Berlin.

The new building of Wheaton College, at Wheaton, Ills., is approaching completion.

The President of Columbia receives \$8,000, and the Professors \$6,000, per annum.

The Theological Department of Shurtleff, after one year's vacation, has been re-opened.

The number of students at Beloit is 58 in the college classes and 145 in the Preparatory Department.

Amherst has immortalized the venerable philosopher, Horace Greeley, by conferring upon him an LL. D.

The Seniors at the North Western have adopted a class badge. It is a seal ring, with square set of dark onyx, bearing the legend "'72."

Oberlin College has considerably over a thousand students.

There was considerable small-pox excitement at Lafayette College, Pa., during the latter part of last term.

At Bowdoin a new scientific course has been established, which appears to be one of the finest in the country.

A new school of journalism has been established at Yale. Ex-President Woolsey has charge of the Department.

Williams College alumni lost \$577,000 by the Chicago Fire. Lieut. Gov. Bross of the *Tribune* was one of the principal losers.

"Five hundred buckwheats at a single fry," is the capacity of the Vassar College griddle. They must buy syrup by the hogshead.

The Presidency of the new University at Cincinnati has been offered to Herbert Spencer, but it is said that he declines.

The '74 boys at Williams amuse themselves by throwing hymn books at each other's heads during chapel exercises.

The Duke of Devonshire has given as the subject for the English poetry prize at Cambridge, England, "The Destruction of Chicago."

President White, of Cornell, has recently visited Oberlin College for the purpose of studying the subject of co-education of the sexes.

The class of '72 at Michigan University have decided to employ Notman & Fraser, of Toronto, as their class photographers. The senior class contains 84 members.

President Sturtevant of Illinois College, Jacksonville, in a short pithy article to the *Chicago Tribune* contradicts the statement that Illinois is to be united to Knox College.

Wooster University, Ohio, has 70 students and no Preparatory Department. Dr. Willis Lord, formerly of the Presbyterian Theological Seminary of this city is the President.

The December number of the *Tripod* has appeared and looks "tip top." The *Tripod* and *VOLANTE* ought to be very fraternal since the copy of both was decidedly scorched by the October blaze.

A "new departure" has recently taken place at Ann Arbor. The lower classes are divided into sections according to their ability as students. This does not seem to be satisfactory to the majority of the boys.

Two or three weeks since one of the main buildings of Iowa College, situated at Grinnell, was burned to the ground. It will take \$30,000 to replace the building, work upon which is to commence in the spring.

An exchange reports that Dr. McCosh of Princeton College was vexed when the Sophomores, returning from a fire, woke him with the shout of "Jimmy!" "Jimmy!" and "Come out, my fine Scotch laddie."

The *Palladium*, issued annually by the societies at Ann Arbor, recently appeared. As a frontispiece it contains a fine picture of the President of the University, James M. Angell, who was formerly President of the University of Vermont.

The young ladies at South Hadley have had the following additional rule added to the already long list. "All young ladies visiting Amherst will be deprived of their pocket handkerchiefs immediately on entering the town, by the accompanying teachers.



# The Volante.

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THE VOLANTE is the successor of the *College Times*. It is, however, more immediately the organ of the students than the latter, being not the experiment of public spirit in a few, but the voice by adoption of the Student's Association of the college. Its editors are chosen from the Senior Class; its publishers are elected at large. The corps of conduct, once for all, remind the students of their duty to their paper, which is hearty support: first, pecuniary; second, literary; third, moral. Messrs. Snowden and Tucker, editors, and Messrs. Davidson and Roney, publishers of the *Times* during last year, set a glorious example of enterprise and self-sacrifice, with an abundant lack of encouragement. It is to be feared that the way in which they trod may not hold out to the present conductors of THE VOLANTE such pleasing allurements as will induce them to follow the same flowery path.

THE VOLANTE has no policy to enforce against the will of the college commonwealth. Its office and its endeavor will be in the higher sense to please. While not shrinking from the treatment of questions upon which there may be disagreement, its aim will be the expression of honest opinions and criticism without bitterness. Contributions will be gladly received from all connected with the college, officers, alumni and undergraduates, and especially are such favors requested from members of the Faculty.

THE delay of this initial number of THE VOLANTE has been due to a calamitous concatenation of circumstances, over which it grieves us to confess we had not control. The hot snap of October 8th withered into hopeless illegibility the copy for the first issue. In the dark days that followed, when suspension seemed inevitable, plans for probable migration took precedence of college journalism. Subsequent resignations, financial inability of friends and patrons—all together made the publication of the paper impracticable last term.

The vacancies left by Messrs. Grose and Egbert have been this term happily filled by the choice of Messrs. Sampson and Harper; our friends come to our aid; the University prospers; and we are enabled to present No. 1 of Volume 1.

Many alumni will receive this copy, with this invitation to subscribe. We shall know of a truth from the result, whether the warmth of feeling generated at the last alumni dinner is a perennial enthusiasm, or was only the regular annual gush of affection for *alma mater*.

WE are confident that we express the general sentiment of college when we say that the institution stands even higher now in the esteem of those who enjoy its privileges than it has before in some years; so much so that we seem to have entered upon a new departure in our history.

This state of things has been brought about by a variety of concurrent causes. Under the management of the President most gratifying progress has been made toward the firm financial ground upon which the college shall in future rest.

We are informed that the suburban property purchased last summer after the inevitable temporary depreciation, has since risen in value, and is selling satisfactorily. The conduct of domestic affairs is characterized by business promptitude and thorough economy.

In the Department of Instruction all the chairs are ably and popularly filled, and new officers have been added to the corps. The voluntary assumption by the Faculty of extra duty in the Preparatory Department, is a measure whose expediency we regret, but at the same time can not deny. It is, however, a further proof of the loyalty to the college, shown immediately after the "8th of October," when, notwithstanding the apparent ruin of carefully matured places for financial relief, the destruction of the sources of present supply, and warm invitations to pecuniary certainties elsewhere, the Professors determined to be the last to give up the ship.

The general appreciation of the improvement in our affairs, has its evidence, we think, in regularity of attendance and in the character of recitations.

Who "cuts," or "bolts," or "flunks"?

"Stolen from Room C., a door mat."

"Missing: A water pitcher with a broken nose."

"Taken from Room B., a looking-glass."

"Will the one who borrowed my pocket-knife please return, &c."

"A monkey-wrench unaccountably disappeared from its pleasant quarters, last vacation, and its master waits its return at Room 13."

Such are a few of the announcements that appear, from day to day, placarded on the face of our College Bulletin Board.

Very suggestive they are of various ideas and trains of thought, and some perhaps will make you laugh, and some provoke a sigh.

We wonder if the gentle thief whose fingers bore away the mat our heels had often trod were not the one who asked us to his den last week, to show a floor resplendent in the glory of a new attire, and walls whose polished surface bore no trace of annotated heads that once had rested there. Then will the future visitor to that student's room be spared from pain, and never have the pleasure of his visit marred by meaning glances,—hints about the mud upon his shoes. If blessings ever follow stolen property, this surely will be blessed, for it has found its place of greatest use.

The pitcher with the broken nose, if it speaks at all, would merely say a word of comment on the mistaken economy of our Faculty, who press a student so hard that his morals cannot withstand the allurements of a water pitcher, and a broken one at that. But it also

## AT HOME.

At Home greets you, readers of the VOLANTE, as the index of our inner college life. Not only that, but we intend to make it the medium of information regarding facts, occurring both in Chicago and abroad, which have particular reference to the UNIVERSITY.

Although the October Fire Fiend did not succeed in enclosing in his grasping fingers the mass of stone and masonry which in its architectural beauty adorns our campus, yet he did succeed in crippling by his crushing power the main financial resources of our to be Alma Mater. Everything at all Chicagoan felt the blow, and the University was not an exception. But nobly has she held her own, and with such fine talent as she now has at the business helm, and by the aid of her many friends, we expect to see her come out ere long free from debt and stronger than ever. Although one might expect that the number of students would diminish after the great conflagration, we are happy to state that it has rather increased. The four college classes now contain in the aggregate about eighty, and each class is larger than the corresponding class last year. Great honor is due to the

## FACULTY

for the decision and determination which they displayed during the momentous fire week and thereafter. A meeting was held on Monday morning, October 9th, while the flames were still raging, at which it was determined to continue the regular classes on Tuesday, whatever should occur. That decision was carried out, although in some cases there were only one or two at recitation, and thus general demoralization was prevented. Some changes have been made in the Faculty since last year, the principal one being the appointment of Rev. Dr. R. E. Pattison as Vice President. The Doctor was for twelve years President of Waterville College (now Colby University), Maine, and has recently been connected with Shurtleff College, and the Baptist Theological Seminary of this city.

Dr. Pattison, in the absence of Dr. Burroughs on financial business, has been the acting President during the fore part of the college year, and he has certainly won the highest regard of every student, both on account of his deep erudition and the interest which he manifests in each individual's welfare. Prof. Wheeler, although he has done some work in the laboratory, has not taught any during the present year. He has had considerable success in making discernable, through chemical combinations, writings that were charred by the Great Holocaust. Professor Beal, who has given instruction in Natural History before in the University, has had the Seniors in Zoology and Geology, and the Juniors in Botany during the past two months, and will continue his instruction until about the middle of the present term.

At a meeting of the National Teachers' Association, held at St. Louis during the latter part of August, Prof. Safford read an article on "Modern Mathematics in the College Course," which was very highly spoken of by the press.

Three of the Faculty, Profs. Boise, Mathews, and Wheeler, spent their summer vacation in Europe. Among the finest collections in

## NUMISMATICS

to be found in this country is one which has recently been presented to the University by one of its most earnest patrons, Rev. Dr. Miles Sanford, of Philadelphia. The collection was made by his son, Charles D. Sanford, who was one of the heroes that fell in the late civil war, and embraces 3,500 coins, some of them being very ancient and valuable. The composition of the coin is as follows: Gold, 3; German silver, 7; gutta percha, 10; bronze, 29; nickel, 32; tin, 205; brass, 48; silver, 553, and copper, 1,672. Nearly every part of the globe is represented, from Java and Hindostan, to Nova Scotia and Venezuela. It is a collection which is now of rare value, and this value is continually increasing as it becomes more difficult to procure the different pieces. The coins are to be arranged in the library, and will be of great interest to all, both those connected with the institution and visitors.

On the evening of Thursday, November 9th, quite an innovation took place in the exercises of the

## TRI KAPPA.

which consisted of a Public Meeting in the Chapel. It was not intended that there should be as much preparation made as in the annual exhibitions, but something similar to the regular weekly meetings, only making it more public. The exercises, taken together, were of a medium character, but hardly came up to the standard of some which we have witnessed before in the K. K. K. The singing of Prof. Gill, of the Leipzig Conservatory of Music, and E. H. Pratt, '71, was very fine. The society held their regular election of officers for the present term on Saturday, December 16. The election resulted as follows: President, G. Sutherland; Vice President, Miss Alice Boise; Secretary, J. E. Rhodes; Sub Secretary, L. H. Holt; Librarian, T. E. Egbert; Treasurer, W. H. Windes; 1st Critic, Frank Ives; 2d Critic, A. J. Sherman; Editor-in-Chief, F. J. Wilcox; 1st Assistant, B. Patt; 2d Assistant, R. A. Allison. On the Friday evening preceding, the

## ATHENEUM

elected officers for the present trimester, with the following result: President, H. T. Clendenning; Vice President, R. R. Coon, Jr.; Secretary, B. L. Aldrich; Assistant Secretary, W. D. Gardner; Treasurer, C. A. Beverly; Librarian, F. H. Levering; Critic, N. E. Wood; Literary Editor, A. B. Price; Political Editor, O. R. Brouse; Local Editor, C. C. Adams. At the first meeting of the present term the President appointed as the Executive Committee Messrs. Olson, '73, Beverly, '72, and Adams, '73. During the last session two meetings of the

## STUDENTS' ASSOCIATION

were held. At the first, held in the latter part of September, the officers for the term were elected as follows: Davidson, '72, President; Clendenning, '73, Vice President; Egbert, '74, Secretary, and Boganau, '75, Treasurer. Messrs. Wood, '72, and

has a word of pity for the unfortunate loser, if he expects to replace his loss, except by going to the bottom of his pocket and taking therefrom to buy a new one.

The owner of the looking-glass, perhaps, would listen kindly to a little advice, in hopes of recovering his property and detecting the thief. He does not go to chapel, so it would be well to take a stand upon the stairs, and criticise the hair of the students passing by. Mark the one whose locks show marks of closest care, symmetrically arranged, with no one hair swerving to right or left from its proper place, and then an errand to that young man's room will probably discover the missing treasure. And yet, it's not a very good glass after all.

Then the borrower of that pocket-knife must surely be a Yankee, or with a Yankee's knack for whittling, but his powers were cabined, cribbed, confined, by want of a tool. Buy one he couldn't, and so he borrowed, with the hope that the lender would forget it, as he certainly should. Seemingly the lender did forget, at least the person whom he favored, and the thief is happy in the possession of his prize, save for an occasional twinge that his conscience may give at sight of the notice on the Bulletin—that is, if he has any.

Happily for our University, thieving to any extent has been a thing unknown within her walls. Three years ago, as some of us remember, we were locked up and our persons and our rooms searched, in hopes of finding valuables lost by one of the students. Unsuccessfully, however, and whether the lost property was really stolen or not, is, to say the least, doubtful. It may be that we have been blessed with pure morals in our students; it may be that we have not been blessed with a sufficiency of worldly goods to entice the thief. Certain it is, however, that the purity of our morality in this respect is corrupting fast. We seem to have little regard for the rights of property in small matters, and from those to greater the transit is easy. Reports of furniture disappearing from various rooms, of coal piles dwindling too rapidly away, are rife; and it is high time for students, one and all, to raise the cry and stop the thief.

## HYMENIAL.

In Chicago, on Thursday evening, Dec. 28th, at the residence of the bride's father, by the same, assisted by Rev. O. O. Stearns, Prof. Edward F. Stearns, '69, to Miss Eva, daughter of President J. C. Burroughs, of the University.

At Washburne, Ill., July 17th, 1871, by the Rev. W. James, Rev. Wilson Whitney, '71, of Rockton, Ill., to Miss Mary Goodell, of Washburne.

At Indianapolis, Ind., on Tuesday, Aug. 2d, 1871, by the Rev. H. Day, Edward C. Osgood, formerly of '71, to Miss Marie Dahl.

So they go. Hardly waiting to be freed from the fetters of college life, Whitney hastened to entangle himself in the matrimonial noose; and, leaving the chum of his student days, claimed the one who should be a life-long chum. Osgood, with that rare good sense of his, thinking that in a wife, a sound body as well as a sound mind is necessary, sought for such a one in a ladies' gymnasium, and having found her, he—well, see the notice.



Wyman, '72, were appointed the College Committee on Music. On December 19 a second meeting was called, to take action with regard to the Publishing Corps of the VOLANTE. Egbert, '74, resigned his position on the corps, and Messrs. Sampson, '73, and Harper, '74, were appointed to fill the vacancies caused by his resignation and the departure of Grose, '74. Among the athletic sports which have been most popular with the University boys

#### BASE BALL

has undoubtedly borne off the palm. Who that remembers the old Resolute nine of 1867-8 can but long for the time when we shall again be as successful on the diamond field. Second to but one in the city, they certainly did much towards increasing the reputation of the University. An organization had just been effected at the time of the little blaze down town: Clark, '72, President; Wheeler, '73, Vice President, and Cole, '72, Secretary and Treasurer, were the officers, and a nine had already been selected. Two or three of the best men have left college, but there is plenty of first-class material remaining, if it is only well developed. We trust that early in the spring the officers and those interested will take hold of the matter in earnest. Among such men as Cole, Hall, Wilson, Wyman, Adsit, Johnson, Hoyne, Sanford, Egbert, Boganau, Bush, and others, a nine could easily be chosen which would be a credit not only to us as students, but to the institution which we attend.

One of the principal events which happened at the University during the last vacation was the New Year's call of the Grand Duke

#### ALEXIS,

of Russia. The main points of interest to the Duke were the telescope, the college buildings, and the bright-eyed damsels of the vicinity who had gathered to see the lion of the day. A collation was spread and a reception given to the honored guest in the parlor. Hon. J. R. Doolittle, of the Board of Counsellors of the Law Department, and quite a number of other distinguished personages were present, to whom the Duke was introduced by Dr. Burroughs. Alexis partook quite sparingly of the viands, satisfying himself entirely with the luscious grapes. It is still a matter of discussion as to whether he ate two or three Catawhas, but the latest authorities seem to indicate that it was two. The telescope was of great interest to the Duke, and he departed with the feeling that the University of Chicago is, taken all in all, a pretty big institution. If Alexis had remained in the city two weeks longer he might have had the opportunity of witnessing a genuine American excitement, caused by the breaking out of a

#### FIRE

in Room 19, Jones Hall. About 8 o'clock on Thursday evening, January 18th, smoke was seen issuing from the room, and two of the members of '74, who reside directly across the hall, on bursting in the door, beheld a sheet of flame. The alarm of fire was immediately given in stentorian tones, and soon the wildest excitement ensued. From all parts might have been seen the bold laddies of Jones and Douglas Halls, rushing to the scene of terror, carrying with them pitchers of water, coal-hods, dust-pans, etc. By this prompt action the fire was soon extinguished with but very little damage, and the Babcock and hose cart arrived too late for service. The occupants of the room, Messrs. Ammon and Baker, of '75, were absent at the time, and the fire originated in a mattress which they had just procured, and left in rather too close proximity to the stove. Quite a hole was also burned through the floor, which, with the injury done by water, was the principal damage. Our special reporter, who was early at the scene of action, gathered the following as among the results of the excitement: One fellow pitched his looking-glass out of the window and carried his shovel and poker carefully down stairs. Another was seen excitedly rushing about with several old pairs of pants which he probably thought could be tied around the bottom and used for carrying water. Several of the boys were also seen hanging out of their windows in different ways, undoubtedly for the purpose of self-preservation.

But this has nothing particular to do with reference to

#### CHIPS,

which will close the January "At Home." The Seminary Boarding Club has 75 members. University Skating Park is free this winter. "Are the spots on the sun visible in the day time?" was a poser recently put to the Professor by one of the Astronomical class. Very desirable—a sidewalk between the University building and the potato campus entrance. A Senior recently propounded the following: "Why is the Professor of Chemistry under the special care of Divine Providence?" Ans. Because the hairs of his head are numbered. A Phrenological Society has been organized by some of the students. Beverly, '72, is the President. Some of the boys who attend the Academy should endeavor to remove the squeaking power from their boots. A prospective theologian recently remarked that a certain house ought to be used as a pasturage (meaning parsonage.) We trust he does not intend to become herbivorous just because he has a flock. Price, '72, can play foot-ball when the mercury stands 20° below zero. The agent for Bryant's "Library of Poetry and Song" procured a large number of subscriptions among the University boys. Adams, '73, has charge of the Reading Room papers. "He doesn't mean Joan of Arc; he means the Maid of Orleans," was the astounding remark made by a Sophomore some time since. The old '71 hatchet, which was dug up by '72 last class day, now helps to adorn the walls of a Senior den in Jones Hall.

We call the attention of students and others to the clothing establishment of Edwards, Bluet & Co., who keep constantly in stock a full and complete assortment of Clothing and Gents' Furnishing Goods, which they offer to students 10 per cent. off their usually low prices. Remember the numbers, 376 State-st., and 47 West Madison-st.

#### PERSONAL.

##### '71.

Charles R. Calkins is connected with the Treasury Department at Washington. E. S. Chesbrough, Jr., is attending lectures at Harvard Law School. William J. Herrick is a pedagogue. A. L. Jordan is pastor of the Coventry Street Baptist Church, and also taking his senior year in the Baptist Theological Seminary of this city.

Fred P. Powers took passage on the Quaker City for Smyrna in the latter part of August. He has gone to visit his father, who is a missionary in Turkey, under the A. B. C. F. M.

E. H. Pratt is attending lectures at Hahnemann Medical College, in this city. He has also obtained a very fine position in the Scammon Hospital, connected with the college.

Clinton A. Snowdon has become a philanthropist. He has been connected with the Chicago Relief Board since the fire, and his headquarters at present are on Twenty-second street, near Bridgeport.

Alfred B. Tucker, after a trip to Kansas and the Far West, has swung out his shingle as a disciple of Blackstone, in Logansport, Ind.

Frank R. Webb is pursuing a post graduate course in Dickens, and, like Wilkins Micawber, "waiting for something to turn up."

Wilson Whitney is pastor of the First Baptist Church at Rockton, Ill. By reference to Hymenial, it will be seen that he has become a victim.

W. W. Everts, Jr., '67, still continues as Tutor of German in the University. He is also a member of the class of '73 in the Baptist Theological Seminary, and is likewise a successist as a foot ballist.

O. G. May, '67, is pastor of the First Congregational Church at Marseilles, Ill.

B. B. Blake, '68, is in the woolen manufacturing business at Racine, Wis.

H. A. Gardner, '68, has hung out a new law shingle at 188 West Madison street. His old one was slightly scorched early on the morning of Oct. 9th, '71.

John F. Wilson, '68, is paying teller in the Manufacturers' National Bank, of this city, which is at present located at 454 Wabash avenue.

Frank J. Kline, '69, is civil engineer on a railroad which is constructing between Dubuque and Clinton, Iowa.

Edward F. Stearns, '69, is Principal of Wayland University, at Beaver Dam, Wis. Since graduating, he has been teaching in the same institution, of which he now stands at the head. By referring to another part of THE VOLANTE, it will be seen that his nuptials with Miss Eva, daughter of President Burroughs, were celebrated on the evening of Dec. 28. The spacious house of the President, corner of Ellis avenue and Douglas place, was filled with the invited guests, and everything passed off very pleasantly. After numerous congratulations, the happy couple started on a short trip to the Sunny South. A grand reception was given on Saturday evening, January 6th, to President Northrup (of the Baptist Seminary) and bride and E. F. Stearns and bride, by Mrs. Prof. E. C. Mitchell. The reception was a perfect success, as everything is which comes from the hands of Mrs. M.

Delavan DeWolf, '70, recently spent a day or two at the University. He was on his way to rejoin his class at the Baptist Seminary, of Rochester, N. Y. He finishes his theological course in '73.

H. K. Hopps, '70, was also at the University a few days since. He is now pastor of the First Baptist Church at Batavia, Ill.

T. P. Maryatt, formerly of '70, graduated with '71 at Dartmouth. He is now Principal of the High School, at Peterborough, N. H.

Mahlon O. Jones, '70, has recently returned from Europe, and is now in the law office of Scammon, McCagg & Fuller, of this city.

H. C. Hastings, '70, is taking his last year in the Chicago Medical College. He has also attained to the honorable position of one of the corps of resident physicians at Mercy Hospital, corner of Prairie avenue and Twenty-sixth street.

Louis Dyer, formerly of '71, who, since he left the University, has spent considerable time in Europe, is now a member of '74, at Harvard.

R. T. Colston, recently of '72, is now manager of a branch publishing house in New Orleans, La.

E. F. Smith, '72, is the bass of the choir at St. Mark's Episcopal Church, in this city.

N. C. Wheeler, of '73 only a month ago, is tutor in Washington University, St. Louis, Mo.

James A. Mitchell, lately of '74, is teaching school in East St. Louis, Ill.

B. H. Grose, also formerly of '74, is one of the principal reporters on the Chicago Times. Grose and Alexis became quite intimate while the Grand Duke was sojourning at the Tremont House.

#### EXCHANGES.

We have received at our sanctum the following college periodicals: Acorn, Annalist, Argus, Cap and Gown, Chronicle, College Courier, College Courier, College Days, College Herald, Hamilton Literary, Hedding Register, Iowa Classic, Irving Union, Madisonensis, Nassau Literary, Notre Dame Scholastic, Orient, Owl, Simpsonian, Trinity Tablet, Tripod, Union College Magazine, Williams Vidette, Yale Courier and Yale Literary. Also, the following additional exchanges: Journal of Education, Old and New, Phrenological Journal, Plymouth Pulpit, Prairie Farmer, Scribner and Western Rural.

We gratefully acknowledge the receipt of the above, although since the fire we have not been able to reciprocate until now. Exchanges will please notice our change of name. The address now is, "VOLANTE, University of Chicago."

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# University of Chicago.

## COURSES OF STUDY.

Two courses of study are pursued in this institution—a Classical and a Scientific—which are substantially the same as those pursued in other leading American Colleges.

### ASTRONOMICAL DEPARTMENT.

The Astronomical Department of the University is the Dearborn Observatory. Its objects are to make direct researches in science co-operate in the application of astronomy to geography and other useful purposes, and to train students in practical astronomy preparatory to such applications. The instruments of the Observatory are the great Clark Refractor, of 18 $\frac{3}{4}$  inches aperture; the Meridian Circle (by Ressel & Son) presented by the Hon. W. S. Gurnee; a Howard Clock, and a Bond Chronometer. The work is done chiefly in co-operation with the German Astronomical Society and the Bureau of United States Engineers.

### TERMS AND VACATIONS.

The year is divided into three terms and three vacations. The first term consists of fifteen weeks; the second (which began on Jan. 8) and the third of twelve weeks each. The Christmas vacation is two weeks, the Spring vacation one week, and the Summer vacation ten weeks.

### COMMERCIAL INSTRUCTION.

To meet the practical wants of the different classes of students, the Trustees have made arrangements for regular instruction in Penmanship, Book-keeping, and other branches essential to a good commercial education.

### ELECTIVE STUDIES.

Students may reside at the University and pursue studies, for a longer or shorter time, in any of the classes, at their own election; subject, however, to the regulations of the Faculty.

### LECTURES.

In connection with the regular recitations, lectures are delivered on the following subjects: Chemistry, Natural Philosophy, Geology, Astronomy, Anatomy and Physiology, Zoology, Mental and Moral Philosophy, Greek History and Literature, Roman History and Literature, Verbal Criticism, and History of the English Language.

### RHETORICAL EXERCISES.

The College Classes have exercises in Composition once in three weeks. Instruction in Elocution is given to all the students, and declamations are required of all.

### DEGREES.

The Degree of Bachelor of Arts is conferred upon all students who have completed the prescribed Classical Course of study, and passed a satisfactory examination therein; and the Degree of Bachelor of Science upon all who have completed the Scientific Course, and passed a similar examination.

## SOCIETIES.

There are three Societies in the University, conducted by the students—two Literary, and one Religious.

## ILLUSTRATIVE APPARATUS.

The Lectures on Chemicals and Natural Philosophy are illustrated by modern apparatus. There are, also, moderate facilities for the illustration of Zoology, and other branches of Natural History.

The Library, to which the students have free access, contains about five thousand volumes, and is constantly increasing by valuable additions. Students will also have access to the very valuable theological and miscellaneous library formerly belonging to the late Professor Hengstenberg, of Berlin, now placed in the University buildings.

## LOCATION, BUILDINGS, ETC.

The location of the University is in the south part of Chicago, directly on the Cottage Grove avenue line of the Chicago City Railway. The site was the gift of the late Senator Douglas, and is universally admired for its beauty and healthfulness. The building is unsurpassed for the completeness of its arrangements, especially of the students' rooms, which are in suits of a study and two bed rooms, of good size and height, and well ventilated.

Through the liberality of the different railroads which centre in Chicago, classes have had the privilege of making frequent excursions into the country, in order to examine rock strata, and to collect specimens in Natural History. These explorations have extended, during past years, to Dubuque and Burlington, Iowa; to Kewanee, LaSalle and Quincy, Ill.; to the Wisconsin River, and along the Mississippi River, from McGregor to St. Louis.

## BOARD AND ROOMS.

Students are furnished with board in the University Hall, at cost, which, during the past year, has been \$4 per week. Students who may prefer it, can obtain board in families on reasonable terms, or they may form clubs and provide for themselves.

## EXPENSES PER ANNUM.

Board from \$1.50 (in Clubs) to \$4 per week.....	\$ 60.00 to \$160.00
Tuition.....	50.00 to 50.00
Room rent.....	15.00 to 20.00
Incidentals.....	6.00 to 8.00
Library fee, fifty cents per term.....	1.50 to 1.50
Total.....	\$132.50 to \$239.50

Students furnish their own fuel and lights. The use of Kerosene is prohibited in the University building. Gas costs about fifty cents a week for each room, and fuel from \$10 to \$20 per annum for each student. Washing, sixty cents per dozen.

## PREPARATORY DEPARTMENT.

Connected with the University is a Preparatory Department, in which the Professors of the University have charge of the instruction in the studies belonging to their several departments. The studies have been arranged in a course of three years for classical, and two years for scientific students.