

THE CONCORDIENSIS

PUBLISHED BY THE STUDENTS OF UNION COLLEGE

VOLUME XLIII

SCHENECTADY, N. Y., NOVEMBER 1, 1919

NO. 48

UNION OPPOSES COLUMBIA TODAY

Garnet Eleven to Meet Conquerors of Amherst.

GAME IN NEW YORK

South Field Should Be Scene of a Lively Tussle.

This afternoon the Garnet football squad will oppose the Columbia eleven in New York on South Field. This game is bound to be a stiff one, but the Union team has been working hard during the last week to eliminate the weaknesses shown up in the last few games.

Last Saturday Coach Fred Dawson's men defeated Amherst by a score of 9 to 7, and the Columbia squad is a heavy, fast one. The fact that Amherst beat us by a score of 12 to 0 presages nothing, as several faults have been noticed in our playing and corrected since that game.

The Union line-up will be much strengthened by the return of Harry Foster to his position at end, while Art Notman, the fast half back, will be shifted to the other end position. This change in line-up has enabled Sol Metzger to shift Captain "Bill" Hanley back to his regular position at center.

Art Notman has been working at end for the last few days and will probably start the game. In the backfield, Hal Wittner and Lyman will probably be the halfbacks and "Heine" Goff will play at fullback. Law Comstock will be at quarter. Law has been doing good, heady work consistently in this position and in addition to his good generalship has carried the ball for considerable gains.

Hal Wittner is displaying a good deal of punch and has been hitting the line hard. He will certainly give a good account of himself.

In the line Beckman, Gregory, Du Bois and Eisenberg have worked together well. This combination will probably be started in New York this afternoon. Gregory was hurt in the game with Wesleyan last Saturday but will be in good shape in time for the contest. "Dow" Beckman and "Shorty" DeBois have been showing good stuff and have torn holes in the scrub's line all week.

Several fellows who were out earlier in the season returned to the squad and have been playing on the squad all week. Wednesday George Daley, '92, sporting editor of the New York World, was on the field with Sol and made many valuable suggestions. The flood-lights, recently installed, have prevented the loss of an hour of practice.

The following men have gone to Columbia: Coach Metzger, Captain Hanley, Comstock, Beckman, DuBois, Gregory, Notman, Eisenberg, Lyman, Wittner, Goff, Foster, Miller, Wemple, Fox, Speer, Klein, Murray, Sullivan, Madden, Dr. Smith, Rubbers Bartley and Bolton, Managers Hagar and Getman.

Cosmopolitan Club Reorganized at Union

A meeting of all men interested in the Cosmopolitan Club was held on Monday evening in Silliman Hall. Twenty-three students were present at the meeting. Frank Corrigliano '20, called the men together and was chosen acting chairman of the organization. Plans were discussed for the reorganization of the society, and a committee consisting of J. L. Dawson Speer '20, Frederick Townsend '21 and Harold J. McGee '20 was appointed to look up the constitution of the organization and report at the next meeting.

Before the war worked its havoc on college affairs, the Cosmopolitan Club was a thriving organization with rooms in the sections. Meetings were held twice a month, and the members got together for both educational and social purposes. However, owing to the R. O. T. C. and the S. A. T. C., the organization has been dormant for the past two years. One of the leading reasons for the inactivity of the club was the lack of enough foreign students to really make the organization a success.

This year, however, it was decided to make efforts to put the organization on its feet again. Among the twenty-three members who attended the first meeting were representatives from Brazil, Porto Rico, India, China and Italy. Many different sections of the United States were also represented and it is proposed to have these men talk about the peculiarities of the dialect and customs of their section of the country.

At the next meeting of the club, it is hoped that a report on the constitution will be made. There will also be a general program adopted for the year. The organization this year will co-operate with the Cosmopolitan Technical Society of the General Electric Company, and joint meetings of the two organizations will be held. In this way, members of the college club can be brought in closer contact with more representatives of foreign countries.

PRESIDENT NEILSON TO LECTURE ON BURNS

President William Allan Neilson of Smith College, will lecture in the college chapel on "The Poetry of Burns," this evening at eight o'clock. The lecture is given under the auspices of the college English Club and admission is free. It is open to college students and the general public.

Dr. Neilson is one of the foremost authorities on Shakespeare and the English romantic poets. He is a native Scotsman and therefore is very capable of lecturing on Burns. He is the author of several books, among which could be mentioned "Burns and How to Know Him," and the "Essentials of Poetry." He is one of the authors of "Facts About Shakespeares," which book has been used in Sophomore English for several years.

INTERESTING GAMES TODAY

Union vs. Columbia, at New York.
Amherst vs. Worcester Tech., at Amherst.
Bowdoin vs. Bates, at Brunswick.
Brown vs. Syracuse, at Providence.
Cornell vs. Lafayette, at Ithaca.
Dartmouth vs. Colgate, at Hanover.
Hamilton vs. Vermont, at Clinton.
Harvard vs. Springfield, at Cambridge.
Lehigh vs. Pittsburgh, at South Bethlehem.
Penn. vs. Penn State, at Philadelphia.
Princeton vs. West Virginia, at Princeton.
R. P. I. vs. Stevens, at Troy.
Army vs. Tufts, at West Point.
Wesleyan vs. Williams, at Middletown.
Yale vs. Maryland State, at New Haven.

DR. BUSHMANN TALKS ON ATOMIC THEORY

General Electric Physicist Delivers Interesting Lecture.

The lecture on "The Structure of the Atom," by Dr. Saul Bushmann of the General Electric Laboratory, held Thursday afternoon in the Butterfield Chemistry building was attended by a large number of the faculty and student body. Dr. Bushmann proved to be an interesting speaker and handled his difficult subject in a masterly manner, presenting a theme naturally highly technical in a way that delighted and interested the large audience.

Dr. Bushmann confined his remarks to a discussion of the proof that atoms are present in matter and that they are composed of minute bodies called electrons. He said:

"There is a world beyond the sensitive world, beyond that reached by the five senses, and the knowledge of this more distant world has been and must continue to be obtained largely by experiment and a use of the imagination. Science has little use unless it be coupled with imagination."

The problem of the structure of matter has occupied the human intellect since time immemorial. The problem was known to the ancient philosophers, and their customary attempt at its solution was to sit down and think of what they wished the world to consist of—and so it did. One philosopher wished and imagined that the world consisted of atoms, each having sharp hooks or teeth which allowed them to connect with other atoms."

"Boyle was the first to put chemistry on a scientific basis and his definition of an element has remained a standard. The next great stage centered around Dalton, who discovered the laws of constant and multiple pro-

(Continued on page 4)

Plumb Plan, Question of Allison-Foote Debate

The Adelphic Debating Society submitted the following topic for the annual Allison-Foote Prize Debate, which is to occur on December 19, 1919: "Resolved. That the principles of administration and the division of profits embodied in the Plumb plan should be adopted as the solution of the railroad problem."

At a meeting of the Philomathean Society held on Thursday afternoon, it was decided to accept the subject. The Philomatheans chose the negative side of the question. The Philomatheans decided to hold their try-outs on November 17, 1919. The speeches in direct argument will be five minutes and the rebuttal speeches will be three minutes.

The Adelphics have not yet announced the time of their try-outs. They are expected to come off within two weeks, however.

There seems to be a revival of interest in debating this year. The Adelphics have a membership of thirty members, while the Philomatheans have over twenty members.

Prom to be in February; Soiree in December

At a meeting of the Junior Class after chapel Thursday, it was voted to hold the Junior Prom in February. Several members of the Junior class were in favor of holding the affair in May, but a large majority of the class favored the earlier date. Earl Vaughn, the chairman of the committee, announced that efforts were going to be made to secure Wittstein and Ward's orchestra to play at the function again this year. The purpose of the class in having the dance right after the close of the first semester was to even up the time between the Sophomore Soiree and the Senior Ball.

Francis Drohan, chairman of the Soiree committee, announced that the Sophomore function would be a formal dance held on December 12. This will be the first soiree in two years. Efforts are also being made to have Wittstein play at this affair.

With the plans for the Soiree and the Prom now well under way, this season gives promise of being the banner social season in the history of the college. All the fraternities have signified that a larger number of members would attend both the Soiree and the Prom than has even been the case in the past.

OFFICIAL NOTICE.

College will officially close after the last classes Monday afternoon to begin with the Chapel exercises on Wednesday morning. This is contrary to a previous rumor that classes would be suspended for only half a day on Tuesday.

Entrance Requirements Raised by Trustees

Fifteen Points Now Required for Admission.

HANNA GIVES \$25,000

Economics to Be Required of Technical Students—College Union to Be in Old Mess Hall.

The annual fall meeting of the Board of Trustees of Union University was held on October 28, Tuesday of this week. A number of matters of unusual importance to the student body were brought to the attention of this Board.

President Richmond in opening the meeting, announced to the Trustees that H. Melville Hanna, LL. D., of Cleveland, O., a member of the class of 1860, had contributed \$25,000 towards the fund for the erection of a memorial chapel. At this meeting the campaign for the new chapel was formally inaugurated with \$88,000 in hand out of the \$200,000 necessary for erection. While the present incapacity of the chapel is no doubt a source of delight to those Seniors who only have to attend half the time, it is nevertheless a sad state of affairs that must be remedied. The proposed chapel is to be a memorial to those twenty-six Union men who paid the supreme sacrifice in the World War.

The Board has raised the entrance requirements to fifteen units, whereas only fourteen have been necessary in the past. In addition the Board has also stipulated that all technical men must take a course in elementary economics. This action arises from the recommendation of Dr. E. W. Rice, president of the General Electric Company, and a trustee of the college. Dr. Rice thinks it is a vital matter that all technical men should have this training in this day and generation. This lack of sound economic training is daily emphasized by current events.

The schedule of tuition was also rearranged, the Board making a flat rate for all men in college. The tuition for the technical and pre-medical courses will be \$225 a year; the A. B. and B. S. men will pay \$140. This sum includes everything except athletic fees. New men entering next year will pay \$250 or \$150 per year, according to their classification.

Certain significant figures were brought up at the meeting, showing the growth of the college. In the past ten years the budget of the college has trebled; in the same period the endowments have more than trebled. Registration in 1909 total 326 undergraduates; this year's registration numbers 615. In addition to the undergraduates there are at present 40 resident graduate students and 344 others taking the extension courses.

The Trustees voted the money necessary to complete the mess hall to be used for the purposes of the College Union. With such a start the College Union should get under way with a bang.

The action as regards the college union came as a distinct surprise to all members interested in the project. Work has been going on to make the central portion of Washburn Hall the seat of the Union.

THE CONCORDIENSIS

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Publication Office, Schenectady Art Press, 175 Jay Street.

G. E. MacDonald, News Editor

Saturday, November 1, 1919

"The Inadequate Scholar."

The belated American university and the "inadequate Rhodes scholar" have been themes for long discussions between two Oxford graduates, Dr. George Parkin and Mr. Frank F. Beirne, whose clashing arguments have filled considerable space in the last two issues of the Atlantic Monthly.

Dr. Parkin deduces from the statistics he has gathered that there is something radically wrong either in the training of the American student in the classics or in his attitude toward them. Says he: "Of all the candidates for (Rhodes) scholarships throughout the Union during the last thirteen years, now numbering more than two thousand, about one-half have failed to pass the qualifying examination which is equivalent to what at Oxford is called 'Responsions', the lowest standing on which a man is allowed to remain at the university. The examination is considered quite elementary according to Oxford standards and is usually passed by boys of seventeen, eighteen, or nineteen years, from the grammar, high or grade schools."

As competitors, Dr. Parkin points out, these young Englishmen have college students and usually graduates from American higher schools. He therefore concludes, "Either there is something wrong in our elementary training, or the scholarships do not appeal to American students who have been well trained."

There doubtless is something in this last point. The young American who looks toward a business career, and business as a rule draws many of the best minds in the nation, is not particularly attracted by the offer of three years in a foreign classical school. The advantages of the college of experience and hard knocks are perhaps somewhat overemphasized in America, but of what use are three years at Oxford to the young man who some day hopes for the career of a Rockefeller, a Schwab, or a Gary? And in view of the comparatively large financial returns of business as compared with the ridiculous salaries of college professors, can he be blamed? So in one way the supply and quality of the candidates is lessened.

Dr. Parkin has based his argument entirely upon scholarship, and as far as it goes, it is logical. It appears ridiculous to him that the undergraduate, not to mention the graduate of an American college should fall down on such subjects as algebra, arithmetic, geometry, and Latin. Greek may now be taken subsequent to election. The New York Times comments upon the statistics as "startling and humiliating." A little reflection will show that while it may be humiliating for the Senior in college who can not prove that vertical angles are equal, it is by no means startling. He probably studied that proposition in his second year in high school and hasn't had occasion to glance at it since. While he has been delving in the mysteries of philosophy, psychology, and zoology some of those more elementary subjects have faded in his mind.

Quite to the contrary, his young English classmate has been graduated from a preparatory school where he has completed a long training intended to prepare him for Oxford. He has been instructed by professors who themselves were once students of Oxford. The fact that the young American has been trained in the cosmopolitan school of democracy is not of much immediate use to him in the pursuit of his studies at Oxford. Because his father always worked hard for a living, and the student has put himself through college, perhaps; because his walk of life has cast him into the midst of the hoi polloi, he can not compete the better with the Englishman whose father is a Lord or an M. P. The American may have gained a deeper knowledge and sympathy with humanity through his talks with tramps and vagabonds, but in point of cul-

ture it has not gained for him the advantage of the young nobleman who has conversed with lords and ladies.

From the standpoint of scholarship, Dr. Parkin's argument may carry some weight, but as Mr. Beirne objects, it is unfair that "the Rhodes Trust asks for one class of men and then criticizes them in terms of another class. That is to say, the candidate is supposed to possess various qualifications, such as physique, athletic ability, personality, leadership, and scholarship."

"Oxford demands an all-around man; America endeavors to fill the supply; then Oxford is surprised to find that in scholarship its falls below the specialized English scholars." The American university is not designed to fit men for Oxford. It endeavors to school them in the essentials of culture according to the demands of Americanism. It is said that the American students seldom get firsts at Oxford but that a good portion of them receive seconds. A certain tutor remarked that in his estimation the seconds reached a greater height in after life, in that by not making a specialty of scholarship they were better fitted to meet the requirements of the world. And this is precisely what Mr. Rhodes wanted. He wanted scholarship, of course, but more than that, he desired the young Englishman to know the closer friendship might grow up between the two great English speaking nations of the world.

Who Was Ximenes?

(By Professor Frank P. McKibben)

In these days after the war when colleges are searching for improved methods and better results, we are apt to think of our institutions of learning as being very old. The following account of a very ancient institution may be of interest at the present time.

A few days ago while reading Prescott's wonderfully interesting history of Ferdinand and Isabella, I found his description of the University of Alcala in Spain of particular interest and inspiration. The University of Alcala was begun in the year 1500 and eight years later its ten colleges were thrown open to the public. And while this institution is by no means the oldest in Spain its influence on thought in the Spanish peninsula was so great that we men of Union should know something about it. That its growth was remarkable was shown by the fact that when Francis I, King of France, visited the institution within twenty years after it was established 7,000 students came out to meet him and he expressed great admiration not only for the buildings but for the students' work as well. The founder of this wonderful university took his professors from many parts of Europe, and, although theological studies were given the principal place, the various other departments of learning were well represented. There were forty-two professors of whom twelve were teachers of theology and the canon law; four of medicine; one of anatomy; one of surgery; eight of the arts which include logic, physics, and metaphysics; one of ethics; one of mathematics; four of ancient languages; four of rhetoric and six of grammar. The lectures are said to have been given in Latin.

That the founder of this venerable institution believed that every man should be thrown on his own metal is illustrated by the fact that the salary of each professor was regulated by the number of his disciples and that the professors were eligible for reappointment at the expiration of every four years' term of service. As Prescott says, "It was impossible that any servant of Ximenes should sleep on his post."

The institution continued in Alcala

for about three centuries and at one time is said to have had as many as 12,000 students. The buildings in Alcala, which were abandoned for educational purposes in 1836 when the university moved to Madrid, serves to house the archives of the State Department of Spain, which includes a very complete collection of documents showing the workings of the inquisition from the fifteenth to the nineteenth centuries.

It was Cardinal Ximenes who founded, built and directed the University of Alcala. It was Cardinal Ximenes who acted as Regent of Spain; it was he who served as Prime Minister under Ferdinand and Isabella; it was he who kept the Spanish kingdom together during the trying times following the death of Isabella; it was he who fought successful wars in Northern Africa.

It was Ximenes who, after establishing this great university and seeing it in successful operation, undertook another important task of preparing the famous edition of the Bible known as the Complutensian Polyglot, which was prepared at the university under Ximenes' personal direction during the fifteen years preceding the year 1518. Ximenes brought together the most learned men of Europe to prepare this Bible wherein he exhibited, in one view, the scriptures in their various ancient languages.

Such was Ximenes.

The Mail Bag

THRIFT AS A COLLEGE STUDENT'S PROBLEM

The war demanded that every American save money and students in educational institutions were not excepted. The Liberty Bond and War Savings Campaign showed that even the college student who is self-supporting could set aside a small margin for saving and investment. After-war economic conditions are demanding a continuance of war economies, and universal saving and safe investment on the part of all our people. Shall the college student have a part in this after-war program? At first thought one would say that it is inexpedient for the college student to set aside part of his current money for savings but a closer examination of the student's own best interests, regarded from the long-time point of view, and of his fundamental relation to the national economic crisis through which we are now going, has lead thoughtful advisers of the Treasury Department's Savings Division to urge that the present opportunity for regular savings and investment in government securities be put before the college students of the country, as was the need for war savings.

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College students are urged to participate in government savings primarily because the country needs a rapid increase in its savings fund and because the practice of regular saving carries personal economic benefits so fundamental and lasting that college students as future leaders will wish to share in this movement.

Many a college student has earned and saved money before going to college and during his four years or more of academic and professional training has got entirely out of his habits of thrift and so starts his business or professional career heavily handicapped by the weight of unthrifty standards taken on during college life. The college student who practices thrift gets a self-discipline that like faith will move mountains.

The Treasury Department proposes the following program:

That students, as a matter of national service as well as personal advantage, work during term time when opportunity affords, and during part at least of vacations.

That every college student should save a minimum of a dollar a week during his entire college course.

That these savings should be funded as the nucleus for the start-in-life fund for use after graduation.

That these savings be invested safely in government savings securities.

That the student on receiving an al-

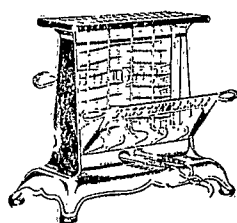


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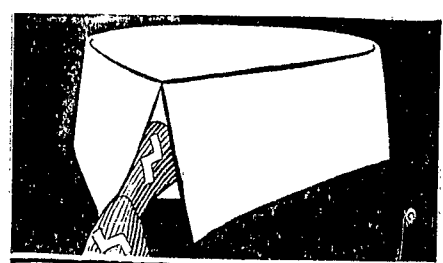
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That the student who is working his way through college and paying his own expenses in whole or in part, should set aside regularly a sum for savings even if it be so little as 25c a week, the cost of a U. S. Thrift Stamp.

That students plan their personal expenditures with a personal budget now recognized as the most practical instrument for promoting wise expenditure in government, in business and in personal finance.

That students discuss in debating clubs, fraternity clubs and other organizations the relation of personal thrift to business efficiency and success in life, and the relation of individual savings to the country's capital fund, and to present economic problems.

That student organizations should as a national after-war service organize a public discussion of the economic problems related to thrift, savings and investment, seeking particularly a statement of their practical bearing on the reconstruction problem and of the personal responsibility which the college student has during college and afterwards, for personal thrift and for its promotion in the community, to the end that colleges and all higher institutions which in the work and save program for the bigger and better America.

(The above article is published upon request of the Savings Department of the United States Treasury.—Editor.)

Contributors' Column

The Pome Tree wonders if Horace, had he lived in the twentieth century, would have sung as follows:
Book 1 ODE 29
Garcon, away with all your drink of Bacchic art.
Old wine, in revelry of mine retains no part,
Search not the bin for waters aged and tart,
And drink of foreign make.

No. Not one of your soda-slinger's tricks
This cream requires none of your bar-keep sticks
Would aid it any. It surpasses anything you mix.
It's better far than grape!
—The Pome Tree.

CARMINA HORATI LIBER 3:15
"Uxor pauperis Ibyci."

Chloris you are much too old
To compete with youthful bloom.
Now your heart is growing cold,
Ply the spindle and the loom.

Frills and rouge are not for you
Such as suit a debutante
Why you've one foot in the grave!
Shameless so at death to flaunt!

Can you think that you look cute
In these low-necked hobble skirts,
They are laughable enough
When they're worn by mere young flirts.

As for winning bachelor hearts,
Come now give the girls a chance,
You have had your day with men;
They are burning with romance.

Banish thoughts of music halls;
Cap and slippers suit you now.
Spinning by the fireside
You look venerable, I vow.
—The Pome Tree.

"DEAR ROSE"
* (With Apologies to "Dere Mable") *
* (E. B. A. '22) *

Union College, Schenectady, N. Y.
Friday, Oct. 31, 1919.

Dear Rose:
I haven't heard from you in ages. Not since Thursday. Why don't you write once in a while? I've written to you every single week I've been here. Do as you would be done by is my motto every time, Rose. Now that I'm not up there to take you to the movies any more, you ought to spend two or three hours writing to me every night, for there is nobody else up there that you want to go out with since I came away, and besides, Rose, when a fellow takes a girl out as regular all summer as I did you she hasn't no right to go out with anybody else after he goes away, do you? Be reasonable, Rose, even if it isn't natural.

We got a new chapel system here now. The Seniors aren't allowed to go to chapel only three times a week now so that all of us men of 1923 can go to chapel every morning that there is any chapel. That just shows how our class stand in, huh?

It's funny how I get to be first in anything I start in to undertake; now just for an example, I always get into chapel just before the doors close—it isn't considered good form to be early to any college function—and guess what the fellows all do. Freshmen, Seniors, Juniors and Sophomores, when they see me come in?

CONSENSUS OF OPINION RECOMMENDS

TILLY

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DAN. A. DONAHUE

240-244 State Street

They all stand up and wait until I get to my seat before they sit down again. Even Prexy times himself so as to go up into the nostrum just as I go to my seat. It sort of embarrassed me at first until I got used to it. Now I just say sort of unconcernedly, thank you, fellows, and sit down.

I guess some of the folks at home will sit up and take notice when I come home Thanksgiving and blow down Main St. in my new campus togs. It's considered quite the thing to wear short pants around here with your socks rolled up over the top of your shoes as far as they will go. We call them golf pants sometimes. They are the last word in style, Rose, positively knee plus ultra—that's because they show your leg from the knee down, Rose. Soon as I noticed how popular the style was, I sent right home and had Ma send down that last pair of cordoroy knicker-bockers I had before I went into long pants, and Brother Bill's Red Cross army socks and then I was all set. It didn't cost me nothing, either, Rose—I don't believe in spending money foolish—and yet I'm right in the height of fashion and look real tres chick—that means classy in French, Rose. They don't look very well on any body who hasn't got an athletic built, but you can imagine how it sets me off. I'll send you a snapshot of me in them to paste in your scrapbook in a few days.

Adorably,

EGBERT.

P. S.—Some day when you haven't got anything else to do, make some mud and send me down four or five pounds. You make awful good fudge, Rose.

CHEMICAL SOCIETY ELECTS

At the meeting of the Union College Chemical Society yesterday afternoon, C. E. Benedict '20, of the Phi Gamma Delta fraternity; T. H. Wilbur '21, of the Chi Psi fraternity, and W. A. Getman '21, of the Beta Theta Pi fraternity, were elected members of the society and today are wearing large crucible covers as signs of being pledged. President George Weinhold also appointed the following committees: Program—J. C. Van Deusen, chairman; and A. C. Zachlin; membership—W. E. Mayer, chairman, and R. A. Schatzel; social—W. C. Carter, chairman, and D. H. Lyman; initiation—J. B. Mudge, chairman; V. M. Lyman, H. R. Baird and Guy Bartlett.

The meeting then adjourned to the chemistry lecture room where a lecture was delivered on atomic structure to the students in the chemical courses by Dr. Saul Bushmann of the General Electric Company, under the auspices of the society.

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OVER THE TOP Of the Footlights

Proctor's

As usual, Proctor's presented a poor show. The main feature all week has been an athletic attempt at a melodrama entitled, "On the High Seas." This production ranks equally with another previous attempt at beauty, thrills, etc., presented during the summer, entitled, "The Forest Fire." We were forced to break out in unrestrained laughter when the thrills were supposed to come off. Tears refused to come and our attention was forced, or as "Johnny" March would say, voluntary throughout the entire performance. How the crowd could enjoy such a piteous attempt at melodrama is beyond our powers of comprehension.

The picture during the first part of the week was entitled, "A Call in the Night." This was supposed to be a brilliant attempt to reproduce Darwin's theory of evolution, but the author of the scenario showed an unusual marked ignorance of Darwin. To him, Darwin meant nothing but an ape-like ancestor of man. "A Struggle for Existence," "Natural Selection," and "The Survival of the Fittest" are terms of Hindustan to the erudite author of the piece. It also was about as interesting as a lecture on Greek manuscripts would be to the sixth grade of one of our grammar schools. Characters were seen climbing up vines, which even a person suffering from a severe case of myopia could distinguish as ropes. But there is an old saying "on the hill," "Never expect anything when you go to Proctor's and you will not be disappointed."

We refuse to criticize the remainder of the show, for it was simply Proctorian, and you all know what that means.

"La La Lucille"

We broke the capital "L" key on our typewriter in writing the above heading. "La La Lucille" was neither good nor bad, but merely indifferent. The music was very disappointing, and perhaps it is just as well that it was merely mediocre, because there were no Al Jolson's in the production. As for the play itself, we think it would have made an excellent comedy. Although it was a trifle risqué, that seems to be the desire of the majority of the American audiences. At least, anything risqué always seems to succeed in bringing out a loud peal of laughter. Sam Hardy had a monopoly on all the good lines in the play, and although not a star of the first magnitude, he is far better than the usual Van Curler offerings in stardom. The chorus was the best seen here this year.

"The Albany."

We don't intend to criticize the movies, but as long as this house offers vaudeville as a sideline, we might sound our "louanges." Amateurish would be no description of Connors and West, as a charming pair of youthful worshippers of Terpsichore were called. Oh, no, they were both of the male sex. One had a disappearing eye. It was closed one minute and open the next. We don't know yet what caused this marvelous feat, but it at least attracted attention from one of the worst exhibitions of dancing we have ever seen. The sign announced that there would be an exhibition of buck wing dancing, but whoever could classify the piteous attempts at the great American pastime is a second Buffon. They sang also—you know, just like the proverbial cat does when you are trying to call on Morpheus after a hard even-

ing's work in lotus eating. We came away from the performance assured of one thing, namely, that the suits worn on the stage by the two graceful devotees of the daughter of Zeus and Mnemosyne had never been in "Dutcheys" hands.

Well, as long as we can't tell of the wonders of Burlesk—oh that's the new spelling of it at the Hudson—we must say "Au Revoir" until next week.

REX.

DR. BUSHMANN TALKS ON ATOMIC THEORY

(Continued from page 1)

portions, and the only explanation of these facts was that matter actually did consist of atoms. The fact that elements combine in definite proportions leads to the conclusion that they must combine by definite units—namely, the atoms. Avogadro then evolved his law of molecular concentration as further proof.

"The laws of chemical combinations and of gases are evidence of the presence of atoms. It is known that all gases contain small bodies which are in rapid motion, creating a phenomenal pressure against the walls of their container. This same kinetic theory may be applied to other forms of matter.

"By a study of the movements of the particles in colloidal suspension we have been enabled to see the small molecular units in action, and with the aid of the microscope and ultra-microscope the action of the units in heavy solutions. Movements of small particles can be seen and measured through the measurement of the paths of their activities, giving visible and tangible evidence of the presence of atoms. Some atoms are found to give out light rays and the actions of such units can not only be seen, but can also be photographed through the use of the X-ray and fluorescent screens. Thus another line of evidence is based on this study of the pictures that we obtain by allowing X-rays to strike the crystals and pass to the screen by refraction. We are not only enabled to see the units but also can measure their apparent size and weight. So it has been found that an atom has a diameter of about 3×10^{-8} centimeters and a weight of 10-24 grams.

"Atoms are not the small hard spheres that they were thought to be by Dalton, but each has a different and definite structure. The evidence of this fact was first made known to chemists by means of the spectroscopy. The spectra of different elements show that atoms are capable of varied vibrations and characteristics.

"Another evidence was found by arranging the atomic weights in order, thus bringing out the relations between and the similarities of the elements. From this comes the conclusion that the various atoms have similar relations and structures."

Dr. Bushmann concluded his lecture by announcing that his second talk, which will be held on November 13th, would consider the electrons as a part of atomic structure. At the conclusion of the address a short questionaire was conducted, in which the speaker made clear any questions that arose in the minds of the audience.

Dean Ellery introduced Dr. Bushmann and stated that this lecture is one of a series to be given every two weeks under the auspices of the Chemical Society. These lectures, while dealing primarily with subjects of chemical import, will treat of the newest steps in chemistry and their relation to the physical and electrical sciences.

Interfraternity Bowling League Starts Soon

The Union College interfraternity conference has arranged a bowling tournament of 66 games for the 12 fraternities to play this winter, each team meeting every other one once. The schedule, arranged by Walter J. Carvey, chairman, and Montgomery Hulsapple, calls for the matches to start in the week of November 10, to continue through the week of March 1. At the conclusion of the tournament the winning team will be presented with a loving cup.

The games are to be rolled on the Morse alleys any time during the weeks the games are scheduled. The two opposing teams will arrange for the time of the match and, in the event of the appearance of only one team at the appointed time, the match will be declared forfeited to the team that did appear. If a match is scheduled to be rolled and neither team appears for the match, it will be counted as a loss for both teams.

An absentee score will be counted as 100. A team may start with four men and wait until the fifth frame for the fifth man, after the fifth frame the absentee score will rule.

All results will be given to either Carvey at the Phi Delta Theta house or to Hulsapple at the Psi Upsilon house. Team and individual scores are to be handed in so that a record may be kept of the high single and high team averages, also high individual and high team scores.

The schedule of the matches is as follows:

Bowling Schedule.

November 10—Kappa Alpha vs. Sigma Phi; Delta Phi vs. Alpha Delta Phi; Psi Upsilon vs. Delta Upsilon; Chi Psi vs. Beta Theta Pi; Phi Delta Theta vs. Phi Gamma Delta; Pyramid Club vs. Lambda Chi Alpha.

November 17—Sigma Phi vs. Delta Phi; Alpha Delta Phi vs. Psi Upsilon; Delta Upsilon vs. Chi Psi; Beta Theta Pi vs. Phi Delta Theta; Phi Gamma Delta vs. Pyramid Club; Kappa Alpha vs. Lambda Chi Alpha.

December 1—Kappa Alpha vs. Delta Phi; Sigma Phi vs. Alpha Delta Phi; Psi Upsilon vs. Chi Psi; Delta Upsilon vs. Beta Theta Pi; Phi Delta Theta vs. Pyramid Club; Phi Gamma Delta vs. Lambda Chi Alpha.

December 8—Delta Phi vs. Psi Upsilon; Alpha Delta Phi vs. Delta Upsilon; Chi Psi vs. Phi Delta Theta; Beta Theta Pi vs. Phi Gamma Delta; Kappa Alpha vs. Pyramid Club; Delta Phi vs. Lambda Chi Alpha.

December 15—Kappa Alpha vs. Alpha Delta Phi; Delta Phi vs. Delta Upsilon; Psi Upsilon vs. Beta Theta Pi; Chi Psi vs. Phi Gamma Delta; Phi Delta Theta vs. Lambda Chi Alpha; Sigma Phi vs. Pyramid Club.

January 5—Sigma Phi vs. Psi Upsilon; Alpha Delta Phi vs. Chi Psi; Delta Upsilon vs. Phi Delta Theta; Beta Theta Pi vs. Pyramid Club; Kappa Alpha vs. Phi Gamma Delta; Delta Phi vs. Lambda Chi Alpha.

January 12—Kappa Alpha vs. Psi Upsilon; Sigma Phi vs. Delta Upsilon; Delta Phi vs. Chi Psi; Alpha Delta Phi vs. Beta Theta Pi.

January 19—Kappa Alpha vs. Delta Upsilon; Delta Phi vs. Beta Theta Pi; Psi Upsilon vs. Phi Gamma Delta; Chi Psi vs. Lambda Chi Alpha; Sigma Phi vs. Phi Delta Theta; Alpha Delta Phi vs. Pyramid Club.

February 9—Sigma Phi vs. Chi Psi; Alpha Delta Phi vs. Phi Delta Theta; Delta Upsilon vs. Pyramid Club; Kappa Alpha vs. Beta Theta Pi; Delta Phi vs. Phi Gamma Delta; Psi Upsilon vs. Lambda Chi Alpha.

February 16—Kappa Alpha vs. Chi Psi; Sigma Phi vs. Beta Theta Pi; Delta Phi vs. Phi Delta Theta; Alpha Delta Phi vs. Phi Gamma Delta; Psi Upsilon vs. Pyramid Club; Delta Upsilon vs. Lambda Chi Alpha.

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February 23—Psi Upsilon vs. Phi Delta Theta; Delta Upsilon vs. Phi Gamma Delta; Chi Psi vs. Pyramid Club; Beta Theta Pi vs. Lambda Chi Alpha.

March 1—Kappa Alpha vs. Phi Delta Theta; Sigma Phi vs. Phi Gamma Delta; Delta Phi vs. Pyramid Club; Alpha Delta Phi vs. Lambda Chi Alpha.

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