



LEAP YEAR DANCE WINS HEARTY APPROVAL

Ladies Entertain in Characteristic Manner

KANAKADEA FUND BOOSTED

Last Saturday evening, Academy Hall was the scene of gay activities when the fairer members of Alfred University's student body entertained the men in the most novel event of the year, a Leap Year Hop.

The dance hall was cleverly decorated with crepe streamers, banners and evergreens. From the center of the ceiling varicolored ribbons stretched to the four walls joining bands of similar material completely encircling the room. The wire cages which protect the side lights were covered with paper of a bright hue which not only concealed their ugliness but also diffused the ordinary glare into a soft glow. The stage, from which the orchestra sent forth its appealing strains, was partly obscured by a white lattice work inter-twined with color and in the background, boughs of pine and hemlock broke the monotony of bare walls. At one end was conspicuously displayed the nineteen twenty-five banner as the emblem of the Junior class and the coming Kanakadea for which the proceeds were intended. Attractive cushions were liberally distributed about the long rows of seats furnishing the final detail necessary to the comfort and enjoyment of the crowd.

Gay costumes and bountonnieres were everywhere evident defying memory to produce a scene of equal harmony of color.

Williams' six-piece vocal orchestra as entertainers, scored a tremendous hit. The music was snappy and perfect blending of voices and instruments alternately called forth storms of applause and an insistent demand for more encores than the four hours of dancing time permitted.

Fruit punch and wafers were freely dispersed to hungry and thirsty dancers and the throng which persisted about "ye flowing bowl" gave evidence of the merits of its contents.

To the efforts of Miss Margaret Kinney, chairman of the dance committee, belongs credit for the excellent decorations and management which contributed to the success of the affair.

By close attention to every detail, even to the matter of fact manner with which the hostesses called for and escorted their partners to the hall, the fairer sex demonstrated their ability to assume the required duties of Leap Year with all grace.

A congenial crowd, a delightful hall and tantalizing music! What more could be desired for a perfect evening?

INTERCLASS CUP GAME TOMORROW NIGHT

College Seniors vs. Ag Seniors in Championship Bout

The Sophomores, tail enders in the inter-class basketball league, pulled the surprise of the season last Tuesday night when they overcame the Freshman team to the tune of 21 to 12. The Frosh were heavy favorites to win but failed before the onslaught of their time honored rivals. The result of the game shoved the Freshmen into a tie for the cellar position with the Sophs. On Wednesday night, the Seniors continued their winning streak in defeating the Juniors, according to expectations, 21 to 14. This game gave to the class of '24 the interclass championship for the third successive year.

Tomorrow night the Seniors will meet the Ag Seniors, champions of the Ag league for the University championship. Both teams are in fine fettle and out to cop the blue ribbon and the cup emblematic of the championship.

THE PRACTICAL VALUE OF PURE SCIENCE

ROBERT ANDREWS MILLIKAN
Norman Bridge Laboratory of Physics,
California Institute of Technology,
Pasadena, California

When I reflect that preceding Edison medallists have been men of the type of Charles F. Brush, who first showed the world that electricity might be used for city lighting; Alexander Graham Bell, whose invention was at the base of the whole vast system of modern communications; Frank Sprague, who was responsible for the application of electric power to railway transportation; M. I. Pupin, who made long distance telephony possible; J. J. Carty, under whose inspiration and leadership the telephone repeater and amplifier, with all that they mean to the enrichment of modern life, have been brought forth, and others of like achievement in the application of electricity to large industrial uses, I feel that there may have been a misunderstanding or a mistake in connection with this year's award. For when I look over my thirty years of scientific effort I can find no industry which has grown out of my researches, nor even any which have been very immediately benefited by them.

Since this survey certainly reveals nothing of great industrial consequence I am obliged to adopt either the mistake-theory, or, as an alternative, to assume that the American Institute of Electrical Engineers has this year been led to adopt a new policy—a policy of recognizing occasionally, at least, as something of vital, practical importance to the world, a type of activity which does not lead to immediate industrial advances. I am going to assume that this last hypothesis is correct, and in behalf of all workers in what is called the field of pure science and those who are spending their lives in trying merely to ferret out nature's secrets and to better man's understanding of her laws, I wish not only to express my appreciation to the Institute for the award, but also to compliment it upon the breadth of its own vision and the service to science which it has done in recognizing before the public the value of this other field. For, in the final analysis, the thing in this world which is of most supreme importance, indeed the thing which is of most practical value to the race, is not, after all, useful discovery or invention, but that which lies far back of them, namely, "the way men think"—the kind of conceptions which they have about the world in which they live and their own relations to it. It is this expanding of the mind of man, this clarifying of his conceptions through the discovery of truth which is the immediate object of all studies in the field of pure science. Behind that object, however, is the conviction that human life will ultimately be enriched by every increase in man's knowledge of the way in which nature works, since obviously the first step in the beneficent control of nature is a thorough understanding of her.

To illustrate my contention that the way men think is the most important and the most practical thing in human progress, I wish to consider briefly two great epochs in history in which significant changes have been brought about in man's conception of his world and of the place he occupies in it. The first epoch began just 450 years ago; for this year happens to be the 450th anniversary of the birth of Copernicus, as he was known in his native Poland, Nikolaus Copernik, a man who spent his life not primarily in the pursuit of astronomy, but rather in the service of the church, for he was Canon of the Cathedral of Frauenberg. This man was more than any other responsible for changing the conceptions of mankind about what some men who call themselves practical would say had no bearing upon this life of ours at all, and yet there was not a political or social change in Europe

NORAH BINNS GRACES ASSEMBLY PLATFORM

Subject of Address: "The Book Scorpion"

The weekly assembly program last Wednesday morning consisted of an address on the subject "The Book Scorpion" by Miss Norah Binns, Alfred graduate and present proprietress of the "Box of Books."

In the course of her remarks, Miss Binns emphasized the fact that a large percentage of people, even college students, know absolutely nothing of the wealth of knowledge and entertainment to be found in books. Because literature does not come within the requirements of their courses, they disregard it almost entirely. A great mistake, for reading can not only bring one pleasure and useful information but it develops in one the capacity for a fuller and saner enjoyment of life.

Not only in the ancient and medieval literature is there such a wide field for the book lover. Poetry that rivals the classics and mid-Victorians is being published every day. It is not necessary to turn to Shelley and to Byron for satisfaction of this sort. Present day poets have a freshness and foresight unknown in their predecessors.

Those who have thus far neglected to interest themselves in this world of reading, to be entered so easily, should lose no time in repairing the deficiency. Books will open doors never known to have existed and bring a full and true conception of life and its pleasure.

DYKEMAN ACHIEVES NATIONAL RECOGNITION

R. S. Ferguson, Coach of Alfred, Picks Tartan Ace on Mythical Team

Howard Dykeman, the ace of Carnegie Cross Country runners, has achieved some real recognition from an authority on the sport. R. S. Ferguson, Track Coach at Alfred University, writing in the National Athlete, has picked Dykeman as the second man on an All-Eastern Cross Country aggregation.

For first place he selects Verne Booth of John Hopkins University. Second choice in the All-Eastern team goes to Howard Dykeman of Carnegie Institute of Technology.

Mr. Ferguson completes his list with the following runners: third, Augustus Hillman of Hobart College; fourth place is a toss-up between Ryan and Hillman, both of the University of Maine; sixth, Case of Syracuse; and seventh, Herrick of Alfred University.

—CARNEGIE TARTAN.

FROSH TO COMBAT FILL-MORE HIGH

Tonight in the gym the Freshman basketball team will lock horns with Fillmore High school in their only home game of the year. The opportunity of playing on their own court may be sufficient incentive to the Frosh to enable them to chalk up a victory without which the season's record will show only defeats.

"Chief" Witter, Alfred's premier athlete, will bring his crew of cagers over from Bolivar on Thursday night to engage in battle with the Varsity quintet. Bolivar is reported to have a fast outfit and the game is certain to be lively. The entire college knows "Chief" personally or by reputation and the chance to again see him in action is welcome.

during the two or three succeeding centuries which it did not affect.

It is not strange that through all the ages up to the time Copernicus, the earth had been the center of man's universe, nor indeed that his whole thinking had been ego-centric—that

Continued on page three

VARSITY FIVE LOSES IN TWO GAME TRIP

Fall Before Onslaught of Niagara and Canisius

HEAVIEST ODDS OF SEASON

The Varsity basketball team returned from a two game trip last Saturday on which contests were lost to Canisius and Niagara University. In each game, especially the Canisius encounter, the Alfred quintet ran up against the toughest kind of opposition and made a creditable showing against teams which have set up enviable records on the court this year.

Canisius proved by far the stronger of the two teams met, having a heavy, fast combination that knew how to work together and whose members proved adept in the art of shooting from mid-court and making them count. The Purple squad held the Buffalo quintet to 18 to 12 the first half, and the outcome of the game was by no means certain until Canisius began to draw away from the visitors who seemed to have lost their fight and offensive power, and Alfred was able to score but fourteen points to their opponents' thirty-six in the final frame. The final score was 54 to 26.

Journeying to Niagara Falls on Friday, the Varsity quint met in Niagara University a team which had held Lafayette to a one point victory the preceding night. Although not big, the Falls aggregation was extremely fast and outplayed Alfred by a 16 to 6 score in the first half. In the second half, however, the Varsity "came back" and scored ten points to Niagara's nine. The team as a whole played better basketball than on the previous night. The foul shooting was poor, no points being registered out of nine free throws.

Alfred-Niagara Summary

| ALFRED | | | |
|--------------------|-------|-------|-------|
| | F. G. | F. P. | T. P. |
| Babcock, R. F. | 3 | 0 | 6 |
| Young, L. F. | 2 | 0 | 4 |
| Peterson, C. | 1 | 0 | 2 |
| Nichols, C. | 2 | 0 | 4 |
| Foti, R. G. | 0 | 0 | 0 |
| Chamberlain, R. G. | 0 | 0 | 0 |
| McConnell, L. G. | 0 | 0 | 0 |
| | 8 | 0 | 16 |

NIAGARA

| | F. G. | F. P. | T. P. |
|-------------------|-------|-------|-------|
| Robbino, R. F. | 1 | 1 | 3 |
| Hecker, R. F. | 0 | 0 | 0 |
| Devers, L. F. | 3 | 1 | 7 |
| Mullin, C. | 3 | 1 | 7 |
| McLaughlin, R. G. | 0 | 0 | 0 |
| Curtin, R. G. | 0 | 0 | 0 |
| DePhillipo, L. G. | 4 | 0 | 8 |
| | 11 | 3 | 25 |

Alfred-Canisius Summary

| ALFRED | | | |
|--------------------|-------|-------|-------|
| | F. G. | F. P. | T. P. |
| Babcock, R. F.—C. | 4 | 2 | 10 |
| Nichols, R. F. | 0 | 0 | 0 |
| Young, L. F. | 6 | 0 | 12 |
| Peterson, C. | 0 | 0 | 0 |
| Foti, R. G. | 0 | 1 | 1 |
| Chamberlain, R. G. | 0 | 0 | 0 |
| McConnell, L. G. | 1 | 1 | 3 |
| | 11 | 4 | 26 |

CANISIUS

| | F. G. | F. P. | T. P. |
|---------------------|-------|-------|-------|
| G. Guarnieri, R. F. | 6 | 1 | 13 |
| Hall, R. F. | 2 | 0 | 4 |
| Grenauer, L. F.—C. | 2 | 1 | 5 |
| Short, L. F.—L. G. | 4 | 1 | 9 |
| Hohorst, C. | 6 | 0 | 12 |
| Manguso, R. G. | 2 | 1 | 5 |
| Casey, R. G. | 1 | 0 | 2 |
| Burt, L. G. | 2 | 0 | 4 |
| | 25 | 4 | 54 |

UNUSUAL TREAT IN STORE FOR LOVERS OF DRAMA

Footlight Club Offers Matinee: "As You Like It"

The following cast, including Footlight Club members, is hard at work on Shakespeare's "As You Like It" and when the time for production arrives, will be prepared to exhibit some real material in dramatic ability. All High School students should note that one performance is billed for March 7, at 3:15 P. M. in Firemens Hall. This matinee has been especially arranged for the benefit of those students who live at a distance and who would be unable to make the trip in time to enjoy the play in the evening.

Approximately one hundred students from high schools within reach by ear are expected to attend and the number of applications is growing larger daily. A large bus load is coming from Arkport and varying numbers of students from Bolivar, Belfast and Almond. This bids fair to augment the audience to a fair sized house. However, Alfred students should set the example by attending the play and it is also hoped that, a goodly number will be on hand to welcome the visitors and to entertain them while they are here. The next evening, March 8, is the

time scheduled for the second and final production.

The cast:

| | |
|-----------------|----------------------------------|
| Orlando | Charles Amberg |
| Adam | Albert Rapp |
| Oliver | Ernest Eaton |
| Charles | Frederick Coots |
| Rosalind | Margaret Prentice |
| Celia | Edith Teal |
| Touchstone | Frank Gibson |
| LeBeau | James Yanick |
| Duke Frederick | George Garnhart |
| Lords | Max Crandall, Richard Hamilton |
| Ladies | Mildred Allen, Elizabeth Babcock |
| | Carlos Cameuga |
| Foresters | Frederick Coots, James Yanick |
| Jacques | John MacMahon |
| Banished Duke | Edward Newell |
| Corin | Herbert Woodward |
| Silveus | Gilbert Jeffrey |
| Audrey | Elizabeth Babcock |
| Phebe | Catherine Neuweisinger |
| William | Richard Hamilton |
| Hymen | Carlos Camenga |
| Jacques de Bois | Richard Hamilton |

Scenes:

Oliver's Orchard
Before Duke Frederick's Palace
In the Forest of Arden

Producing Staff

| | |
|----------------------|------------------------|
| Director | Morton Mix |
| Scenery and Coctumes | Catherine Neuweisinger |
| Stage Manager | Harry Rogers |
| Business Manager | Alvin Dunbar |

Matinee: March 7, 3:15 P. M.
Evening: March 8, 8:15 P. M.

N. Y. S. A.

Duncan Munro '23, was in town for the T. S. A. banquet.

Prof. Colgan was the speaker at C. L. C. A. last Sunday evening and gave an interesting talk, covering a wide range of subjects.

The Ag Seniors and College Seniors expect to play a game this week for the University Championship. date to be announced later.

Merle Weaver and Roland Kellogg are cutting timber on the Saunders farm. Some tall stories are in circulation as to their prowess along this line.

At a meeting held last Tuesday the following officers were elected by the Country Life Christian Association to hold office during the months of March and October: Pres., Joseph B. Laura; Vice Pres., Clifford Roy; Sec. and Treas., Ethel Dye.

FIRST ANNUAL BANQUET OF T. S. A.

The first annual banquet of the Tau Sigma Alpha Sorority was held Saturday evening at Firemens Hall, and was voted an unqualified success by all who attended.

The hall was beautifully decorated with the Sorority colors, brown and gold, and showed the results of much painstaking work on the part of the girls.

Dinner was served in small booths which were placed along both sides of the hall, and between courses everyone enjoyed dancing to the entrancing music of the five piece orchestra.

Twenty-eight couples were present, and the festivities continued till the witching hour of midnight.

Favors consisted of a beautiful combination card case and pocketbook, embossed with the Greek letters of

the Sorority, and containing a picture of each gentleman's hostess.

Invited guests were Pres. and Mrs. B. C. Davis, Director and Mrs. A. E. Champlin, and Mrs. Agnes K. Clark.

The following Sorority girls from out of town were present: Ethel Burdette, Gladys Kiel, and Virginia Flint.

The catering was of the finest, being in charge of Mrs. Post, and the music was furnished by Hedges Orchestra of Hornell.

The T. S. A. girls are certainly successful entertainers, and all who attended their banquet will long carry pleasant recollections of one of the most enjoyable social events it has been their good fortune to attend.

AN ENJOYABLE TRIP

The ice cream making class, accompanied by Prof. Camenga, journeyed to Hornell Friday afternoon. The plants of the June Ice Cream Co., Elmhurst Dairy and Purity Ice Cream Co. were visited. On leaving the Purity plant Leonard Minard fell head first into a barrel of candy. If he has good luck in keeping what he came out with, he ought to get along without buying any candy for the balance of the term.

When the party was about to leave Hornell Professor invited the class into our old friend's, Andy's restaurant for a cup of coffee but suddenly did a disappearing act after paying for his own coffee only. As Prof. is a married man with a family the class is inclined to view the incident in a charitable light.

It is expected that the class will take a trip to Buffalo soon and go through some of the large plants there.

When the everyday things of life begin to appear insignificant, it is time to dust the magnifying glass called intelligence.

—B. V. News.

TAU SIGMA ALPHA

Miss Mildred Weirmiller spent the week-end with Dorothy Wilcox.

Misses Virginia Flint, Gladys Keihle and Ethel Burdette returned to attend the first annual dinner dance of the Sorority.

Mrs. Frederick Stowe of Philadelphia is visiting her daughter Betty.

On Feb. 29, we were pleasantly entertained at a birthday dinner given in honor of Miss Truman.

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Mrs. Ramon Reynolds announces that she will take a limited number of pupils in voice training, at her home on Reynolds St. Phone 44 Y 3.

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STUDENT'S CANDY SHOP



MICHAEL FARADAY
1791-1867

Apprentice to an English book-binder. Attracted the attention of Sir Humphrey Davy, becoming his assistant. "The greatest experimentalist of all times," says one biographer. The electrical unit Farad was named for him.

"What's the use of it?"

Michael Faraday saw the real beginning of the age of electricity nearly a century ago when he thrust a bar magnet into a coil of wire connected with a galvanometer and made the needle swing.

Gladstone, watching Faraday at work in his laboratory, asked, "What's the use of it?" The experimenter jestingly replied, "There is every probability that you will soon be able to tax it." The world-wide use of electricity that has followed the Faraday discovery abundantly justifies the retort to Gladstone.

Faraday's theory of lines of force is constantly applied in the Research Laboratories of the General Electric Company in devising new electrical apparatus of which Faraday never dreamed. Every generator and motor is an elaboration of the simple instruments with which he first discovered and explained induction.



In 1880 the Edison Electric Illuminating Company, of New York City, installed a generator of 1200 lamps capacity, then considered a giant. By continuous experimentation and research the General Electric Company has developed generators 900 times as powerful as this wonder of forty years ago.

GENERAL ELECTRIC

FIAT LUX

Published weekly by the students of
Alfred University

Alfred, N. Y., March 4, 1924

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Subscriptions, \$2.50 a year. Single copies
10c. Advertising rates on application to
the Business Manager.

Address all business communications to
the Business Manager. All other com-
munications should be addressed to the
Editor-in-Chief.

No article will be accepted for publica-
tion later than 9:00 A. M. on Monday.

Entered at the Alfred Post Office as
second-class matter.

YOUNG ALFRED ALUMNA DISTINGUISHED

Hazel V. Gamble '23, Publishes Play
in the "Drama"

The last issue of the "Drama" (Feb-
ruary) contains a comedy, "Little
Fish" by Hazel V. Gamble of last
year's graduating class. The play was
written and was accepted by the
"Drama" while Miss Gamble was a
senior at Alfred. This is a distinction
which few undergraduates enjoy, and
we congratulate the young playwright
on her success.

"Little Fish," along with two other
plays by Alfred students, was pro-
duced in the Wee Playhouse last year
as laboratory work in the Class in
Playwriting. The following students
composed the cast:

| | |
|--------------|-----------------|
| Pa Stokes | William Navin |
| Ma Stokes | Myrtle Freeland |
| Aunt Sally | Hope Young |
| Sammy Shirts | Lyle Cady |

Miss Catherine Neuweisinger direct-
ed the play.

Alfred students will enjoy reading
this little comedy. It contains some
very excellent characterizations, which
give promise of still better things
from Miss Gamble's pen.

TEA IS THE THING!

Alfred of late seems to be reviving
the nice custom of afternoon tea. During
the last three weeks several charming
affairs have been given by towns-
people to students and by the stu-
dents themselves. A delightful in-
formality is the pleasing note at many
of these events.

Mrs. E. P. Saunders gave a tea to
a group of college women Friday
afternoon at which Miss Florence Lee
of Hornell was guest of honor.

Miss Norah Binns has the happy
custom of serving coffee and sand-
wiches (while not tea, it has quite
the same charm) afternoons in her
attractive "Box of Books."

Theta Theta Chi and Pi Alpha Pi
Sorority houses have also been scenes
of gay afternoon hospitality recently.

Mrs. Helen Cottrell gave a tea dance
at her home on Reynolds St., to twelve
couples Saturday afternoon.

1857 1923

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THE PRACTICAL VALUE OF PURE SCIENCE

Continued from page one

he felt that the universe had been
created especially for him with every
bird and beast and flower ministering
to his pleasure. Nor is it strange that
in spite of this self-centered concep-
tion, surrounded as he was with
mysterious forces, his philosophy of
life had been a supinely fatalistic one,
that little idea had as yet entered his
mind that he himself might have any
real control over nature, or that he
had any responsibility for the shaping
of human destinies. In all the ancient
world three blind fates sat down in
dark and dank inferno and spun out
the lives of men. Man himself was
not a vital agent in the march of
things; he was but a speck tossed
hither and thither in the play of mys-
terious, titanic, uncontrollable forces.
Even after the advent of Christianity
no idea of the possibility of changing
bad conditions by human effort gained
access to his thinking. The best that
he could do was to withdraw from the
world and to cultivate his soul in a
monastery, or to mortify the flesh
after the manner of the pillar-saints,
in the hope of reaping a reward in
the next world for his piety.

Now note first the simplicity of the
process by which a change in his
thinking begins to come about, and
then note the result. The simplicity
of the process has been characteristic
of the advance of science in all ages.
Careful observations, such as men
made in those days as well as this,
had brought out difficulties in the
explanations which had come down
from the past. The dome of heaven
rotating about the earth and carrying
the fixed stars, and other transparent
crystalline domes carrying the planets
and the sun and rotating at different
speeds, were simple enough if one is
not too insistent upon the requirements
of mechanical engineering, but careful
observation had shown retrograde mo-
tions, at certain seasons, of the planets
now known to be outside the earth's
orbit, which are actually due to the
fact that the earth itself is at these
times speeding between these outer
planets and the sun at an angular
speed greater than their own, thus
causing them to seem to go backward.
Such phenomena imposed impossible
conditions upon the crystalline domes
of the ancients unless the most compli-
cated and grotesque assumptions were
made. Copernicus wrote his only
book to show that all these difficul-
ties disappeared and all explanations
came out vastly more simply if the
earth is assumed to be but one of a
number of little planets rotating once
a day upon its axis and circling once
a year about the sun. But realizing
that this new conception might arouse
opposition because it robbed man of
his central position in the scheme of
things he wrote to the Pope, to whom
he dedicated his book, asking him to
use his influence to defend him from
those who might attack his theory
"because of some passage of Scrip-
ture which they had falsely distorted
for their own purposes." Here is a
devoutly religious man 400 years ago
of sufficient vision to see, even in the
dim light of that shadowy age, that
the foundations of real religion are

not laid where scientific discoveries of
any kind can disturb them, and who
therefore keeps his mind open at all
times to truth from whatever angle
it tries to enter.

But now look at the results of the
introduction of this new way of think-
ing upon a subject which had apparent-
ly no industrial or commercial bear-
ings whatever. The shock to tradition
and to established custom was too
great for the unseeing of his day as
it is of ours. The Inquisition came
and the frightful religious wars of
the next two centuries all because of
the introduction of some new ideas in-
to men's minds. True, the way men
think is the most practical concern
in life, for all conduct flows from it.

But slowly the truth prevailed, and
for four centuries the sciences of
celestial mechanics and of Newtonian
dynamics had greater and greater
successes until it became impossible
for even the most narrow visioned
and unintelligent of men to doubt the
fundamental correctness of Coperni-
cus's ideas, even though they had
been branded at their inception by
popes and emperors and scholars, even
as enlightened a one as Luther, as im-
pious and untrue because they were
"in a direct contradiction to the Scrip-
tures."

The second epoch of which I wish
to speak is that in which we live; for
it is quite as extraordinary as that of
Copernicus in the rapidity with which
new conceptions are being introduced
and in the influence of these concep-
tions upon human life and conduct.
Look at what has happened within
my own life-time in the field of physics,
for example. When I started my
graduate work in 1893 so sure were
we of the physical foundations of our
world, with its seventy-odd, unchange-
able, indestructible elements, its well-
formulated laws of matter-physics and
its equally firmly established laws of
ether-physics—ethereal and material
phenomenon being sharply and defi-
nitely differentiable — and the prin-
ciples of the conservation of energy,
the conservation of mass, and the con-
servation of momentum acting as na-
ture's policemen to keep the universe
running eternally within the law, that
it was then being frequently said,
often by the ablest of physicists, that
it was probable that all the great dis-
coveries in physics had already been
made and that future progress was
likely to arise only by increasing the
refinement of our measurements. Then
came, only two years thereafter, the
capital discovery of X-rays, an entirely
new phenomenon, having no relation
whatever to refinements of measure-

Continued on page four

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KLAN ALPINE

Brothers Wilcox and Button spent the week-end at their homes in Wellsville.

"What is the difference between Opportunity and Pinky's car? Opportunity knocks but once." Brother Gorab.

The Fraternity is initiating the following men: Duane Ogden, Norman Clark, Charles Amberg, Edward Lebohner, Hollis Herrick, Edward Turner, Carlyle Prentice, Robert Northrop, Edward Coats, Harold Alsworth.

Brother Adamec entertained Miss Bleiman at dinner at the house, Sunday, chaperoned by Brother Titsworth and Mrs. Titsworth.

DELTA SIG NOTES

Absence of freshmen at the house over the week-end was very noticeable largely due to the basketball trip which afforded many of them the opportunity of going home.

Mr. Ackerman of Belmont was a guest at the house over the week-end.

Mr. Jones visited his cousin, F. Coots and attended the Tau Sigma Alpha banquet and dance.

F. Coots attended the older boys conference at Hornell Friday and Saturday.

Mike Sherar spent the week-end in Wellsville.

Mac finally succeeded in catching the bird and expects to have it trained in a few weeks so that he can broadcast a few appropriate selections.

KAPPA PSI UPSILON HOUSE NOTES

A new phonograph has been added to the department of plant and structures. Aside from twelve would-be pianists, sixteen fiddlers, one clarinetist, two preachers, and four syncopaters, it reigns supreme.

The three house politicians, are in full charge of raising funds for the starving Victor employees.

Brother John Lane '26, has just arisen from a week's illness. To all appearances, he was the subject prim-evil, of excellent care.

Brother Paul Barone '25, spent the week-end at his home in Hornell.

Brother Spalding '27, entertained some guests from Hornell, recently.

Our handsome Swede, stepped out??

PI ALPHA PI PERSONALS

Grace Wright and Lillian Kilbury were guests at the Sorority house over the week-end.

The Pi Alphas missed Miss Bleiman at the noon hour on Sunday. There is a well-founded rumor that she and Dr. Adamec dined at the Klan Alpine Chalet.

On Wednesday evening a most delightful time was had by the Pi Alpha girls. They started from the house in two sleighs and had a merry time for a few hours. At nine o'clock they returned to the house and had a maple sugar party.

Esther Bowen rose to the occasion of "showing off" her avocation by decorating the Academy from the ceiling. Congratulations-

"Pete" Davis was a dinner guest at the house on Sunday. Strains of "Kitchen on the Keys" filled the house. More congratulations!

THETA GAMMA

On Thursday evening, Prof. A. H. Remsen was a guest at dinner at the Gamma Chapter House.

Brother Hilman is now residing at the Chapter House. It took an automobile truck to cart his belongings. That implies that Brother Hillman was in the clothing business.

Fraternalities in general improve a man both morally and physically. They are a leading factor in schools, because they install sound principles and loyalty. They achieve success by bringing in new men, moderating a new life and broadening a man's whole outlook. Then add that dignity and discipline of character which are leading features of a fraternity. Fraternities lead to high scholastic standings and tend to make a man stand by his organization and Alma Mater. Loyalty cemented in the bonds of a fraternal spirit is the strongest factor of friendship and manhood.

Brother Laura spent the week-end in Rochester.

PRACTICAL VALUE OF PURE SCIENCE

Continued from page three

ment. And two years later came radio-activity, which has now completely exploded the notion of the eternal character of the atom and revealed a world in which many if not all of the so-called elements are continually undergoing change, spontaneously shooting off projectiles with stupendous speeds, speeds far beyond those which it had ever been thought possible that matter in any form could attain. And then three years later came the beginnings of the quantum theory, which has shown us unmistakably (so it appears) that in the domain in which electrons live even Newton's laws no longer hold. And then a few years later, through Einstein's insight or speculations, as you prefer, mass and energy became interconvertible terms, and now we are all agreed that our former sharp distinctions between material, electrical and ethereal phenomenon have got to be abandoned. And, most important of all, from the amazing progress of physics has come more and more to the fore the idea that man has himself the ultimate ability to control for his own ends many of the changes going on in this changing world. How could it be otherwise when within a hundred years the very greatest of modern industries, that represented by the American Institute of Electrical Engineers, has been created through man's gaining year by year a larger and larger control of what used to be the most mysterious and apparently the most uncontrollable phenomenon of nature, the thunderbolts of Jove.

And geology, too, is telling us the same kind of a story. It is but fifty years since the death of Lyell, a man who, more perhaps than any other, first taught us to read the story of the rocks, yet now so well have we learned the lesson that to use a single illustration we count the exact number of years since the last ice age by the annual deposits on the shores of the Baltic Sea in just the same way as we obtain the age of a tree by the counting of its rings. And through all this expanding knowledge has come the definite evidence that man himself has been here perhaps a hundred thousand years, and yet that his extraordinary development, not physiologically, perhaps, but socially, has been exceedingly recent, much of it within a generation or two, since the developments in physics have given him control of the giant forces formerly wielded only by the Titans.

And the developments in biology taking place under our very eyes tell the same story. Bacteriology has already banished some of man's most dreaded scourges. In the fields of agriculture, horticulture and animal husbandry, man now builds plants and fruits, and even animals almost to suit his taste. If he hasn't a drought-resisting wheat, a seedless orange or a grape he goes to work to make one. If he does not find an ox adapted to resist the Texas winds like the buffalo and to put on flesh like a Durham, he creates one. As a result, then, of the modern pursuit of pure science in all its branches—the following of that inner urge simply to know, to explore, to understand, two new ideas completely foreign to the ancient world and to many races of the modern world as well have come into our western civilization. The one is the idea of the possibility of progress, of continuous development; and the other the idea of man's ability to control and in the Province of God (and I say it in all reverence) to determine to a large extent his own destiny, the idea of his own responsibility for the kind of an external world in which he lives. And if you wish to see the practical

result of this changing of "the way men think," look at the difference between our own civilization and the static civilization of Asia, where Nirvana is the goal of human life and a large fraction of the population reaches it quickly through starvation. Why is it that "fifty years of Europe is better than a cycle of Cathay"? Is it not simply because in certain sections of the world, primarily those inhabited by the Nordic race, a certain set of ideas have got a start in men's minds, the ideas of progress and of responsibility.

And these ideas have come about, I think, because in a few sections of the earth men have been led to follow simply the urge to know. First, to know this earth geographically, to explore it clear to the north pole and to the south pole, even when they knew there was not the remotest prospect of growing wheat or potatoes there. But now the days of geographical exploration are gone, and yet it is the same urge which leads on the descendants of these voyagers into the unknown—the astronomer to explore the heavens, however useless that may be, the physicist to study the properties of matter and radiant energy whether he sees any immediate use for his results or not, the biologist to delve as far as he can into the secrets of life and of organic growth.

On behalf of all those who are working in the field of pure science, all those pioneers who are pushing out beyond the present frontiers of human knowledge—where a few years hence the engineer and the other builders of a future more perfect civilization than our own will follow them—on behalf of all those who are struggling on in this field, which does not often meet with large public appreciation, I extend my heartfelt thanks to the American Institute of Electrical Engineers for helping to educate the public up to its values by recognizing it with an occasional Edison award.

NOTE—Response to the presentation of the Edison Medal at Del Monte on the evening of October 4, when the president's presentation address was made by Dr. Frank B. Jewett from his home in New Jersey, his voice being carried over telephone lines and amplified through the magnivox so as to be very distinctly audible to the entire audience seated at dinner in the Del Monte Hotel, three thousand miles away.

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