

Boost
The
Carnival

The Maine Campus

Published Weekly by the Library of the University of Maine

Attend
Basketball
Games

Vol. XXIII

ORONO, MAINE, January 11, 1922

No. 14

Major Kelley Gives Talk on Finances

Students Hear Report at Chapel on Convention of Business Officers Association of New England.

Mr. Kelley has recently returned from a meeting of the Business Officers' Association of New England, held at Massachusetts Institute of Technology and he briefly stated the business phases of education as taken up in those meetings, in chapel Wednesday. He has thoroughly inspected M. I. T. and its facilities, but states it as his opinion that as good advantages in education may be obtained by one's own efforts in "Maine" as in M. I. T.

The Business Officers' Association which was formed last August, met in the Faculty room of the Walker Memorial Building on the first evening. Among the first speakers was Roger W. Babson, President of the Association, who gave a talk on economics and their application to education in an article entitled "Institutional Investments." His plan was to use surplus funds in establishing an endowment; but our problem is not what to do with our extra money, but how to get enough money to carry us along and pay our bills. He also proposed the disposal of old stocks and investments in new companies and in common stock.

"The Budget Problem at Princeton" was discussed by the controller of Princeton University although it was made plain that Princeton never expected to live within its budget. He is agitating plans for founding a fund for 140 scholarships of \$300 each at Princeton, in memory of those who died in the World War. He has estimated the average cost of educating a student as \$490 a year in the year 1920-21 and \$504 for the next year, of course allowing for the difference of cost in different courses.

"Some Phases of College Accounting" as presented by the Secretary of M. I. T. shows some of the important problems which every institution of learning is facing. Teachers' salaries, office expenses and general expenses with the cost of different courses approximates

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Two Men Represent Our M. C. A. at Springfield

An M. C. A. deputation team consisting of Leland March '23 and Wm. Cannon '22 left Orono December 29 to spend the week-end at Springfield, Me. The deputation teams are one of the many channels thru which our University is being advertised. The glad welcome given these teams by the churches to which they have been shows the appreciation of the work that is being done.

Maine Varsity Defeats Bates Team. Score 28-18

The University of Maine basketball team defeated Bates Tuesday night by the score of 28-18. This game played at Lewiston is the first of the state games. The Bates tossers were completely outplayed in the first half, and although they rallied in the second, the period closed with Maine leading by 10 points. Berg's all round playing was the feature.

MAINE (28) BATES (18)
Newell lf 3.....rb Davis 1
Mason lf 1.....rb Wilson 1 (2)
Holmes lf 3.....lb Woodman
Noyes c.....lb Johnson 1
Warner lb 1.....c Perkins (2)
Berg rb 3.....rf Kempton 2 (2)
.....lf Gormley
.....lf Herrick 1
Referee, Edwards. 20 min. periods.

Mr. Danforth Lectures On Railroad Finances

"Railroad Finances" regarded from the standpoint of a railroad man were presented in chapel Thursday by Mr. Danforth of Bangor. He has for some years been in the service of the Bangor and Aroostook railroad and is capable of understanding railroad conditions as they exist.

During the war, the conditions of all railroads were deplorable under state control of rates and government control of expenditures. Their conditions in pre-war times had been bad enough, but they were turned back to private ownership in a much worse condition. The wage increase was 116% and the total cost of operating was practically doubled, placing the roads in a condition where they earned only one-sixth of 1% of the cost of capitalization.

The "Transportation Act" when passed by Congress in 1920 offered railroad improvements in three points: namely, those of adequate service, effi-

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Towner Succeeds Davee As President of Rifle Club

At a special meeting of the University of Maine Rifle Club, held Thursday noon, January 5, the resignation of Mr. Lawrence Davee, as president of the club was accepted. Mr. Towner was elected to succeed him.

It is with much regret that the club loses the services of Mr. Davee. He worked hard for the success of the club last year and contributed good scores himself, being second highest man on the team. It is due to Mr. Davee's very full schedule that he found it necessary to resign.

Mr. Kidney announced at this meeting that there would be seven rifle teams in all, consisting of the 1st and 2nd Varsity teams, 1st, 2nd and 3rd University of Maine teams, a sophomore team and a freshman team. The club voted to have Mr. Kidney select the captains, who would also serve as assistant coaches for each of these teams.

The University of Maine team is open only to members of the R. O. T. C., without a membership fee, while the Varsity team is open to all student who become members of the club.

Prof. Ellis at Meeting of Modern Language Assn.

Professor Ellis of the Department of English, attended the annual meeting of the Modern Language Association of America, held at Baltimore December 28, 29, and 30. This is the national professional association of college and university teachers of English and the modern languages. At the meeting of the American Literature group, on Thursday, Professor Ellis led the discussion of the topic "American Literature as a Subject for Graduate Study Leading to the Master's Degree." Other speakers before this group were Dean A. H. Quinn of the University of Pennsylvania and Professor Bronson of Brown. Professor Stith Thompson who left the University of Maine last summer to accept a position in the University of Indiana, read a paper before the Association on some North American Indian folk tales. The meeting was held at Johns Hopkins University.

Practice House Proud of Its Youngest Resident

We of the University have not realized what an interesting experiment is being tried by the senior girls in Home Economics in caring for a baby until Commencement. Yet several newspapers, among them the *Boston Post*, the *Portland Express*, the *Lewiston Journal*, the *Bangor Daily News*, and the *Bangor Commercial* have featured Frances Pauline within the last few weeks, commending the practical value of such a course as a part of Household Administration.



Frances Pauline, aged five months and three weeks, has been at the Practice House since October fifteenth and during that time, with careful attention and feeding, has been gaining rapidly in weight. She has not been sick a day. Her food is milk from the University Dairy, modified with water and dextro-maltose, 14 ounces of water and 5 tablespoons of dextro-maltose being added to 23½ ounces of milk. This amount is divided into feedings of 7½ ounces each to be given at 6.30, 10.30, 2.30, 6.30 and 10.30.

The baby has very black eyes and hair, and cheeks which perhaps owe their rosinosity to her outdoor naps from 10.30 in the morning until 2.00 in the afternoon, then from 2.30 until 4.30. The eight girls in the house each care for her for two weeks at a time, attending to her food and clothes and sleeping in the same room with her at night. Funds of the house were used to furnish her own little room, to buy her bed, carriage and clothes.

Minnesota, the first university to try such an experiment, has met with great success, and is now caring for its third baby. Among others which now include practical training in the care of children are: Cornell, Oregon Agricultural College, South Dakota Agricultural College, Utah, Nebraska and Oklahoma. Several normal schools, including Framingham, also include this in their course. The students in one Wisconsin high school cared for a baby during the school day and made all her clothes.

Perhaps the Practice House on the campus did not receive enough publicity when it was first established for many here now do not understand the purpose of its maintenance and the character of the work done by the girls. It opened in the fall of 1919 as a result of the Smith-Hughes Act which required a course in Household Administration as part of the Home Economics training.

The house is absolutely self supporting; from the money which they pay in for board and room the girls pay the University the same rent it formerly received from the fraternities, heat, water and all other bills. Because of the large number in the senior class, only half can live at the Practice House each semester. The eight girls work in turn on shifts of two weeks at the eight different tasks: housekeeper, cook, assistant cook, upstairs and downstairs cleaners, dining room girl, baby manager and assistant baby manager. The other half of the class will enter the Practice House at the beginning of the spring semester.

Basketball Team Wins First Game of Season

Maine Starts Home Season Right by Defeating P. A. C. Five 26-22 in Hard Fought Game.

Play Exciting Games in Intramural Basketball

The intramural basketball games this week attracted a considerable number of fans and were characterized by a fast brand of playing.

On Wednesday afternoon Sigma Chi easily defeated the Phi Ep boys by the score of 34-9. The work of Henry Small for the winners was a feature of the game. Small proved to be as formidable a basketballer as he is a griddier, scoring 14 of the points for his team and playing a flashy game.

Saturday afternoon Phi Epsilon P suffered a defeat at the hands of Phi Kappa Sigma despite the desperate attempts of the Cohen brothers, Harry and Phil, to ward off the attack by their laugh-producing slapstick comedy. The game was featured thruout by their clever work in this direction and was highly appreciated by the onlookers. Brasseur of the winners and Rosenthal played a fast game.

Sigma Nu almost whitewashed the Delta Tau five and by their well balanced team showed the spectators that they have a team of championship caliber.

Kappa Sigma suffered their first defeat of the tournament from the Commons Council quintet by the score of 13-11. The Kappa Sig boys seemed to be off form and lacked their famous dash and fight. The winners had good passing and straight shooting team.

Wednesday afternoon Sigma Chi and Phi Epsilon P played. It was rather a

The line-up:
PHI EPSILON PI SIGMA CHI
N. Cohen rf.....rf Carter
Hoos lf.....lf Small

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To Offer New Course In Photography Here

Something of a new departure in courses is promised for the Spring Semester, when the Departments of Physics, Chemistry and Biology, with assistance from other departments, will offer a course on "The Principles and Processes of Photography." It is believed that a demand for such a course exists among students who wish to know something of the "why" of photography, as well as know how to press the button and let somebody else do the rest. Hence the course includes a consideration of such topics as the choice of lenses, defects of negatives with their causes and remedies. The course will consist of experimental lectures, and will carry one hour's credit. Registration is restricted to those who have had elementary work in Physics and Chemistry. A short outline follows:

1. Historical sketch.
2. The Physics of Photography (under direction of Department of Physics) camera; lenses, foci, images, defects of lenses, types of lenses; shutters.
3. The Chemistry of Photography (under direction of Department of Chemistry): dry plates; gelatin emulsion; exposures; development; defects of negatives; positives.
4. Applications of Photography (under direction of Department of Biology) copying and enlarging; photomicrography, including photography of colors; photography of metals (Dept. of Mech. Engineering); aeroplane photography (Mr. J. L. Bernard); color photography printing and lithographing processes; composition of a picture (Professor Weston).

The varsity basketball season started with a bang Saturday with the varsity five winning a hard fought game with the Portland Athletic Club 26-22 and the freshman team scoring a victory over the fast Higgins Classical team by the score of 24-18.

Both games were filled with action and thrills and were cleanly played. In the main game the score was tied four different times in the last period, and the result was in doubt until the last few minutes of play, even then the P. A. C. center, Snow threatened the Maine defensive by his whirlwind rushes and shooting. Several times during the game it seemed almost impossible for the Maine men to break up the attack of Snow. The Maine team showed good form and teamwork and by working together secured the victory. Ollie Berg and Captain Holmes of last year's team displayed a fast brand of basketball. Fayle from last year's squad played a good game and worked well with Holmes. In the second period, Noyes went in center, Turner went in as back for Newell and Newell went forward for Fayle.

The refereeing of Sanborn of N. I. State was of the best and satisfactory to both teams.

The game between the freshmen and Higgins Classical was a closely played affair with the teams being evenly matched and both working hard for a victory. The Maine team seemed to be a little better organized than the prep school boys but the work of Shaw and Eastman of Higgins was a feature. Skinny Taylor, the former Rumford High boy and Montgomery starred for the victors. Bob Schenck officiated in his usual efficient manner.

The large crowd must have been gratifying to Manager Jack McCrystle who in a thousand different ways has been working hard to make this a most

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Receive Banner Won by Cross Country Runners

Alumni Secretary "Pep" Towner has recently received a large banner from the New England Intercollegiate Athletic Association which is awarded to the college or university whose team wins the annual cross country run at Franklin Park, Boston, in November. The banner is similar to those given in previous years for cross country victories, red and blue in color, with the inscription, Thirteenth Annual Cross country Run, Franklin Park, November 12, 1921—Won by University of Maine. After being framed it will be placed with the other trophies and banners in Alumni Hall.

Officers Are Elected For Math. Association

The domestic science department of Bangor high school, under the direction of the teachers of the department, served a delicious supper to the members of the Eastern Maine Mathematical Association at the High School on Saturday evening, Dec. 10.

At the business meeting which followed the supper, the following officers were elected:

President, Miss Vivian Skinner of Bangor high school; vice president, Dean J. N. Hart of University of Maine, and secretary and treasurer, Mr. Carter of the junior high school of Old Town. The speakers of the evening were Miss Bernice Dunning, Superintendent Morrill and Professor Lester Hill of University of Maine.

The Maine Campus

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Communications should be at the postoffice at Alumni Hall before Saturday noon to insure publication.

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A New Course

With the opening of the next semester a new course is to be added to the University curriculum. This course is called "The Principles and Processes of Photography" and is to be given by the Departments of Physics, Chemistry and Biology with the assistance of other departments. This is the first time that a course has been given by the coordinate efforts of the departments of the University, with the exception of the general lectures which are a different type of study.

It seems to us that this course in photography fills a long felt want of the students in the University. The course, as is explained in other parts of the Campus, aims to give the persons interested in picture taking, the reasons for the many actions which are now accepted on faith.

The ability to take pictures, with a fair degree of success, under all conditions is invaluable in nearly all lines of work. The salesman, journalist, agricultural county agent, engineer and business man are all able to make use of good pictures of conditions that are impossible to describe. Thru the efforts of Dr. Chrysler, special lantern slides are being made for the course by the Eastman Kodak Company of Rochester, New York. If the course proves a success it will be repeated next year. Many universities thru the country have a department devoted wholly to photography and it seems that we here at Maine should at least have a course in this subject.

"Be decent, without using a megaphone to let the world know it."

"Opportunity is the only Knocker that is welcome."

The Grand Old Man

In the columns of the *Campus* from time to time there will appear articles about the lives of many of the founders and early trustees of this institution. It has seemed to us that the average student at the University would enjoy knowing something of the men who were responsible for the existence of our University.

These articles will be taken wholly or in part from the "History of the University of Maine" by President Fernald, the man for whom Fernald Hall was named. In these articles we will try to tell you of the type of man that supported this institution in the early days when we had few friends and many enemies. The lives of such men as the men for whom Lord Hall, Wingate Hall, Estabrooke Hall and Holmes Hall were named will be given together with the lives of some of the early trustees.

It would be time very well spent if all the students of this institution should read the complete history of the University as given by Pres. Fernald. As this may be impossible for many we hope you will take advantage of the opportunity which will be offered in the columns of the *Campus* for a slight acquaintance with a few of Maine's "Grand Old Men."

"It's a great man who when in doubt minds his own business."

"Suppose that from this time on we spend as much time correcting our own faults as we do in putting other people straight."

"The most important thing in the world: the ability to earn a living."

The Men's Glee Club

The University of Maine Glee Club has not enjoyed the support and popularity that a University glee club should have. The tendency is toward a lack of interest. At the present time there are not enough members eligible to make a trip possible. This shortage is in the tenor section. This is a golden opportunity for any of the members of the University who have a tenor voice.

The glee club has a trip planned to cover Portland, Boston, New Haven, and New York. The good time enjoyed on a trip of this kind is ample reward for the expenditure of time and energy. If you want our glee club to stand where it should with the glee clubs of other institutions it is up to you to see that men with tenor voices at least try out for the vacant positions. Boost the glee club for Maine.

"In the promised land there were always a few people who kicked because the milk was too yellow and the honey too sweet."

"Don't feel sorry for yourself—feel sorry for the folks who have to live with you."

"The man with nothing to do, and the whole day to do it, is the one who misses the train."

Much credit is due the Army officers for the very exceptional circus given by the R. O. T. C. unit here. When have we had a more successful exhibition?

"Faith will remove mountains of trouble."

Several Scholarships Given by Wellesley

Wellesley College which is at present one of the greatest institutions of learning for women, is offering several graduate scholarships and fellowships for the year 1922-23. These scholarships are available to any graduate of Wellesley or other college of good standing.

Every year at this institution, there are scholarships offered which are usually awarded carefully and the winners are chosen because of their merit and high standing in character and intellect.

The Alumnae Association offers two such scholarships for 1922-23. The first of these is the Susan M. Hallowell fellowship which is available for study in candidacy for an M. A. degree at Wellesley. The reward is three hundred and fifty dollars. The second one offered by the Alumnae is the Mary E. Horton fellowship in honor of the first professor of Greek at Wellesley. This is open to Wellesley graduates only and is to be used to obtain a higher degree.

The largest one offered is the Alice Freeman Palmer fellowship founded in 1903. It yields an income of about one thousand dollars. This is open to a graduate of any American college of good standing. The money may be used for study abroad, or at any American college, or for private research. Within three years from entrance on the Fellowship a thesis must be presented showing the result of the work during this period.

The trustees of the college have also established eighteen scholarships of three hundred dollars each for graduate students resident at Wellesley.

Work of Debating Team Shows Good Progress

The debating team has settled down to the work of sifting out an affirmative and negative case from the vast amount of material at hand on the subject of the closed shop. The library has recently been well stocked with information on this phase of the labor question as all means of information have been resorted to. The volume of material available, therefore, makes the gathering of the proper material a difficult task.

The members of the team have been meeting with Prof. Bailey regularly to discuss the material gathered and its organization. Members of the faculty have been invited by the Debating Society to give the team advice in its work. Each day next week a speaker on the negative and affirmative side will discuss the subject before the student body during the chapel period.

Miss Chamberlain (looking at a French sentence at the top of the board) Well, I don't believe that I can reach that sentence.

Voice from the class: I'll lift you up.

Hold Extension Gathering During the Vacation

Three gatherings in connection with agricultural extension work were held on the campus while the Christmas recess was in progress. The first was a clothing school attended by the home demonstration agents who are stationed in the various counties of Maine. Then followed a four days' convention of county agents, home demonstration agents and state specialists comprising Dean Merrill's extension staff.

Finally in the last week of the vacation period there were assembled on the campus about 90 members and leaders of boys' and girls' clubs and Farm Bureau county club project leaders. The club members present were all champions in their respective counties in club work projects.

The boys and their men leaders were housed in Oak Hall, the girls and their leaders in Balentine. All meals were served in Balentine. The sessions were held in Alumni Hall and there also were exhibited the sample products that figured in the scoring for points of merit. A tour of the campus and University buildings followed the opening session, Dec. 30. The program also included a banquet in Balentine Hall, with toasts by a number of the club champions. R. Leon Lary, a Scarborough boy with college aspirations, who was valedictorian in his class in high school last year, was toastmaster.

Nine state championships were awarded, as follows, the awards based on excellence of product, financial records and narrative stories of the season's work.

Sweet corn, R. Leon Lary, Scarborough; flint corn, Eldwin Wixson, Winslow; potato, Irving Chandler, Presque Isle; canning, Abbie C. Nickerson, Brooks; cooking and housekeeping, Dorothy E. Holt, Buxton; sewing, Gladys Lord East Surry; garden, Mary P. Hunter, Topsham; pig, Virginia I. Gray, Bucksport; poultry, Cedric L. Ranger, East Wilton.

The Maine Central offered reduced rates of fare and contributed \$200 in prizes distributed among all the county champions attending.

Cedric L. Ranger, the state champion in the poultry project, plans to enter U. of M. next fall.

Dr. Meylan Gives Report On Present Day Athletics

At the sixteenth annual convention of the National Collegiate Athletic Association, held at the Hotel Astor, New York on December 28 and 29, Dr. Meylan of Columbia University in a district report, made noteworthy comment on college athletics. He says, "The present conditions indicate that college athletics are still suffering from proselytizing low scholarship, undesirable coaching, domination of some alumni, and commercialism. To one who has been in close touch with college athletics comes the growing conviction that progress of eliminating abuses is not commensurate with the time and effort devoted to it."

The greatest promise for a solution of this vexing problem lies in the success achieved by a few institutions which have recognized their responsibility and assumed the obligation to organize and administer athletics as an integral part of the educational program, and primarily for the benefit of the students. The chief obstacles to the progress in this direction are the indifference and lack of appreciation of the educational value of athletics on the part of many faculty members and the traditions built on fifty years of antagonism between faculties and students over the development and administration of athletics."

Members Chosen for The Girl's Rifle Team

Two teams of ten members each, have been selected from the girls who are out for Rifle Practice this year. Several matches have been arranged with other teams.

Following is the list of the members of the teams as they now stand.
First Team: Dunn, Bunker, Harris, Bissonnette, Jackson, Brackett, Wallace, Crockett, Mossler, Perkins, F.
Second Team: Clare, Hall, Mabel, Jorgenson, Tibbetts, Weatherbee, Guppy, Turner, Lindsey, Shorey, Hamlin.

Worried Freshman: If I should get a lot of F's what should I do?
Wise Soph: Go home.

County Circus Great Financial Success

Altho it is contrary to the usual circus custom, W. D. Towner, Treasurer of the U. of M. R. O. T. C. and V. F. W. Country Circus, which made a one-night stand here December 2, 1921 makes public the following statement of receipts and expenditures.

This publicity is easily explained, however, since the circus was organized and given with the object of raising money to help erect a fitting memorial to the 36 Maine men who died in the World War.

STATEMENT OF RECEIPTS AND EXPENDITURES

Gross Receipts	
(Admission, Side Shows, Alumni Contributions, etc.)	\$608.45
Expenditures	
Parks' Hardware—paint & brushes	\$1.30
W. D. Towner—500 post cards	5.00
H. B. Tupper—Multigraphing	1.00
Capt. Norris—Misc.	4.35
Sgt. Strother—Misc.	4.28
W. D. Towner—Telegram	1.25
J. A. Reid—Piano player	6.26
A. Sparrow—Misc.	33.40
Univ. Store Co.—Misc.	8.62
Univ. of Maine—600	
Admission Tickets	3.30
Univ. of Maine—Materials	9.74
Elec. Baking Co., Old Town	
Buns	1.44
Globe Ticket Co.—Roll	
Tickets (side shows)	4.88
George A. King—Misc.	21.35
Mitchell & Cunningham—Misc.	64.80
Miss S. P. Baker—Cotton	1.65
The Dole Co.—Rental lamps	15.60
Peavey Transfer Co.—Moving scenery	8.19
Total	196.41
Net profit	\$412.04
W. D. Towner In charge of Finances	

Prof. Kueny Criticises French Text-Books

Readers of the *Modern Language Journal*, especially those interested in the teaching of French, have read with pleasure an article on direct-method exercises by Professor Kueny in the November number. It is the first of a series on common mistakes in French textbooks.

A short discussion of the advantages and popularity of the direct method is followed by suggestions for making the material given in texts a basis for interesting and stimulating questions for conversational use. The formulating of questions is an art in itself, although many editors offer theirs as after thoughts. The author of the article also criticises the lack of progress in sets of questions since those given in advanced texts offer no more difficulties than the ones for beginners.

The closing of the remarks consists of quotations of incorrect questions from fourteen different textbooks published within the last four or five years and short corrections of the most glaring mistakes.

Such an article as Professor Kueny's cannot fail to be of value to teachers in helping them to detect flaws in textbooks and reject those texts which are hopelessly incorrect. It is certainly an advantage to have access to such a criticism, especially when it is written by a native Frenchman who is so patently engrossed in his subject.

Foreign War Veterans To Install New Officers

Judge William H. Mitchell, judge-advocate of Maine State Department Veterans of Foreign Wars, will install the officers of the Charles A. Rice Post, Number 558, Veterans of Foreign Wars Thursday evening at 7.00 in number 11 Coburn Hall. The following officers will be installed: commander, William Keyte; senior vice commander, George Holt; junior vice commander, Horace B. Atkinson; quartermaster, Ivan Pease; Chaplain: Paul Sullivan; surgeon: Herbert Brawn; officer of the day Sgt. Strothers; trustee for ensuing 18 months: Major Luther R. James.

'23—I have decided that if I flunk I'm going to take aviation poison.

'22—Never heard of it. How strong is it?

'23—One drop will kill a person.

CORRESPONDENCE

The Maine Campus is not responsible for the sentiments of letters published in the correspondence column. Signed communications from graduates, undergraduates and members of the faculty will be placed in print if they are not of too great length.

No communication will be admitted to this column without the name of the writer being attached not necessarily for publication.

Orono, Jan. 9, 1922

The Editor-in-Chief,
The Campus,
Dear Sir:

Nowadays the person who has not dabbled in photography is almost as rare as the person who has never ridden in an automobile. For some time I have been wondering whether some of our enthusiastic amateur photographers would not welcome an opportunity of learning something about the principles of this art-science. And now the opportunity is here, for the Departments of Physics and Chemistry have consented to join me in a combined course on "The Principles and Processes of Photography." We are also to be favored with lectures by the Department of Mechanical Engineering, by Professor Weston and Mr. J. L. Bernard.

Since this course is not mentioned in the catalog, *The Campus* might render a service by announcing the course, which will be found listed under "General Courses" in the Time Schedule. The course will consist of experimental lectures and text-book work, will carry one hour credit, and will be open to students who have had elementary work in Physics and Chemistry. We are not desirous of attracting a large class, but are especially anxious that the course should be brought to the notice of students who are interested in knowing something of the *how* and *why* of the subject.

Thanking you for the privilege of making this announcement,

Sincerely yours,

M. A. Chrysler



An instructive as well as interesting picture was shown in the chapel, Saturday morning, January 7, for the benefit of the class in Mt. 3. The picture showed very clearly the operation and use of the rifle grenade, which is in line with the work recently taken up by the Mt. 3 class.

Saturday afternoon several interesting military pictures were shown for the benefit of anyone who cared to attend. These showed how the larger guns are transported, how new positions are occupied and the damaging effect of the "One Pounder."

The Class in Mt. 1 enjoyed a talk given by Major James in the gymnasium on Saturday morning. He announced that five rifle teams are to be formed to represent the University of Maine in matches to be held with the R. O. T. C. organizations of other New England colleges. These will be known as the University of Maine first, second and third, and freshman and sophomore teams. It is hoped that these teams will be composed largely of students intending to attend the Plattsburg camp next summer for there the rivalry is keen and the champion college team will participate in the national match to be held at Perry, Ohio, next fall.

Major James ended his talk with an explanation of the significance of the salute. To many this explanation was a surprise. Some had thought the salute to be a sign of inferiority rather than courtesy. These few were soon enlightened as to the real nature of the salute.

Miss Chadbourne: Are you a psychological student, Mr. Marsh?

Mr. M.: Yes.

Miss C.: Well then, what is apperception?

Mr. M.: Oh, we haven't come to that yet.

I thought you had that quiz down cold,
And thus replied our hero:
Well, didn't I have it cold enough?
"The grade I got was 0."

The Distribution of Our Farm Products

By Dr. H. E. Erdman

In Charge Cost of Production and Distribution Studies, U. S. Department of Agriculture

During the past few years there has been an insistent demand for more accurate and complete figures on costs of producing and distributing farm products. The demand for cost of production data has come from those who have been under criticism for asking high prices for their products, from those who have been compelled to pay such prices, and from those who have been unable to obtain adequate prices in the markets. Many producers have felt that with a positive knowledge of costs they can ask and obtain "cost plus a reasonable profit," whatever that may mean. In the case of costs of distribution the demand for convincing figures has come largely from producers and consumers who have felt that distributors were taking too wide margins and who believed that something might be done to reduce those margins if they were definitely known and proved to be unreasonably wide.

Much of the discussion on this subject has gone astray on two points: (1) The nature of costs and their relation to profits, and (2) the use which can be made of such data, once they are collected. In the first case much of the error has arisen out of a blind faith in averages. The demand has been for a specific figure representing the cost of producing or distributing some given crop, and this figure has been thought of as an average. As a matter of fact, there is a wide range of costs, and the average is but a point about which individual costs are scattered. In 1919, for example, the average cost of producing a bushel of spring wheat on a considerable group of farms was \$2.65. But the individual costs ranged from \$1.10 to \$14.40 per bushel. On about 65% of the acreage studied wheat was produced at a cost equal to or less than this average. All of these producers sold at approximately the same market price, which was slightly below the average cost of production. Hence many made profits, even though this was a year of exceptionally high costs. This illustrates the relation between costs and profits. Since prices, if we allow for quality and distance from market, are about the same for all producers, profit accrues to the low-cost man, whereas the high-cost man suffers loss, or makes a profit only when prices happen to be high with relation to costs. In the long run prices must be sufficiently high to keep in business enough producers or distributors to supply the required quantity of goods or services. In connection with the second point the discussion has gone astray largely because of an undue faith in price control, either directly or indirectly. Producers have felt, for example, that if costs were known they might ask and obtain "cost of production plus a fair profit." Likewise, cost of marketing data have been considered in connection with control of prices or margins. Gradually, however, producers and others are coming to see other very important uses of cost data.

Four reasons may be given why cost data should be gathered by some impartial agency and why business men themselves should be vitally interested in having them collected and made generally available:

1. A knowledge of costs makes possible a more rapid and more accurate readjustment of business operations to meet economic changes. Accurate cost studies quickly show a man which of his lines pay best, which pay least, which had best be expanded, and which dropped. His ability to compare his costs with those of other men, many of whom have lower costs, may lead him to try to decrease his own costs by adopting better methods. Hence a knowledge of costs looks toward efficiency.
2. A general knowledge of costs will tend to eliminate a certain type of unfair competition—the kind which arises out of ignorance of costs and which, through price cutting, often causes considerable disturbance in business. A few years ago, for example, a milk company in one of our mid-western cities was started by a group of business men who considered the field a fertile one for profits. The company, believing that competitors' prices were too high, began cutting to a degree which ultimately led it to face bankruptcy. In the meantime its competitors were unable to make any profits.

3. A knowledge of costs in some instances makes consumers more tolerant of such price increases as cost studies seem to justify. Numerous increases in milk prices in recent years have been accepted by the public with scarcely any cut in consumption, after careful investigation had shown that both producers' and dealers' margins were reasonable in view of existing costs. Producers may, however, over-emphasize this point. The quality of the product and the service being the same, consumers will buy where they can buy cheapest, and will not pay a higher price because a thing has cost much if it can be obtained for less.

4. Cost studies will influence price to some extent by the greater promptness with which production can be shifted to meet changed conditions in regard to the costs of production of, or the demand for, the product. This will mean that neither large profits nor general losses can continue so long when costs are known as when the producer is without knowledge of his costs.

The ratio method of determining costs is very useful in bringing up-to-date, with approximate accuracy, cost studies which were made at some time in the past. This is done by studying basic cost elements and then applying current prices to these. Cost studies are always backward-looking. They show what has happened in specific instances in the past. Before they become available, conditions have changed and the cost figures no longer explain all existing facts. Thus, for a number of years prior to our entrance into the war, certain agricultural experiment stations had been studying milk-producers' costs. But as the figures they obtained were always relatively old, various "formulae" were developed for bringing them up-to-date when the war brought on the need for up-to-the-minute cost data. In this case current prices were applied to those quantities of feed, labor, and other items which went into the production of 100 pounds of milk during the period for which costs were studied. Thus, approximately the current cost was given. If cost data are generally collected in the form of basic cost elements, it will be relatively easy to bring the costs up-to-date with approximate accuracy.

It may seem a simple thing to ascertain costs. But one who attempts it soon decides that there is a reason why so few concerns really know costs. The study is full of problems worthy of the best efforts of some of our most capable men. In the first place, there is the perplexing problem of joint costs. For example, in some sections fertilizer is applied just before the wheat crop is sown. But the wheat crop does not use all of the fertilizer. How much of it is to be charged to the wheat and how much to the corn and clover crops following it? A milk company considers the delivery of milk to the home its main business. But it also produces butter, buttermilk, cottage cheese, cream and ice cream, and delivers these to homes in containers of various sizes, and often on the same delivery wagon with the milk. What costs should be charged against each item?

What about some of the elements of cost, such as an allowance for the time of the working proprietor, or for unpaid family labor? On many farms, stores, and in small factories, women and children—unpaid members of the proprietor's family—often do men's work. What allowance is to be made for them?

How are costs to be secured? One way is to pass a law giving some governmental authority the power to go over the books of the individual or firm in question and get costs. Perhaps such a law would require the keeping of certain records. But such power, if at all tyrannically employed, may so antagonize members of a company that the collection of cost data may become difficult because of obstructionary tactics used by the persons or firms concerned.

The best way would seem to be that of securing the cooperation of the members of the trade. This is usually possible if the matter is properly approached and an attitude of fairness maintained. It may, however, take expert salesmanship to convince the people concerned that it is to their advantage to give cost data to a government investigator.

There are opportunities for men properly trained for this sort of work, in the Federal Department of Agriculture, in the various state colleges and experiment stations, in state bureaus of markets, and probably also in the various farmers' organizations, to say nothing of the almost limitless field in the business world.

(Continued on Page Four)

ALUMNI NOTES

Linwood J. Kelley '21 is teaching and coaching basketball at the South Portland High School.

Ivan S. Hanson '19 was recently married to Miss Ethel Hurd of Berwick, Me. Mr. Hanson is now employed as turbine engineer and draftsman by the Westinghouse Electric and Manufacturing Co., South Philadelphia, Pa.

Paul Cohen '21 is temporarily employed as a naval draftsman on the S. S. Mt. Vernon.

Ralph W. Haskell '05 has been elected alderman-at-large in his native city of Westbrook, in whose common council he had served three terms, last year as president of the board. He is superintendent of the Haskell silk mills.

Miss Mary Pulsifer, daughter of Mr. and Mrs. James B. Pulsifer of Cook street, whose engagement to Walter Gordon of Boston has been announced was tendered a variety shower Monday evening at the home of Mrs. George E. Kinney, Seventh street.

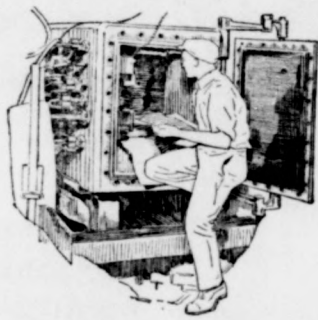
Miss Pulsifer was graduated from E. L. H. S. '15 and from the University of Maine, class of 1919. She has taught since her graduation in the Lancaster, N. H. high school.

Mr. Gordon is a well known Livermore Falls young man and is a student at Massachusetts Institute of Technology, class of 1922.

Brig. Gen. Mark L. Hersey, a former commander of Camp Devens, a native of East Corinth and formerly military instructor at the U. of M., arrived on Saturday in Boston at the headquarters of the 1st Corps Area and was greeted by the officers of the headquarters staff.

Gen. Hersey has been assigned to the command of the 1st Corps, Coast Artillery, which has been without a permanent commander ever since the death of Brig. Gen. J. W. Ruckman last summer. This command includes all the harbor and coast defenses of Boston and the training center camp at Fort Andrews. Gen. Hersey was in command of the Citizens' Training Camp at Camp Devens last summer.

Don't forget the Maine "Hello."



What Is a Vacuum Furnace?

IN an ordinary furnace materials burn or combine with the oxygen of the air. Melt zinc, cadmium, or lead in an ordinary furnace and a scum of "dross" appears, an impurity formed by the oxygen. You see it in the lead pots that plumbers use.

In a vacuum furnace, on the contrary, the air is pumped out so that the heated object cannot combine with oxygen. Therefore in the vacuum furnace impurities are not formed.

Clearly, the chemical processes that take place in the two types are different, and the difference is important. Copper, for instance, if impure, loses in electrical conductivity. Vacuum-furnace copper is pure.

So the vacuum furnace has opened up a whole new world of chemical investigation. The Research Laboratories of the General Electric Company have been exploring this new world solely to find out the possibilities under a new series of conditions.

Yet there have followed practical results highly important to industry. The absence of oxidation, for instance, has enabled chemists to combine metals to form new alloys heretofore impossible. Indeed, the vacuum furnace has stimulated the study of metallurgical processes and has become indispensable to chemists responsible for production of metals in quantities.

And this is the result of scientific research.

Discover new facts, add to the sum total of human knowledge, and sooner or later, in many unexpected ways practical results will follow.

General Electric Company
General Office
Schenectady, N. Y.
95-4541HD

BALENTINE NOTES

Miss Eleanor Crowe of Saint Elizabeth's College, New Jersey, visited Elizabeth Pendleton last week.

Miss Florence Mitchell of Bangor, spent the week-end as Rachel Maling's guest.

Ruth Crockett underwent a slight operation during Christmas vacation.

Helen Reed '21, a teacher at M. C. I., called at the house last Wednesday.

Ruth Shepard, who has been ill all the vacation, is not yet sufficiently recovered to come back to college.

Beulah Duran was called home last week by the death of her aunt.

Rhandena Armstrong spent the week-end in Bangor where she played in the Symphony Concert.

Miss Estelle Baumann, of the New England Conservatory of Music, and Miss Grace Coombs from Mt. Vernon House, were guests of Marian Cluff at dinner Wednesday evening.

Eleanor Bragdon ex-'20 visited here last week.

Martha Sanborn is still ill at her home with the effects of an operation performed on her throat this vacation.

Deputation Team Praised By Springfield Pastor

(Extract from letter from the Pastor of a church at Springfield, Me. which was visited by a Deputation Team of two men from the Maine Christian Association, Dec. 29, 1921—Jan. 2, 1922.)

My Dear Mr. Clark:
The men surely made good. It is enough to say that everyone wants them to return in the spring. I have heard several young people say they would like to go to the University of Maine. So you may have a bunch of freshmen from Springfield to look after some day. You surely are doing a fine work. Keep it up.

Wishing you continued success in your work, I am

Yours sincerely,
R. F. Sergeant.

Attention! Maine Men!!

Boost your University Store, your Athletic Association, and solve your laundry problem at the same time. The store is our agent and all that you have to do is drop your laundry there properly marked with your name and we will do the rest. We can give you the much needed service and the quality of work desired.

Hamper will leave Orono, Tuesday morning, returning Friday, so leave your bundle early.

Bangor Steam Laundry Co.
Bangor, Maine



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METROPOLITAN business men have been buying their shoes of John Ward for these twenty-five years. Colleg men who are particular, are equally enthusiastic over the smart styling, unusual wear and moderate prices which distinguish every John Ward production.

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GEORGE E. WELDE
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Mid-Winter Hardships On The B. R. & E. Road

By W. J. Creamer

Who, after having spent an hour hurtling in zero weather over the frigid expanse of hills and valleys lying between Bangor and Orono, would ever suspect the Bangor Railway and Electric Company of being amenable to the laws regarding the flow of heat?

I pause for a reply.

Silence, absolute silence greets me. My audience is doubtless rendered speechless by the chilling thought of some personal experience closely analogous to an arctic expedition minus the eskimos. The calorie, with the B. R. & E., is a purely hypothetical entity. The company assumes its presence the same as we assume *cosine theta* or *log. x*, and with exactly the same nonchalance. It probably connects the calorie with dietetics, and feels that if it pays the motorman and conductor a living wage, that fact will keep the cars of the Rocking Horse Branch warm in perpetuity, *a priori*, in toto, bon soir.

As I was about to say, the trolley cars on the Rocking Horse Branch are cold in the winter time. I was asking a freshman the other day why he didn't take an hour or two off and go to Bangor to get a shave; and he said he would rather the Sophs would cut a hole in the marble roof of the Stillwater for him rather than even think of making the trip.

Do you know I often think the efforts of the arctic and anti-arctic—or is it antarctic?—explorers are misplaced? Just think what a perfectly wonderful trip Macmillan could have on the Rock-

I got on the car the other day when the temperature was ten below zero outside and fifteen below inside. I saw an official of the company seated up front and I went along and sat down beside him. He had on a fur coat and the collar was turned up around his neck. He looked as though he might be warm in spite of the fact that the frost on the windows was a quarter of an inch thick.

"Ah, but this seems good to get in where it is warm," I exclaimed.

He didn't speak.

"This is the first time I have been really warm today," I chanced.

No reply.

I began to get nervous. For all I knew he might be a frozen corpse. I had no desire to start conversation with a dweller in the higher realm, but I hazarded another word.

"I say, how does the company manage to keep the car so warm? Is it due to the individual contributions of the inhabitants or to the friction of the wheels?"

He suddenly came to life. He rose.

"Damned if I know. Pardon me; next stop mine."

He got out and I thought how lucky he was, and wondered whether he was offended.

And now, Friends, as the politician says in his peroration, I myself have been a witness many times to the sufferings of the common peepul. I have stood with them upon the seats in last endeavor to save my feet from the grip of the frosty demon. I have watched with untold pity the weeping of fair maidens undergoing terrible torture. I have seen their tears flow down the aisles and freeze in one long lane

Maine Man Who Was Killed While in Service

The aftermath of war has claimed another University of Maine man as its victim. This time it is Lieut. Clarence M. Cutler, ex-16, who was killed in an aeroplane accident at Coblenz, Germany on January 28, 1921. Altho Lieut. Cutler was here only one year, he made a very good record, and it is with much regret that those who knew him learn of his death.

Out of respect for his memory, the citizens of Medford, Mass., which was his home town, recently voted to name the town square for him, and it has been dedicated as the "Clarence M. Cutler Square."

Lieutenant Cutler enlisted in the National Guard, Co. M., 6th Infantry at Framingham, Mass., in May, 1917. In November, 1917, he was transferred to the U. S. Air Service and was sent to

the U. S. School of Military Aeronautics at the Mass. Inst. of Technology. In January 1918, he was transferred to Princeton University to continue his studies. On finishing there he was sent to Camp Dix, Dallas, Tex., February 5, 1918, as a flying cadet. In April, 1918, he was sent to Belleville, Ill., where he learned to fly. On June 22, 1918, he graduated as a Second Lieutenant, A. S. A., R. M. A.

From Scott Field he was sent to Eberts Field, Lonoke, Ark., as an instructor. There he barely missed death in a falling plane, escaping with a fractured jaw. On February 5, 1919, he received his Instructor's Wings, signifying 200 or more hours of instructing. From February 8, 1919 until August 1920, he was stationed at various flying fields in Texas, where he engaged in Liberty Loan work and in photographing and mapping the country. On August 10, 1920, he was ordered to Mitchell Field, Long Island, N. Y., and

on August 23, 1920, he was ordered to Coblenz, Germany, where he remained until his fatal accident on January 28, 1921. His body was shipped to his home in Medford where it was buried with military honors by American Legion Post No. 110.

Miss Cooney Speaker At Home Economics Club

The third meeting of the Home Economics Club was held December 13th at North Hall. At the business meeting, Marjorie Rowe was selected as Sophomore member of the social committee. Ardelle Cooney spoke of the part taken by the Post Santa Claus, the Salvation Army and the Red Cross in Xmas work. Refreshments consisting of punch and fancy crackers were served. Among the attractions was a Christmas tree on which was a gift for each member of the Club present.



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And remember this! Camels come in one size package only—20 cigarettes—just the right size to make the greatest saving in production and packing. This saving goes straight into Camel Quality. That's one reason why you can get Camel Quality at so moderate a price.

Here's another. We put no useless frills on the Camel package. No "extra wrappers!" Nothing just for show!

Such things do not improve the smoke any more than premiums or coupons. And their added cost must go onto the price or come out of the quality.

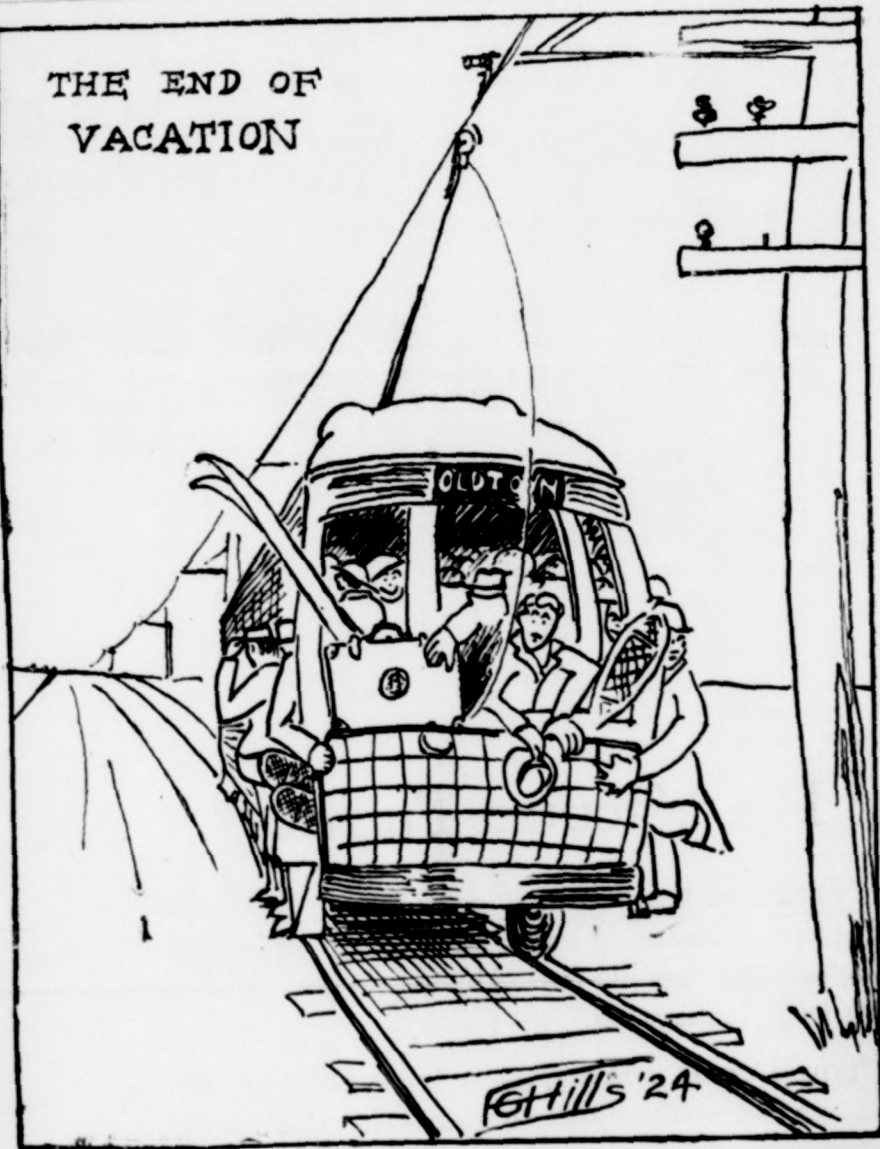
One thing—and one only—is responsible for Camels great and growing popularity—

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R. J. REYNOLDS TOBACCO CO., Winston-Salem, N. C.

THE END OF VACATION



ing Horse Branch! He wouldn't have to worry about ice-fields, for the trolley is always on the rock; he wouldn't have to wear any heavier clothes than he does in the northern latitudes; and his provisions would be sure to hold out unless he "lost the block" at Mount Hope. Of course, he couldn't discover a North Pole here; but he might discover the absolute zero, which scientists have long struggled to obtain. And the expense—why surely it would not be much greater on the Rocking Horse Branch; for there's only one robber on each car, although he does ply his trade continuously.

Did you ever notice the motorman on a cold day after arriving at a switch ahead of time? What does he do? He comes off his perch and into the car, ostensibly to get warm. I wonder how much extra he is paid for that bit of acting. By his manner one would think he had just entered a comfortable boiler room. But he can't deceive me. I'm a scientist; and I know that one calorie is the heat required to raise the temperature of one gram of water from 15 to 16 degrees centigrade—all the Physics books say so; and I know there aren't calories enough in a B. R. & E. Rocking Horse in mid-winter to raise the temperature of one billigram one millionth of a degree. The only thing the infinitesimal heat raises is one's temper.

of ice, over which with cat-like tread the grim conductor made his way, flourishing the monkey-box in front of his victims, and uttering that doleful, never-ending wail of "Fares, Fares, Fares."

How long, O Public Utilities Commission, shall this endure?

The Distribution of Farm Products

(Continued from Page Three)

To do cost accounting work requires more than merely a knowledge of book-keeping. It requires a thorough knowledge of cost accounting and burden distribution, as well as a thorough grasp of economic principles underlying all business. Furthermore, cost accounting requires a keen business judgment often called common sense, without which cost of production or cost of marketing figures and the analysis of them may be altogether misleading.

In a recent survey at the University of Kansas, it was found that the average expense of the average student there was \$827.29 annually. It was found that fifty percent of the students earned all the money they spent and seventeen per cent earned all of it while at school.

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Don't forget the Maine "Hello."

**The S. A. E. Frat. Has
Formal Christmas Party**

Alpha Chapter of Sigma Alpha Epsilon held its formal house party at the chapter house on the Friday previous to the Christmas recess. Twenty couples were present. The house was elaborately decorated on the outside with colored lights and on the inside with colored lights, evergreen, and streamers. An order of twenty dances was enjoyed, the music being furnished by "Al" Johnson's orchestra. An interesting feature of the evening was the distribution of gifts from the Christmas tree by Santa Claus. The patronesses of the delightful affair were Mrs. Mary J. Parcher and Prof. and Mrs. L. J. Polard. The committee in charge were Henry C. Fenderson, Fred T. Jordan, Charles J. Shepherd, Carl W. Stevens, and Walter O. Wilson.

**Practice House Girls
To Give Annual Dance**

The Practice House girls will give a dance in the gym Saturday evening, January 14. This has almost become an annual affair as each year the girls devote their energies to making the house complete and this is one of the means by which they obtain finances to meet such needs.

The proceeds of this dance are to be used for buying a victrola for the house and it is hoped that everyone will attend.

Music will be furnished by one of the best orchestras on the campus and all the latest hits will be played. Admission 75 cents a couple. Tickets on sale at the College Store.

**Phi Eta Kappa Holds
Formal Dance Friday**

Phi Eta Kappa Fraternity held its biennial Faculty Reception and dance Friday evening. The house was very tastefully decorated with evergreen, tinsel, and colored lights. The Old Orchard Seven furnished music for an order of twenty dances, lasting until two o'clock. A feature of the evening was the novel favors—green leather handbags for the ladies, and folding picture frames for the men. The affair was chaperoned by Mrs. C. B. Weeks, Mr. and Mrs. H. C. Gerry, and Dean and Mrs. Merrill.

**Girls' Dramatic Club
Adopts Constitution**

A business meeting of the Girls' Dramatic Club was held Wednesday evening, January 4th at 1 Estabrook Hall. A large number were present and all showed great enthusiasm in the work. A constitution was presented by the chairman of the Constitution Committee. Phi Eta Kappa Fraternity held its it stood. The plan for future programs as presented by the Program Committee, was also accepted. These programs will consist of small plays, debates and readings. A committee was appointed, consisting of Miss Jorgenson, Miss Shorey and Miss Andrews, to choose an appropriate name for the club.

**The English Club Elects
Officers for New Year**

The English Club held a meeting after chapel Friday, Jan. 6 for the purpose of electing officers for the ensuing year and to act on proposed amendments to the constitution.

The amendments were drawn up by a special committee headed by Marion Bragg. After they were duly ratified, officers were elected for the coming year.

The following officers were chosen: President, Robert Cohen; Vice-president, and Treasurer, Doris Merrill; Secretary, A. E. Wilson. Dr. Ellis, Prof. Wheeler and Miss Kellogg were chosen as an executive committee.

Membership in the English Club is open to all students taking English and to the members of the faculty of the English Department.

The next meeting will be held on the second Wednesday of February. The place will be announced later.

Patronize Our Advertisers

PINE SPILLS

Don't forget the menagerie, ladies and gentlemen. Greatest display of animals ever exhibited on a college campus. All for the price of one semester's board and a few extras. Come on now; make room!

First cage on the right: The Social Lion. He eats starch, ladies! Starch! just think of it! Don't feed him dates, little girl, he'll overload his stomach. He's so vicious, gentlemen, he spoils three collars a day. Note the crease in his pants; he's all out of breath.

Next to the Lion, as the author said, comes the Nobody Mouse. Queer specimen. Rarely ever seen, friends. Round he goes, round he goes; but where he is nobody knows, not even himself. He won't bite you, Johnny; he only eats cheese.

In the next cage on the left we have the Co-ed Chicken. Very hardy specimen. Pass the blue glasses, Harry. Yes she still has a comb. Why does she wear her overshoes unbuttoned, did you ask? Why, because she's a flapper, sir. Finest breed in captivity. What do we feed her? Why, corn—corn balls; cream—chocolate creams—10 pounds a day,—ice cream; any kind of cream, gentlemen. She lives on the fat of the land, and when it comes to making cake, she's a good layer. Move on, you red headed goofer; she won't smoke your cigarettes.

In the glass cabinet, ladies and gentlemen, we have a few Professorial Fossils. Petrified bones, recovered from ancient ruins. Exhibit No. 1—Mummified Prof. of Mathematics recovered from the seventh city of Troy. Dead six thousand years. Identified by his long hair and colored chalk as Prof. Deewhy-deeks inventor of the envelope chemise.

Exhibit No. 2—Petrified Prof. of Physics, Prof. Leveralone, inventor of the crowbar. Discovered in Greece in recumbent position. Apparently died in sleep. Requiescat in pace.

Exhibit No. 3—Doctor of Sacrificiology. Mummy found in Peru. Priest of the Incas. He cut the heart out of 'em.

Exhibit No. 4—Petrified remains of Dr. Iambus. He taught Beowulf to yelp in measured lines, sister. Invented the semicolon. They eat and drink, are capable of locomotion, can wiggle their jaws and their ears; but they're all dead.

Greatest marvel of the 20th century, gentlemen,—the living dead, or the dead living. Be quiet, friends, don't disturb their slumbers.

Next cage on the right, the Beavers, sometimes called the Grinds. Chew the wood all day and all night. No wonder they can bark at the mummies. Very destructive of gas, oil, and electricity. Take a good look at the little animals that threaten to produce a shortage of artificial light. Notice their companions, the worms. Nine hands to 'em, friends, and a book in every hand. Hear 'em rustle the pages. They eat twelve volumes a day. They're not at all fussy about their diet, ladies. *Sir Walter Scott* or *The Origin of the Species* is all the same to them.

Large cage on the left, baby politicians. Note the partition. On one side we have the young elephant, captured in the wilds of Ohio. He tries to run away with the elections here. Causes all kinds of trouble. What do we feed him? Why Reservations, sir, reservations. Best rations we can get. He likes dough but he gets too stuck up with it. And on the other side we have the young donkey. He just wandered in, homeless, no doubt, long wandering but not lost friends. His step-father won the War, but he's in a bad way. We feed him on hopes, not hops. He's running for football manager soon now. Lot o' pep in that hind leg yet.

Last exhibit: the athletic tiger. Note the broad grin on his jowl. Trapped by the aid of a travelling crane with block and tackle in the Gridiron jungle just as he swallowed the last morsel of a Mr. Bates' mud guard. He's a man eater; and the ladies' idol; make way for the ladies there. Sit right down on the cushions and adore him; he's a rare specimen, very rare; well done on both sides but raw in the middle—that's where his tamer, Mr. Bowdoin ran his cleats over him. Listen to that growl! He looks right over your heads, friends, he's thinking of that tackle. He's studying space, did you say? No, child, you're wrong, he never studies; he's too backward for that. He's never in line; he's quarter or half or all the way back. But when it comes to ladies—ah, notice that pleased expression—he's a most lovable animal when off duty and out of the jungle. The men fall for him in the jungle; and the ladies fall for him on the dance floor; and to both he opens

his jaws, shows his wicked teeth, and growls: "Going Down O-ooow-oo! Going Down!"

This completes our menagerie, ladies and gentlemen. Right in under the big tent now. Maine show about to commence. Reserved seats only ten dollars. Step lively now and get your place for the Spring Semester Three ring Show—Artie, Aggie, & Tech's Greatest show on earth.

NOTICES

There will be a meeting of all *Campus* reporters and members of the *Campus* Board in No. 2 Alumni Thursday noon at one o'clock. The editors wish that all be present.

The installation of officers of the V. of F. W. will be held Thursday evening at 7 P. M., No. 11 Coburn Hall.

Men wanted for positions in the Men's Glee Club in the tenor section. Report Wednesday at 1:00 o'clock in Wingate Hall.

**Riffe Team Is Defeated
By John Hopkins Men**

The University of Maine Rifle Team was defeated in the match Friday evening, Jan. 6 with John Hopkins University, by a score of 489-464. Freshmen were not eligible to compete in this match, nor will they be able to compete in the coming match with Yale. Maine's score was as follows:

Steward	94
Whittier	94
Plummer	93
H. W. Holt	92
Leighton	91

Miss Colvin: Mr. Nicolls, tell about the illuminations of the Middle Ages.

Mr. N.: Do you mean the lighting systems?

'25—What is a co-ed?

'24—Oh, one of those girls to whom the upper classmen never raise their hats but to whom the freshmen must.

**In Architecture—**

WHEN you go after your first big commission, you'll need something more than a knowledge of stresses and strains, periods and piping. You'll need the atmosphere of success, and the air of knowing your way 'round. One evidence of this familiarity with the world's good things is the habit of preferring that citizen of the world—

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**Play Exciting Games in Intra-
mural Basketball**

(Continued from Page One)

Cohen c.....c Taylor
Silverman rg.....rg Malenaucka
Goldberg lg.....lg Norell
Goals: Small 7, Carter 5, N. Cohen 4,
Malenaucka 2, Norell 2. Fouls: N. Co-
hen 1, Carter 2.

The game between Phi Epsilon Pi
and Phi Kappa Sigma was played Sat-
urday afternoon. Phi Kappa Sigma
won 18-7.

The line-up:

PHI EPSILON PI **PHI KAPPA**
R. Cohen rf.....rf Brasseur
S. Rosenthal lf.....lf Eastman
P. Cohen c.....c Elliott
M. Silverman rg.....rg Ham
H. Cohen lg.....lg Stevens
Goals: Brasseur 3, Eastman 2, Cohen,
R. 1, Rosenthal 1. Fouls: Brasseur 8,
Cohen, R., Rosenthal, Cohen, P. 1 each.
Sigma Nu easily defeated Delta Tau
Delta Saturday P. M. by the score of
30-3.

The line-up:

SIGMA NU **DELTA TAU**
Jowett lf.....lf Healy
Lunge rf.....rf McKechnie
Bunten c.....c Blair
King lg.....lg Coburn
Johnson rg.....rg Ladd
Goals: Bunten 6, Lunge 2, Healy,
Jowett, King 1 each. Fouls: Jowett 10,
Healy 1.

Commons Council defeated Kappa
Sigma by only a small margin Satur-
day afternoon and the game was very
interesting. No one stood out above the
rest by individual play but fine team
work was exhibited on both sides. The
score was 13-11.

The line-up:

KAPPA SIGMA **COMMONS**
Randlette lg.....lg Silverman
Torsleff rf.....rf Leighton
Nevers c.....c Johnson
Porter rg.....rg Shea
Finley lg.....lg Gentile
Substitutions: Jordan for Torsleff,
Littlefield for Gentile. Goals: Porter,
Leighton 2 each, Silverman, Johnson,
Littlefield, Randlette, Nevers, 1 each.
Fouls: Leighton 3, Porter 2, Nevers 1.

**Mr. Danforth Lectures on Rail-
road Finances**

(Continued from Page One)

cient management, and fair return to
capital. The Agricultural "Bloc" in
Congress is in active opposition to this
bill, being determined to have relief on
shipment rates regardless of the welfare
of the railroads and forgetting that as
holders of stocks and assets they are
themselves partial owners of every
railroad system. They proposed the
"Transportation Act" of 1920 in pro-
posing to put the rate making powers
back in the hands of the State Utility
Commission, thereby placing the rail-
roads in a position where there would
be no fair return to capital.

The middle west being an agricultural
district, is actively opposed to the
"Transportation Act" and with the
south is working for the passage of a
new bill by which railroad rates will be
reduced.

Mr. Danforth closed his talk by mak-
ing the astounding but perfectly logical
statement that we own the railroads our-
selves even if we do pay fares for every
ride we take. Endowment funds have
assets invested in railroad obligations
and for every eleven thousand stock-
holders there are one billion dollar's
worth of railroad stocks. Then, reduced
to a smaller basis, every individual who
has \$100 in the bank, owns \$36 worth of
some railroad stocks and may call him-
self a railroad stock-holder.

**Major Kelley Gives Talk on
Finances**

(Continued from Page One)

\$635 as the average cost of a year's edu-
cation for one man.

"The Electrical Unit" by the Treas-
urer of Dartmouth presents the lighting
problem as a problem of keeping the
electric light bulbs from being "swiped"
rather than of furnishing power. Dart-
mouth furnishes its own power and
whereas we do not have the problem of
furnishing our own power we do have
the problem of keeping our bulbs where
they belong. This particular form of
petty larceny may become a menace to
any institution.

"Production and Distribution of Coal"
predicted a reduction of freight rates
from the mine which will allow a 50-50
shipment either by rail or by water. A
drop may be expected next April; but
with that drop one may also expect a
general strike in the mines.

**Basketball Team Wins First Game
of Season**

(Continued from Page One)

successful basketball season. Al John-
son furnished music for the dancing,
after the game.

The following is the line-up:

MAINE (26) **P. A. C. (22)**
Fayle lf.....lf Rowse
Holmes df 3.....df Foster 2
Turner c 4.....c Snow 6
Noyes c 1.....c Duffre
Newell lf 1.....lf Prince 2 (2)
Berg rb (8).....rb

In the second period Noyes went in
to Turner's place as center. Turner
went in as back for Newell and Newell
went forward for Fayle. The time was
two 20 minute periods.

MAINE FRESHMEN (24) **H. C. I. (18)**

Taylor rf.....rf Emery
Nealin lf 2 (1).....rb Carson
Tracy c 6 (5).....c Eastman 2 (1)
Powell, Eeverett for Nealin and Page
Shurburn rb 1.....lf Shaw 3 (2)
In the third period, Montgomery was
put in place of Taylor. And in the last
period, Trombley was substituted for
Powell lb.....lf Upton 2 (1)
for Shurburn.

The time was four 10-minute periods.
Referee was "Bob" Schenkle.

**Girls Play Their First
Games of the Season**

Thursday evening, Jan. 5, the girls
played their first basketball game of the
season. The juniors won over the soph-
omores 21-8; the freshmen over the
seniors 11-4. The games were played
in two periods, one twelve minute and
one ten minute period. The referee was
Margaret Mason and the scorer, Ardis
Lancey.

JUNIORS—SOPHOMORES

In the last half, Field was substituted
for Hodgdon and Bissonette for Denni-
son.

JUNIORS **SOPHOMORES**
Dennison rf 4 (1).....rf Tibbetts
Hodgdon lf (3) (3).....lf Pride 3 (2)
Ring c.....c Keyes
Hersey sc.....sc Reed
Bartlett rg.....rg Savage
Peabody lg.....lg Guppy
Field lf (1).....lf
Bissonette rf 1.....rf

SENIORS—FRESHMEN

In the last half Crockett was substi-
tuted for Lineken.

SENIORS **FRESHMEN**
Perkins rf (4).....rf Winslow 4 (1)
Chase lf.....lf Page 1
Bunker c.....c Brackett
Connor sc.....sc Clark
Norell lg.....lg Lineken
Bean rg.....rg Cluff
.....lg Crockett

**Theta Chi Holds Annual
Christmas House Party**

Theta Chi held its annual Christmas
House Party December sixteenth and
seventeenth. The party was formal the
first night and informal the second night.
The lighting effect was a very artistic
and picturesque one. The interior of
the house was decorated with red and
white crepe paper and evergreen in a
real Yuletide way. The chaperones
were Mrs. Hendrickson, Mrs. Smith,
and Mr. and Mrs. Davis of Bangor.

The formal party lasted from eight
in the evening until two in the morning.
The music consisted of a seven piece
orchestra.

Several couples stayed for the in-
formal party on Saturday night and sev-
eral stayed until Monday morning. The
party taken as a whole was considered
about as good as has been given in the
history of the chapter.

**Maine Alumnae to Have
Booth at Boston Bazaar**

On February 7th to 11th Radcliffe,
Wellesley, Simmons and Boston Uni-
versity will give a bazaar at Mechanics
Hall in Boston. The alumnae of the U.
of M. are to have a booth for the sale
of hand-made handkerchiefs. With the
proceeds from this booth, the alumnae
propose to start a loan fund for the pur-
pose of helping girls through college.
The campaign is for 1,000 hand-made
handkerchiefs before January 26, 1922.
Will the active girls meet their respon-
sibility and do their share? Finished
articles may be given to Julia Gilpatrick
at Balentine or Gladys Staples at Mt.
Vernon.

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Fri.—Charles Ray in
"SCRAP IRON"
News—Comedy

News—Comedy
Tues.—First National Special Attraction
"THE WOMAN IN HIS HOUSE"
News—Comedy

Sat.—Double Feature Bill—Frank Mayo
in "SHARK MASTER"
William Desmond in
"BROADWAY COWBOY"
Harold Lloyd Comedy

Monday—"ISOBEL"
A Canadian Northwest Story

Wed.—Catherine Calvert
"THE HEART OF MARYLAND"
News—Comedy

Thursday
Double Feature Bill

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Fri. Jan. 13—Special Feature
"GOOD WOMEN"
"King of the Circus"

Sat. Jan. 14—Rupert Hughes'
"DANGEROUS CURVE AHEAD"
Sunshine Comedy

Mon. Jan. 16—Betty Compson
"AT THE END OF THE WORLD"
2 Act Comedy

Tues. Jan. 17—Double Feature
Pauline Frederick
"STING OF THE LASH"
Eileen Percy—"WHATEVER SHE WANTS"
2 Reel Western

Wed. Jan. 18—Paul Powell
"DANGEROUS LIES"
Mutt and Jeff—Fox News

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