

Rushing Season Opens Next Term

Social Societies Begin Entertaining January 6

Probation Period To Last Ten Days
Rather Than Three Weeks As
Last Year

Members of the class of 1934 will have the comparatively dull and grinding existence of their first term on campus changed to a life of parties, dinners, and "bull sessions" lasting into the early hours of the morning, when the annual rushing season opens on the day after registration of the winter term.

Second term rushing was instituted in this university last year. It was changed from the old style of rushing in the first part of the fall term. This was to make a higher grade of scholarship among the freshmen and also among the fraternity and sorority men and women, because of the time spent away from the studies at the beginning of the college year. This was one of the reasons for so many freshmen flunking out during the fall term. Another argument used to start the winter term rushing was that during the first semester "quiet period" the members of the various fraternities and sororities could look over the prospective candidates for membership and be more decided as to whom of the freshmen they wished to rush.

At present there are fifteen fraternities and seven sororities on the campus. The rushing rules for this year for fraternities issued by Casque and Casket, the inter-fraternity governing body, are:

We, the undersigned, acting for our respective fraternities, do promise and agree not to invite before Tuesday, January 6, 1931, at 4.00 P. M., any student who has registered in the University for the first time after June 15, 1930, to join a fraternity.

The following rules will be observed:

1. Rushing shall be construed to mean any action, deed, or word by any member of any fraternity, active or inactive, the purpose of which or the result of which is to influence in any way any man to join any fraternity.

2. These rushing rules shall be construed to apply to any man registering on or after January 6, 1931.

3. No rushing of any description shall take place between the hours of 8.00 P. M. and 7.00 A. M., with the exception of Saturday nights and the occasion of the Freshman party.

(a) On the date of the occasion of the Freshman party, this rule shall be construed to mean from 7.00 A. M. of the day of the party to 7.00 A. M. of the following day; and on Saturday nights, extended rushing will be permissible from 8.00 P. M. to 7.00 A. M. of the following day.

(b) No fraternity shall hold more than one rushing party during the rushing season.

4. No fraternity shall sign up any man eligible for rushing more than two dates ahead except for the occasion of the Freshman party.

(a) A date shall be construed to mean the period of time between 7.00 A. M., and 2.00 P. M., or 2.00 P. M. and 8.00 P. M., except Saturday nights and the occasion of the Freshman party.

5. There shall be a meeting of Casque and Casket, Thursday, January 15, 1931, at 10.00 P. M., at which

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WINTER WEATHER STIMULATES INTEREST IN SNOW SPORTS

With the fall term athletic schedule in the past, New Hampshire sportsmen turn to winter and its activities. Just as there is a little bit of gypsy in us all, there is something of the romping boy and jolly girl still left in the heart of every collegian. The first snowfall of the season brings the vital spark to the fore. The first blanket of white that transforms every roof into an eager puff and converts a leafless tree into a thing of loveliness works its wonders in the heart of even the most serious minded and studious underclassman.

No man who was once a baseball player can see children in a snowball fight without feeling his fingers itch to aim an icy missile himself. And who can see a laughing group of rosy-cheeked girls on a toboggan without wishing to join the fun? Of course there are some who hug the radiator and hope the janitor has cleared the steps of snow, but to the average college man the play time of winter

makes its strongest appeal.

Play is the keynote of the winter sports world. Some have developed sports to a fine art. These are the ones who dip and swirl over the ice, cutting grapevines and scrolls with their skates, so that they are a delight to watch. Others take to skis and glide over a snowy slope as gracefully as a butterfly flits over a field of clover. Still others, and there are hundreds of them, take to the sport for the pure fun of it all and for the health it brings.

Lake Placid club in New York is the supreme winter playground of this country and here the New Hampshire winter sports team will meet the groups from various representative colleges of the east in competition for both the President Harding trophy and the Marshal Foch trophy from December 30 to January 1.

The Blue and White Snow Birds, under the leadership of Coach Paul C. Sweet, are striving to uphold the

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1932 Staff Rushes Work On Granite

Year Book More Advanced Than Previous Annuals

Advertisements Solicited Much Earlier Than Usual—Few Pictures Remain to be Taken—Class Ballot Cast—Contracts Awarded

Work on the 1932 Granite, junior yearbook, has progressed much more rapidly than work on Granites of the past few years, according to Malcolm Brannen, '32, business manager of the yearbook.

Editor Peterson has practically completed the dummy, due to the close cooperation of the entire staff. Advertisements have been solicited much earlier than usual, but few pictures remain to be taken, the votes for humorous offices have been cast, and contracts are being awarded.

All art work is being done by undergraduates. The response of the student body at large to the art contest is the only disappointing phase of the work to the staff. Entrants to the contest have not been forthcoming. Undergraduates who were prevented by other engagements from attending the meeting of the contestants last night are urged to communicate with George Abbe, '32, art editor, at the S. A. E. house. Worthwhile prizes and campus recognition are the rewards of work in this contest.

Tabulation of the returns on the humorous election is going forward; the results, however, are not to be made known until the publication of the yearbook. Many other unusual features are planned.

Group pictures of campus organizations will be taken by Frank F. Adams, of Portland, Me., early in the winter term.

A small number of juniors have not yet paid their Granite fees. It is expected that they will meet their obligations on registration day.

PLEDGING NOTICE

Omega Chapter of Alpha Gamma Rho takes pleasure in announcing the pledging of Edwin Chamberlain, '33, of Alton.

Durham Exceeds Red Cross Quota

Two Hundred Eighty-five Answer Annual Roll Call

Fraternities, Sororities, Dormitories, and Townspeople Contribute Generously to Fourteenth Drive by Durham Chapter of Relief Organization

The report of the local chapter of the American Red Cross shows the fourteenth annual roll-call for the Durham division to be 285. The local committee was asked by the national organization to secure one hundred members. However, the local workers secured nearly three times this number and received a good number of contributions in addition.

Those who had charge of the work in this community wish to thank the people of Durham who responded so generously and willingly to the appeal of the Red Cross, and especially these men and women who went from home to home and made it possible for the people to take out their memberships. The committee also wishes to express its appreciation to the members of the student body who contributed so well through their dormitories, fraternities, and sororities. It was the combined effort of the townspeople and student body which made the outstanding success of the local chapter possible.

For some years Durham has had the honor of leading all other towns of the state in per capita membership, and it seems likely that when the final records are compiled, this community will again hold its superior position at the head of the list.

It is a source of satisfaction to the representatives of the Durham chapter of the Red Cross to know that approximately one half of the money paid in for memberships here remains in the town and is to be used to relieve any distress that may come up and in aiding individual families in case of accidents or other types of emergency. This method of disposing of the funds has been followed here for many years and the committee is given satisfaction in knowing that the good work can be continued in the future.

EXTENSION STAFF TO MEET IN DURHAM DECEMBER 15 - 19

The annual extension conference will be held at the University, December 15th to 19th. The entire extension staff, which now numbers 53, including all county club agents and 4-H club agents, will assemble. One of the topics to be discussed will be "Improving Extension Meetings."

O'KANE FARM PURCHASED FOR AGGIE COLLEGE USE

The O'Kane farm, located about a mile west of the campus on the 4-A turnpike, has recently been purchased by the University for the use of the College of Agriculture. It is planned to improve this land through a drainage system and to utilize it for the production of hay and pasture crops for the dairy herd. The farm was formerly a part of the Albert DeMerriest homestead. It now comprises 108 acres.

Sororities Hold Annual Formal

Pan Hellenic to Sponsor Dance Tomorrow Evening

Novel Decorations Based on Byrd's Expedition to Little America Planned by Committee Under Direction of Professor E. Barton Hills

The annual Pan Hellenic formal will be held at 8 o'clock tomorrow evening in the University gymnasium. During the past years this inter-sorority ball has been one of the most successful social affairs that have ever been held on the campus. According to the plans outlined by the committees in charge, this year's affair will add another brilliant success to their credit.

A great deal of this success has been due to the novel plans drawn up by the decoration committees. This year the committee has harmonized its plans as near as possible upon a panoramic scene resembling Little America and its Antarctic surroundings. The "Kampus Kut-Ups," the popular orchestra which has been secured by the music committee, Pi Lambda Sigma, to furnish rhythm for the dance, will be surrounded by decorations which will make an effect as if they were sailing on the ship, "City of New York."

The chaperones will be surrounded by scenes of the "Land of the Midnight Sun." Thermometers registering 40 degrees below, icicles, blocks of ice, penguins, and other features made famous by Byrd's expedition will be included in the decorations in order to sustain this delusion.

The decorations committee responsible for this feature is composed of representatives from the Phi Mu, Chi Omega, and Alpha Xi Delta sororities with Professor E. Barton Hills of the English department as their advisor.

The refreshments will be served by a committee from the Kappa Delta and Theta Upsilon sororities. President and Mrs. Edward M. Lewis, Reverend and Mrs. Fred Bushmeyer, Mr. and Mrs. Paul Sweet, and Mrs. Elizabeth P. DeMeritt have been selected to act as chaperones. The dance order is arranged by Alpha Chi Omega. It is expected that many guests from other New England campuses will also be present to enjoy the last formal of the fall term.

DAVID L. WARK ELECTED OUTING CLUB PRESIDENT

At the Outing club meeting Monday night, in Murkland hall auditorium, the annual election of officers was held. David Wark, '32, was elected president; David Stafford, '32, vice-president; Dorothea Mowatt, '32, secretary; and Professor A. W. Johnson was re-elected treasurer.

Wark is a member of Lambda Chi Alpha social fraternity, the 1932 Sphinx, is on the varsity hockey squad, and is an officer in the R. O. T. C. Stafford, the new vice-president, is a member of the Theta Chi fraternity, is on the varsity basketball and baseball squads, and is on the junior class social committee. Miss Mowatt belongs to the Phi Mu sorority.

The retiring president, William Sterling, '31, was on the varsity football squad, is a member of the 1931 Sphinx, Casque and Casket, the Blue Key, this year's Student Council, and is president of the Alpha Tau Omega social fraternity.

DEPUTATION TEAMS VISIT SOMERSWORTH AND WILTON

An international deputation team from the University went to Somersworth Sunday evening. Ilda Kirkpatrick sang a Swiss song at the meeting there. Francis Robie told a story for the young people present, and Evelyn Huse gave a talk on Porto Rico. Miss Huse also sang in Spanish. A talk, "The Evolution of the Greek Home," was given by Vasilios Vasilios.

Another team from the University made a deputation trip to Wilton and Lyndeboro for the week-end. This team was composed of Wayne Ricker, Izola Proska, Louise Beede, and Thomas Day. The team had charge of a young people's social in Wilton on Saturday night. Thomas Day led in songs and games which were played at the party. The members of the team took part in the morning service at Wilton, Wilton Center, and South Lyndeboro. Sunday evening the team had full charge of the six o'clock service in Wilton at which Wayne Ricker gave the main address.

ALL - OPPONENTS TEAM PICKED BY NEW HAMPSHIRE REPORTER

By William E. Stearns

The month of December is again being ushered in with its traditional avalanche of football post-mortems, Christmas shopping, final exams, and all-America, all-sectional, all-state, and all-opponent elevens. Not to be outdone by the *New York Times* or the *Boston Post*, THE NEW HAMPSHIRE has selected an all-opponents eleven for 1930 based upon the quality of the performance against the Wildcats.

At end Blumenstock of Springfield and Ferreebe of Brown were outstanding. The former was exceptionally dangerous as a receiver of forward passes, while Ferreebe excelled on the defense. Both men gave the New Hampshire safety man plenty of trouble as they came charging down the field under punts, and both men were extremely proficient tacklers.

The choice of tackles was a bit more intricate and involved a split-hair decision between Truden of Boston University and Geesman of Springfield,

the former being awarded the honors by a slight margin. The other tackle berth goes to Captain Horne of Maine who, likewise, won all-Maine recognition for his splendid all-around work. Mackesey of Brown, who was given honorable mention by Bill Cunningham in choosing his all-America, played well all season but was not as outstanding against the Wildcats as the others mentioned.

The guards who stood out were Gillis of Brown and Davis of Maine. Unfortunately Gillis was injured in the memorable fray of November 22, but not until after he had given a very good account of himself. Down East in the Pine Tree State, Fat Davis proved to be a veritable Rock of Gibraltar, and much of the success of Maine's tricky delayed bucks and spinners, which were so effective against New Hampshire, was due to Mr. Davis.

Thompson of Springfield was the best of the pivotmen and, in spite of

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Cortez Chooses Debating Teams

Unemployment Insurance Topic Picked by Council

Intercollegiate Organization Adopts Oregon Plan of Speaking—Coach To Use New Men In Practice Debates Against Team of Veterans

Two men's debating teams have been chosen to represent the University in intercollegiate debating this season as a result of try-outs held Monday afternoon, according to Edmund A. Cortez, assistant professor in English and director of forensics. Excellent new material was found according to Prof. Cortez and six of the new candidates are to organize as team "B" to supplement team "A" which is composed of four veteran debaters. These new men include William Stearns, '33, Frederick Vintinner, '31, Robert Griffith, '33, and Joseph Schwartz, '32, with David Fessenden, '32 and Vasilios Vasilios, '31, as alternates. The four veterans which are to make up team "A" are J. Robert Ayers, '32, J. Raymond Sawyer, '31, Charles Walker, '31, and Edward Haseltine, '31.

In the try-outs Monday afternoon, each contestant was allowed to make one speech as though it was being presented in a debate. A board of three judges then made its selection of the best speakers and the teams chosen accordingly.

The topic selected by the intercollegiate debating council this year is on a subject of unemployment, and will be allied with the subject of compulsory insurance for the unemployed. The exact wording of the question is as yet not definitely decided.

There are several innovations in debating circles this year, the chief of which is the adoption of the so-called Oregon system of debate. Under this form the first speaker of the affirmative presents the argument as does the first speaker of the negative, who is the second speaker of the debate. Then the second speaker of the affirmative is allowed 12 minutes to question the first negative speaker on the points he has made and on the subject of the debate. The final speaker is the second speaker of the negative who in turn questions the first speaker of the affirmative.

It is expected that shortly another team will be added to the two already formed, so that in all there will be three teams. Candidates for the women's teams tried out for the positions on Tuesday afternoon and it is expected that in a short time the personnel of these teams will be completed. An attractive program for the debaters is being arranged by Charles M. Walker, president of Tau Kappa Alpha, the honorary debating society, and when arrangements have been completed with one more university the schedule for the season will be announced.

CLASSICAL CLUB STUDIES MODES OF ANCIENT LIFE

The first meeting of the Classical club was held recently in Murkland hall, the program being devoted to the study of the sources of our knowledge of ancient life. Officers for this year will be elected at the next meeting.

Dunworth Gives Mystery Program

Lyceum Course Features Entertainment of Magic

World Famous Sleight-of-hand Expert Mystifies Audience With Deceiving Feats—Marie Healy Next Feature of Program Series

Students and members of the faculty were present in large numbers to see and hear the mystifying performance of Frederick Dunworth, famous magician, which took place in the University gymnasium last night as the second on the Lyceum Course series for the year.

Rabbits and pigeons appeared as if from nowhere and wands and colored handkerchiefs disappeared and reappeared before scrutinizing eyes as the famous entertainer displayed his mystic talents before the ever watchful and suspecting eyes of his audience.

Backed by years of experiences and painstaking study, Mr. Dunworth arrived on the campus last evening and thoroughly demonstrated to the public that the hand is quicker than the eye. For a quarter of a century he has been mystifying students all over the country and it was through the untiring efforts of the committee in charge of the Lyceum Course that he appeared last night before a Durham audience.

For days to come, those who saw his performance will wonder and speculate over his deceiving actions and his "now you see it and now you don't" activities which made this second number of the best presented here in some time.

The next number scheduled for the year's series is a lecture by Carveth Wells entitled "My Six Years in the Malay Jungles." Wells has had an extremely interesting life. Starting his career as an engineer, and being of a naturally roving disposition, it is not strange that he sought a railroad engineering construction job in Great Britain's far-flung colonies. It was his thought to go to the Malay Peninsula for a year, but the World War broke out during his sojourn and he was forced to remain for six years.

There is no one quite like Carveth Wells. He has many imitators but no one has ever succeeded in duplicating his amazing style of presenting absolutely correct information in a laugh provoking manner. He is supreme in the field of humorous, yet authentic travel lectures. It used to be taken for granted that a scientific discourse was bound to be stodgy, and that a lecture on any subject whatever must inevitably be as dull as ditch water, but with his uncanny knack of making the truth sound like a lie, and with his whimsical touch that puts life into facts that might otherwise be dust-covered, Carveth Wells stimulates his hearers to research. His audiences turn to books of reference in order to check his statements, and they always find them fully substantiated. The lecture is supplemented by an excellent collection of motion pictures.

During his experiences around the world, Mr. Wells has become affiliated with many of the world's outstanding engineering organizations including the Royal Geographical society, the American Geographical society, the Institution of Civil Engineers, the Explorers, Circumnavigators, and the Adventurers Club.

Other numbers included in the remaining portion of the course include a musical program featuring Marie Healy, coloratura soprano of Manchester, and the combined University Glee Clubs, and as a closing program, a piano recital by the world famous pianist and composer, Percy Grainger. It is expected that Mr. Grainger will offer several of his own compositions for the approval of his audience, and that the University gymnasium will be filled to capacity for this outstanding program.

DELEGATES TO BE PRESENT AT RELIGIOUS CONFERENCE

A national faculty-student conference on religion is to be held in Detroit, Michigan, during the week immediately following Christmas. Outstanding campus students, faculty members, and college presidents representing universities and colleges throughout the United States will attend. President Edward M. Lewis, Miss Lura E. Aspinwall, and at least one student are expected to represent this university at the conference.

Soda Fountain

Light Lunches

COLLEGE PHARMACY

Join the Club

Victor Records

Hot Chocolates are in style again

The New Hampshire

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THE LAST WORD

The two major issues on this campus, fraternity politics and dates, will be joined by a third next week when final exams jump out of the future. For some it will be the first exam week, and for some others it will be the thirteenth.

The past few days have been marked by that well-known professional expression, "We will have an unannounced quiz next time." Perhaps the rule prohibiting teachers from giving announced quizzes during the week immediately preceding finals is a bit of humor on the part of the administration. Many freshmen have heaved a sigh of relief on seeing that rule on the exam schedule, but by now most of them have been relieved of any faith they may have had in it.

Past terms have shown that approximately four per cent. of the present student body will not return after vacation (except to get trunks), but this is only for the good of the University, as shown by the example of Hampden-Sidney, leading college in *Who's Who*, which has on its record a great quantity of ex's, but only a few graduates.

Some will take finals too seriously, and worry about them, which is a form of mental labor productive of no good. But then they should not be regarded too lightly; witness the case of the fellow here some time ago who forgot about an exam and went to the movies instead, but did not go to the cinema in Durham at all the next term.

With the country suffering from unemployment, we hope that the students and professors will cooperate between now and the time grades are handed in, so that the bread lines will not be crowded any more during the coming winter months.

Casque and Casket, the mutual blackmail society—if you tell, I'll tell, can come out of the shadows next term and command some slight measure of respect. Rushing will come out of the shadows at the same time.

By this time those boys who have been jumping every time the telephone rang should have given up hope of donning a stiff shirt tomorrow night.

CAVORTING MARX BROTHERS PLAY IN DURHAM TOMORROW

A "rubber check" really bounces during one scene of "Animal Crackers," the Four Marx Brothers' comedy, which has been recorded as their second Paramount talking feature, and which bows in at the Franklin Theatre tomorrow. Harpo Marx, who has delighted audiences all over the country with his stage and screen sleight-of-hand tricks, is able with the use of an invisible thread to make a "not-sufficient funds" check bounce about the stage in a truly remarkable manner and finally fly back into the hands of the man who wrote it. While executing this complicated trick with one hand Harpo manages to filch two neckties and a gold watch from fellow players with the other.

Twelve co-eds and twelve youths from the University of California were recently delayed four hours from classes when a yacht, owned by one of the group, was hindered by heavy fogs from arriving in port after a week-end cruise.



by Enzo Serafini

Now that the Reading club is dying, another honorary has come into existence. See Oeday or Onday for admission to Tri Gorman Pi.

You have to be born with a "natural" on your crib or an ability to cut aces over kings though or you won't make the grade.

A rather good Mil. Art ball we thought.

Although we cannot understand why orchestras habitually fail to play the scheduled number of dances.

If necessary they might make each dance a bit shorter—but at any rate get them all in.

Becoming cheerful, do YOU expect to be back next term? Statistics show that at least forty of our brave band of scholars will be elsewhere.

There's such a thing as hitting your finals though. Who was it that said, "If you won't be beaten you can't be beaten."

The Dartmouth football squad ate dinner in Hollywood with a movie star beside each man. We wonder how many bids to Carnival were proffered.

Now how many were accepted?

Too bad Rudy wasn't there.

With the completion of the construction on Main street, do you realize that steam-heated sidewalks will be an actuality?

A word to the freshmen. When you return (if you do) next term, fraternity rushing will have commenced. Keep your head.

It is as much your duty to look over the fraternities as it is their desire to look you over.

There is nothing more tragic than a man who has pledged the wrong fraternity. A definite part of his college education is a nonentity.

Look at the type of men in the various houses. Decide which group is the one that you are; that you want to be, and you will have gone a long way toward your ultimate decision.

Don't believe everything that you hear. Enthusiastic fraternity men may say more than they really know or mean in their zeal of pushing you. Look for yourself; decide for yourself.

Now that they've found Garrett, maybe someone will find that drop and add card we filed at the beginning of the term.

"Jick" writes and wants to know why the Paramount scouts never visit Durham.

That's too easy.

Pan Hellenic tomorrow night. And the men are at the mercy of the gods.

Or should we have said goddesses?

There'll be a "gawd" in it some place if you get one of those prize exchanges.

MAJOR BARNES TO ADDRESS COAST ARTILLERY CORPS

Major G. M. Barnes of the U. S. Army ordnance department, Watertown arsenal, will lecture to students of the University of New Hampshire Coast Artillery Corps Saturday evening, Major Hugo E. Pitz of the military department here announced yesterday. The lecture will be accompanied by moving picture films and lantern slides with special emphasis on anti-aircraft combat. A dinner will precede the meeting.

The lecture will be on anti-aircraft methods and firing conducted at recent tests at Aberdeen arsenal, Md. About 33 Reserve Officers Training Corps students will attend as well as special guests of the military staff at the University.

Eight varsity students at the Canadian university were late to a physics class because they decided to carry an Austin car in with them. Their load was transported easily enough but several professors intervened causing the delay.

FROM OUR MAIL BOX

Editor, THE NEW HAMPSHIRE:

While attending classes at the University of New Hampshire, (as rarely as possible), I have time and time again been brought back to the days of my childhood by the sight of the adolescent scrawlings which bedeck the arms of the classroom chairs, just as back in "prep school" we found names, numerals, and telephone numbers inscribed during the period of daily siesta. However, these "collegiate scribbles" differ in one essential from those we made in grammar school, as they seem to embody various figures which bear a close resemblance to certain Grecian letters. Ah Oswald, you are correct, they are letters of the Greek alphabet. These figures are grouped in combinations, which we learn from Philo Vance, are symbolic of certain fraternal organizations said to exist upon the campus. How refreshing such a delightful practice may be, just like our own cute capers back in the "little red schoolhouse" when we used to carve upon our desks "Bill Jones, B. S. A., Troop 3, Wolf Patrol," or "Skinney Smith, Sunday School Boys' Club, M. E. church, Centerville, New Hampshire."

For the most part we have learned the alphabet and outgrown the dunce cap; might it not be wise to add this adolescent practice to our list of inhibitions? After all it's not lending prestige to the brothers to have their name splashed promiscuously about the campus in this fashion, in fact, we have noted that the most obscure organization is the one which always manages to write its emblem in the most prominent places. It would perhaps be good policy for the High Beta of the Beta chapter of Beta Beta Beta to gather the brothers together in the chapter room and inform them that this free advertising is most unbecoming the traditions of the ancient and honorable fraternal brotherhood of Beta Beta Beta. This, of course, would eventually lead to a "scribbling assessment" which would put aside to pay for the new house on Madbury road.

And now I wish to thank my three readers (my roommate, the girlfriend, and the Editor) for their kind, though bored indulgence.

DR. RAMBLE J. DANGLE.

PHI KAPPA PHI SPONSORS ADDRESS BY DR. WILSON

Doctor George Arthur Wilson, holder of the Bowne chair of philosophy at Boston university, will be the guest and speaker at the Phi Kappa Phi initiation and banquet to be held tomorrow evening at the Commons building.

The initiation of the 19 students who were bid to the society this term will be held in the Commons organization room at five-thirty. The ceremony will be followed by the banquet which will be held in the President's dining room at six o'clock.

At seven o'clock Doctor Wilson will speak. His subject will be *Philosophy; The Way Out*. Doctor Wilson was at Syracuse university previous to this year.

The banquet will be open to wives and husbands of Phi Kappa Phi members, and the speech is open to any person who is interested. An attempt has been made to have the meeting arranged so that there will time left for attending other events which are scheduled for the same evening.

A request has been made by the committee in charge of the affair that members be prompt so that this may be done.

Well, orry vorry, and may the holiday be a merry one.

The freshman football squad must feel pretty chesty about being mistaken for the varsity aggregation by the engraver of one of our prominent competitors. Did you notice how inconspicuous the coaches made themselves by donning the same uniforms as the members of the team?

ALUMNI NEWS

The following letter was recently sent out by the secretary of the Connecticut branch of the Alumni Association to the fellow alumni of that club:

"New Hampshire 7—Brown 0. Doesn't that score arouse the old New Hampshire spirit in you and make you want to join with other New Hampshire enthusiasts in some good old songs and cheers? Of course it does! And here is your opportunity. New Hampshire alumni living in Connecticut will head for Hartford on December 6 to attend that long awaited reunion. Will you be among them? Well, let me tell you what you will miss if you fail to be there.

"If a vote were taken of graduates, old and recent, for the choice of speaker from Durham, I think that Dean Pettie's name would win. And the Dean is coming loaded down with memories covering many years of the history of our Alma Mater. He will bring lantern slides to show us how, from a very small beginning, a rapidly growing university has developed. The Dean has visited other alumni meetings and we are told that his reminiscences and pictures are a real treat for New Hampshire graduates.

"Through the courtesy of Mr. Stone, '92, we are extended the privilege of attending the regular Saturday night City club dance with a good orchestra. A brand new indoor golf course in the City club will be available. And best of all there will be the chance to visit with your friends from New Hampshire.

"The City club is at the corner of Allyn and Trumbull streets, with an entrance just around the corner, and an elevator to take you up. The date is December 6 at 6.30 P. M., and the price is \$2.00. Relatives and friends are invited. I hope to see you there. Sincerely, J. A. Manter."

'28—Louis Engel and "Rollie" Smith, ex '28, toured the northern part of the United States extensively during the month of September. Arriving in Southern California, Engel resumed his position with the Dictaphone Sales Corporation in their Los Angeles branch. Smith is representing Brandtjen and Kluge, a St. Paul printing press equipment concern, in the states of Arizona, Utah, and California. Their address is Campbell apartment hotel, 971 Wilshire Boulevard, Los Angeles, California.

'26—John E. Donovan is with the American Potash and Chemical company, Trona, California.

ex'27—Burnell Bryant is with the H. M. Byllesby and company, Union Trust building, Pittsburg, Pennsylvania.

ex'27—Carl H. Brackett is foreman of the Newmarket Manufacturing company, Newmarket, New Hampshire.

ex'30—Henri L. Girard is studying medicine at Georgetown university.

ex'30—Leonard Hinkley is salesman for the Herbert Hinkley, Inc., Charlotte, North Carolina.

ex'29—Wade Wheeler is floor clerk for the Carlisle Mellick company, South Broadway, New York City. His address is 6052 Madison street, Brooklyn, New York.

'26—Melville "Bunny" Taylor has left the Universal Credit company, the concern with which he was connected for over two years, and has taken the Ford agency in Marblehead, Mass. He is doing business as the Marblehead Motor Co., 116 Pleasant street, Marblehead, and hopes to hear from some New Hampshire alumni.

'30—Ethel Peabody has accepted a position in the Hyannis normal school at Hyannis, Massachusetts.

INTER-RELIGIOUS FORUM PLANNED FOR NEXT TERM

An inter-religious committee composed of Protestants, Catholics, and Jews are planning a series of forums on different religious faiths similar to those held last year. These forums are scheduled for Sunday evenings during the winter term. An attempt will be made to get questions from the students in advance and to base the addresses and forum period on these questions. Last year the speakers at the forums were Rabbi Fellman of Hartford, Doctor Joshi, of Harvard, Doctor Douglas Horton of Boston, and Father Ahern, well-known radio speaker.

CONTEST HELD FOR AERONAUTIC AWARDS

W. E. Boeing Presents Four Scholarships for Special Study in the Line of Aviation at the Boeing School of Aeronautics

Four scholarships for special study in the line of aviation at the Boeing School of Aeronautics, located at Oakland, California, are being offered to students of any credited university by W. E. Boeing, chairman of the Board of United Aircraft and Transport Corporation, according to a bulletin recently received by Registrar Henderson.

These scholarships, whose total value is \$7,190, include a \$5,375 master pilot course of 204 hours of flying and 924 hours of ground school, a private pilot ground and flying course, a master pilot ground course, and a master mechanic course.

Any undergraduate student, including those of the class of 1931, who will complete one or more years of university study by July 15, 1931, is eligible to compete for any one of the scholarships provided he has a scholastic standing classifying him in the upper third of his class during his enrollment. Each candidate will be required to write an essay not exceeding 2,000 words on any one of the following subjects: Trends of Development in Air Transportation, Progress of Safety in Aviation, Trend of Airport Design and Development, Radio as an Aid to Aviation, or the Importance of Proper Co-ordination of Federal and State Laws Governing Air Transportation. Further information, including dates when the essay must be in, may be had by communicating with the Dean of Boeing School of Aeronautics, Oakland airport, Oakland, California. Awards will be made by a national committee of prominent educators with Dr. Baldwin M. Woods of the University of California as chairman.

Mr. Boeing, who is the donor of these scholarships, is the founder of the Boeing aeronautical enterprises, including the Chicago-Oakland-San Francisco and Seattle-San Diego air mail, express and passenger routes, and the Boeing Airplane company, manufacturers of military and commercial planes.

The Boeing School of Aeronautics is one of the largest aviation schools in the United States and its instruction exceeds the requirements of the Department of Commerce. It occupies modern steel and concrete buildings at the Oakland airport, hub of transcontinental and coastwise air transport operations. Flying equipment ranges from training planes to three-ton transports.

needed for over two years, and has taken the Ford agency in Marblehead, Mass. He is doing business as the Marblehead Motor Co., 116 Pleasant street, Marblehead, and hopes to hear from some New Hampshire alumni.

'30—Ethel Peabody has accepted a position in the Hyannis normal school at Hyannis, Massachusetts.

CAMPUS CALENDAR

Today

Mrs. Pott's dancing class, men's gym, 8 P. M.
W. A. A. supper meeting, Commons, 6:45 P. M.
Kappa Delta benefit bridge, Phi Mu house, 8:00 P. M.
Y. M. C. A. meeting, organization rooms, 7:30 P. M.

Friday

Pan-Hellenic dance, men's gym, 8:00 P. M.
Philosophy, the Way Out by Dr. Wilson, Commons, 7:00 P. M.

Saturday

Alpha Chi Omega house dance, 7:30 P. M.
Alpha Xi Delta house dance, 8:00 P. M.
Pi Lambda Sigma dance, organization rooms, 8:00 P. M.

Monday to Friday

FINAL EXAMINATIONS.

INTERCOLLEGIATES

Christopher Morley, well-known American author and critic, will be among the faculty of Haverford College during the 1930-1931 term. He is known for his novels such as *Parnassus on Wheels*, *The Eighth Sin*, and his critical essays. Mr. Morley for the past few years has been reviving old melodrama at the Rialto theatre in Hoboken.

Students at Cambridge University have found a way to make Sunday church going an interesting and exciting pastime. Every Sunday morning a group of interested students organize a sweepstakes with the twelve local pastors as the "race horses." Bets are placed as to the probable length of their speeches and the pastor with the longest speech is the winning "horse."

The same problems still confront the university, and the students at Lehigh University are not much different from what they were in the early 1900's, according to statistics compiled from the files of the Brown and White, campus publication of that institution. The old files are filled with editorials for more school spirit, more dormitories, and more money, just as in the more up-to-date issues.

DURHAM'S SMARTEST RESTAURANT

THE COLLEGE INN

Dinner and Supper Music by
CHET HOWE AND HIS COLLEGE INN BAND



—for the **Pause** that refreshes

When you suffer from large and undiluted doses of your fellows. When the milk of human kindness seems to sour. Blow the whistle for a minute's "time out" on your own account, to pause and refresh yourself.

In other words, go into a huddle with a glass or bottle of refreshing, delicious Coca-Cola. It will make you captain of your soul again, ready to live—or die—for the dear old alma mater.

The Coca-Cola Company, Atlanta, Ga.

- DROP IN -

A REAL CUP OF COFFEE

— and —

DELICIOUS SANDWICHES

— at —

THE WILDCAT

Complete line of Christmas Cards

SHOP EARLY

HOCKEY CANDIDATES CALLED OUT MONDAY

Seventeen Games Scheduled for 1930-31—Five Veterans Already Report for Pre-Season Training Period

Coach Ernest Christensen issued the first call for varsity hockey candidates Monday. The season's schedule, comprising seventeen games, is one of the most difficult ever attempted by a University of New Hampshire hockey team. Coach Christensen plans to jump over that obstacle by having last year's varsity squad reinforced by numerous possibilities that can be drawn from the previous season's freshman team. Many of New Hampshire's opponents have started practicing on artificial ice. This factor offers another problem from Coach Christensen.

West Point, Princeton, Brown, Boston university, and the University of Pennsylvania are the most powerful teams for the season. If the Brown Bears carry the scars of their recent battle, an exciting hockey game will be seen when they play here at the Winter carnival.

Last season's players who reported are: Harry Croke, George Callum, Howard Hanley, William Parkinson, and William Woodridge. From last year's freshman ranks are: Harvey Roberge, George Abbe, Linwood Congdon, Lloyd Wells, John Savage, and Warren Burns.

ALUMNI REGISTER APPEARS WITH SEVERAL ADDITIONS

The alumni register of the University of New Hampshire, the third University bulletin for this year, has just been issued as this paper goes to press. This new edition contains valuable information relative to the trustees and officers of the university, alumni association, and a list of the names and addresses of all the New Hampshire graduates from 1871 to July 1, 1930.

In addition there is a compilation of data concerning the presidents of the old college at Hanover and those of the University at Durham down to the present time. There is also a list of the honorary degrees bestowed by the University upon noteworthy men.

The bulletin is divided into four sections: a class list, including the degrees obtained by each member, his home town and his present address or place of business; the lost and deceased list; the alphabetical list; and the geographical list.

W. C. O'KANE LAUDED BY FLORIDA PEOPLE

New Hampshire Professor Completes "Greatest Feat in History of Insect Warfare" by Eradicating Fruit-Fly from Southern State

A flood of complimentary letters from the United States secretary of agriculture, the governor of Florida and other leading citizens and officials of that state, and from scientists in many sections of the country have followed the return of Prof. W. C. O'Kane, entomologist, of the agricultural experiment station at this university. Professor O'Kane spent the last ten months in Florida in charge of the federal fruit-fly eradication campaign, now successfully concluded and termed "the greatest feat in the history of insect warfare."

Few believed that the Mediterranean fruit pest could actually be eradicated when the work began eighteen months ago. The federal quarantine was lifted from every section of Florida on November 15, however, following the expenditure of only approximately \$6,000,000. The value of a single crop of Florida citrus fruits amounts to about \$60,000,000.

Upon leaving Florida, Professor O'Kane was presented with a gold watch by the shipper members of the Citrus Growers' Exchange. Members of his staff made him a special gift consisting of a block cast from aluminum pistons of truck engines, topped with a plate of brass cast from spray pump valves. The names of the staff were inscribed on this plate.

FORMAL DINNER INITIATED BY THETA CHI FRATERNITY

Social culture took a forward step at the University of New Hampshire last Friday evening when the Theta Chi fraternity held a formal dinner in the chapter house as a prelude to the Mil. Art ball held at the University gymnasium.

The affair is considered to be the first of its kind to have been held in a New Hampshire fraternity house and its success is expected to result in its becoming a more or less regular event at the various houses on campus.

Besides the Theta Chi house-mother, Mrs. Gertrude Smith, and Mr. and Mrs. John S. Elliot, chaperones, the guests included many co-eds and several imports.

American Electrical Engineers Witness Electron "Flea Circus"

Epsilon Sigma Phi To Initiate Four

Extension Fraternity Has Fourteen Members

Daniel A. O'Brien, James Purington, George L. Waugh, and Harry C. Woodworth to Be Received into National Honorary Society

Having rounded out ten years in the service, four more members of the state extension staff are eligible this year for membership in Epsilon Sigma Phi, national honorary extension fraternity, according to Miss Ann F. Beggs, secretary of the New Hampshire chapter.

The membership in the organization will then total fourteen with the initiation during the annual conference held during the week of December 15 of Daniel A. O'Brien and James Purington, agricultural agents in Coos and Rockingham counties, respectively, and of George L. Waugh, dairyman, and Harry C. Woodworth, economist, of the state office. National membership in the fraternity totals approximately 1,000.

Daisy Deane Williamson, state home demonstration leader, and C. B. Wadleigh, state club leader, were admitted to the New Hampshire chapter last year. The charter members are as follows: J. C. Kendall, director of the state extension service; Mary L. Sanborn, assistant club leader; H. N. Wells, Sullivan county agent; E. P. Robinson, county agent leader; W. Ross Wilson, Grafton county agent; Ann F. Beggs, home management specialist; H. B. Stevens, executive secretary; and Ford S. Prince, agronomist.

Mr. Woodworth, one of the four latest candidates for membership, joined the staff in April, 1921, as farm-management demonstrator, following four years as a "dirt" farmer in Minnesota. Previous to this, he was graduated from the University of Illinois, spent four years with one of the larger high schools in Minnesota, served two years as county agent in Douglas county, Minnesota, and obtained his master's degree from Cornell. He has since taken additional special work at Harvard university.

Before he came to New Hampshire in May, 1920, George L. Waugh received a year's practical experience in cow-testing work in Mercer county, New Jersey. Immediately after graduating from Rhode Island State college, Mr. Waugh was with the United States department of agriculture in vegetable-gardening extension work.

County Agent Purington graduated from the University of New Hampshire in 1916. He entered the war, subsequently experiencing the exciting adventure of going across on a boat that was torpedoed. He became club agent in Cheshire county following the war. In 1922 he was transferred to Rockingham county as agricultural agent.

Mr. O'Brien has served as county agent of Coos county throughout the last decade. His job began July, 1920, following his graduation from Cornell university.

PRESIDENT J. A. COUSENS SPEAKS AT CONVOCATION

President John Albert Cousens of Tufts college was the principal speaker on the last regular weekly convocation exercises for the fall term. He arrived here about noon yesterday and was the guest of President Edward M. Lewis while here. The rush of business caused him to leave for Medford almost directly after the exercises in the University gymnasium. Dr. Cousens is the distinguished member of many of the leading so-

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Dover-Durham Line
Week Days, leave Dover, 7:25, 7:35, 8:30, 10:20, 11:30 A. M.; 12:50, 2:00, 3:30, 4:30, 6:00, 9:45 P. M.
Leave Durham, 7:00, 8:00, 9:00, 11:05 A. M.; 12:00 M.; 1:15, 3:00, 4:00, 5:00, 6:50, 10:10 P. M.
Sundays, leave Dover, 8:30 A. M.; 12:30, 4:00, 6:00, 9:45 P. M.
Leave Durham, 9:00 A. M.; 1:00, 4:30, 6:50, 10:10 P. M.

Durham-Manchester—Students' Special
Saturdays only, leave Durham R. R. Station 1:15 P. M. for Manchester.
Sundays only, leave Manchester R. R. Station, 9:00 P. M. for Durham.

Special Party Coaches
We have up-to-date DeLuxe Model coaches for special party work at all times at very reasonable rates.

Railway or highway—Ride the B. & M. Way
R. E. RAMSDELL, Supt.
Phone Portsmouth, N. H., 33.

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Lumber and Coal Dealer
Durham and Dover
I. Guy Smart, Mgr.
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The lantern slide showed only a tiny spot from the second flash. The plate was then reproduced on a movie screen for comparison. This performance, Chubb explained, was to show electrical engineering had perfected an instrument which could render lightning powerless and thus prevent total paralysis of public utility power during a storm.

The tiny "electric eye" was then put through its paces as a bloodhound in search of fire. An apparatus resembling a searchlight with a fire extinguisher attached beneath the light sensitive tube began scanning back and forth across a large screen. Automatically it scanned every inch of the surface. Chubb began to light tiny fires on the screen and as the "electric eye" spotted them it stopped for a second and turned on the fire extinguisher. The fire out, the apparatus resumed its methodical search for more fire.

The stroboglow light completed the demonstration. Two synchronized globes were turned on the blur of an electric fan revolving 1800 revolutions per minute. The whirling blades seemed to be brought to a standstill under the flickering light and the watchers clearly saw each blade as if they were standing still.

Throughout this remarkable exhibition the tiny electron had not been seen by the audience and possibly was forgotten in the wizardry of electricity's latest invention. However, in closing Mr. Chubb again reminded his guests that the tiny electron had been responsible for all this scientific phenomena and thus rang down the curtain on the oddest "flea circus" in the records of showmanship.

O. H. Caldwell, editor of *Electronics* and formerly federal radio commissioner, spoke to members of the American Institute of Electrical Engineers on the electron tube, which is a new tool for the electrical engineer. Mr. Caldwell outlined this new development and told that this result of fundamental research and development work is something every engineer should be thoroughly familiar with. He gave a bird's-eye view what has now become a commonplace application in the use of these tubes, including, radio broadcasting and reception of entertainment, the control of trains, lighting, navigation, measurements, power transmission, and many other applications too numerous to mention. In other words, there is nothing the average man can see, hear, or buy but what it will be controlled, regulated, or affected in some important respect by the electron tube.

The exhibition included Rastus Robot, the closest development to human perfection in mechanical men; a miniature lightning producer; and the stroboglow, a synchronized light which enables the human eye to read lettering on apparatus rotating at more than 1500 revolutions per minute.

Chubb climaxed his demonstration with two amusing acts in which he and Rastus Robot, the mechanical man, were the performers. First, Chubb gave a modern demonstration how William Tell shot an apple off his son's head with a bow and arrow. The genial Rastus stood calmly while the apple was placed. Then Chubb took up a dangerous looking bow and pulled the string. Instead of an arrow whizzing from the bow there was just a flash of light and the apple was knocked cleanly from Rastus' head. The dummy sat down suddenly and uttered a very human and startled cry.

The secret of this demonstration lay in a photocell flashlight hidden in the arrow and a light-sensitive tube, so sensitive that it reacted from the flash and set electrical apparatus into operation which exploded the apple.

Then Rastus showed how he had mastered conversation and human action. Chubb took up a photo-cell flashlight with several push-buttons. He asked several questions at random of the dummy on current events and about those present. By pressing a button in the photo-cell light Rastus affably answered his questions in a rich, baritone voice. The interlocutor pressed a combination of buttons and Rastus not only talked but arose alertly from his chair and then sat down. He proved a much more talented and handsome fellow than his predecessors in the mechanical race of men.

The demonstration opened with a remarkable display of engineering's control over the devastating power of lightning. While the audience sat a few feet away Chubb pressed a switch and 250,000 volts in the form of lightning leaped from a small generator and zigzagged across the insulators on a miniature power transmission tower. The bolt automatically reproduced itself on a lantern in the form of a blotch about the size of a quarter. The entire action took but five millionths of a second.

A long cylinder was then hooked on the power line and again the lightning shot to the wires only to be consumed and grounded harmlessly by the cylinder—a lightning arrester.

cieties and associations of America and did not fail to bring an inspiring thought for his message to the student body.

INSECTICIDE EXPERIMENTS MADE BY FACULTY MEMBERS

Physics has joined forces with chemistry in the warfare against insects. Recent investigations at the University of New Hampshire's agricultural experiment station have succeeded in connecting the potency of contact spray materials with such physical properties as surface tension, surface activity and wetting ability. Apple aphids were found to die more readily as the surface tension of the liquid sprays increased; and minute photographs of insect tracheae and the angles of contact of varying insecticides seem to indicate a direct relation.

The experiments explain the value of soap in solution with such materials as nicotine, and may open up a field for improvement in the manufacture of insecticides. The studies have been made by W. C. O'Kane, W. A. Westgate, L. C. Glover, and P. A. Lowry, and are reported in technical bulletin 39 of the New Hampshire station.

Among the insects studied thus far in the investigation are mosquitoes, house flies, three species of aphids, cabbage worms, and meal worms.

WINTER WEATHER STIMULATES INTEREST IN SNOW SPORTS (Continued from Page 1)

record set by previous winter sports teams who have several times captured the Harding trophy, which is awarded to the team scoring the highest number of points during the entire meet. The loss of Ernest O. Pederson, stellar ski jumper, who captured the Marshal Foch trophy three times during his collegiate career, will be felt by the squad. At present no member of the team seems to be able to take the place left vacant by Michelson, Weston, and Pederson. Other important men from last year who will be missed this season number among them Charles Woodward, cross-country skier; Arthur Burns, speedskater; and Dwight Perley, distance ski runner. Burns was one of the quartet who finished in the four man tie for first place in many of the skating races which New Hampshire entered last year. The other three members, Gene and Harry Mailman, and Malcolm Chase, will enter for competition this year.

Besides the Lake Placid meet, which takes place during the Christmas vacation, New Hampshire also enters several other competitions including the one at Dartmouth, the New Hampshire carnival, and the Intercollegiate Sports Union meet held at Murray Bay, Canada, at the conclusion of the season.

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THE PEN THAT WON'T RUN DRY DURING LECTURES
CHILTON PEN
CARRIES DOUBLE THE INK



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6-ton reels of cable distributed with the speed of perishable food

A carload of telephone poles laid down a thousand miles away within 36 hours after getting the order! Rush calls of this sort must frequently be handled by Western Electric, distributors for the Bell System.

But even more remarkable is the regular day by day flow of telephone supplies. The Chicago warehouse—one of 32 in the national system—

fills 100,000 orders a day. In 1929 more than \$400,000,000 worth of equipment and materials was delivered to the telephone companies.

Distribution on so vast a scale presents many interesting problems to Bell System men. The solutions they work out mean much in keeping this industry in step with the times.

The opportunity is there!

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For Home and Fraternity House
Prompt, responsible service by the oldest furniture house in Dover.

Window shades made to order
E. Morrill Furniture Co.
60 Third Street, Tel. 70
Opposite R. R. Crossing

With a sincere if nonchalant apology to Murad

LE MOMENT DE TRIOMPHE
(The Triumphant Moment)

When your dancing partner remarquez (pronounced remarks) you are so light dans mes pieds (on my feet) calmez vous (remain unperturbed) be nonchalant, a young man can do no wrong in a Braeburn Prom Tux.



And now that the social season is upon us we are prepared to sell you a new Tux—rent you one—supply all the accessories.

The College Shop
BRAD MCINTIRE

**ALL-OPONENTS
TEAM PICKED BY NEW
HAMPSHIRE REPORTER**
(Continued from Page 1)

the weather on a certain gloomy afternoon, his passes were so accurate that Springfield fumbles were scarcer than speakeasies in the Sahara. Tuss McLaughry possessed a pair of capable centers in Tillinghast and McDonough.

In the backfield White of Springfield, a heady field general, and the type of broken field runner who time and again brings the stands to their feet by his sensational running back of punts, was a bit superior to Gurill of Brown. Winant of Vermont played well considering the nature of the support he received.

The outstanding halfbacks were Owl of Springfield and Captain "Link" Fogarty of Brown. The Cherokee brave was one of the best triple threats seen in action all year and if he has any weakness he manages to keep it very well concealed. To Fogarty goes the honor of leading our mythical eleven; an honor won by his fine sportsmanship and brilliant playing in three years of varsity football.

Here's hoping the best for exams!

Here's wishing you the merriest Christmas and happiest of New Years!

Here's reminding you of the place to get quality food. You'll be welcome here now and next term.

The University Dining Hall

CHRISTMAS IDEAS

May we suggest that your friend would like a Christmas gift of a Chilton fountain pen, a University song book, a Hendrikx monogram pipe, seal jewelry, or stationery.

Don't forget to enjoy a Merry Christmas and a Happy New Year.

THE UNIVERSITY BOOKSTORE

FACULTY MEMBERS SPEAK AT CONCORD

Professors of College of Agriculture Represent University at State Horticulture Exposition Today and Tomorrow

Several members of the extension service and of the faculty of the College of Agriculture have been secured as speakers for the annual exposition of the New Hampshire horticultural society, which is being held in Concord, today and tomorrow. Professor G. F. Potter of the department of horticulture speaks on "The Methods I Am Using in My Own Orchard." Professor W. C. O'Kane speaks on "New Hampshire Spraying Results Are Still Negative." These two addresses are in connection with the fruit program scheduled for today.

On the program for home-makers and amateur gardeners, to be held tomorrow, will appear Professor James Macfarlane, who will speak on "The How and Why of House Plants." Ann F. Beggs, Home Management Specialist of the extension service, will talk on "Making the Home Comfortable." "Hardy Shrubs for Home Planting" will be the subject of Professor J. R. Hepler of the department of horticulture.

In connection with the annual meetings and show of the New Hampshire horticultural society, a special potato meeting was held today for New Hampshire potato growers. E. W. Holden, county agent of the extension service for Merrimack county, spoke on "Why Potato Yields Have Increased." "What We Have Learned from the 300-Bushel Club" was the subject of Ford S. Prince, associate agronomist of the experiment station. E. H. Rinear, marketing specialist, talked on "Grading and Marketing."

LeCain of Tufts is the final selection, nosing out Rotelli of Brown, and Simonson and Ruscoe of Springfield. He was a dependable ground-gainer on the offensive and steady defensive player.

Other outstanding backs were Hootstein of Boston university, Plumb and Brown of Springfield, Allard of Lowell Textile, French of Conn. Aggies, and Harris and Gilbane of Brown.

RUSHING SEASON OPENS NEXT TERM

(Continued from Page 1)

time the names of the students shall be presented.

6. Notices shall be mailed January 16, 1931, at 8.00 A. M., and no communication shall be had with the students who have registered for the first time on or since January 15, 1931, at 4.00 P. M., until bids have been signed.

(a) Rushing season shall terminate when written decisions have been deposited with Casque and Casket.

7. Casque and Casket shall send uniformly written notes to each man

Foreign Nations Demand Apples from New Hampshire Orchards

New Neon Marker Protects Airmen

Novel Light Located at Pittsburgh University

Marker Placed On Top of Forty Story Building Warns Night Flyers of Towering Obstructions—Invented by Westinghouse Employee

A neon obstruction marker has been mounted forty stories above the street on top of the Cathedral of Learning, new building of the University of Pittsburgh at Pittsburgh, Pennsylvania. This marker, designed by R. E. Marbury of the Westinghouse Electric and Manufacturing company, resembles a spread umbrella with six V-shaped neon tubes sloping downward from the center.

The covering above the tubes consists of a cone-shaped hood to which a wire screen is attached. This screen protects the tubes from hail, snow and other antics of the weather which are liable to cause damage.

The U-tubes are connected in series. If for any reason one should burn out, an automatic cut out removes it from the circuit. The marker remains lighted as long as there is one serviceable tube remaining. The possibility of more than one tube getting out of order at one time, however, is far remote.

It has been placed atop the Cathedral temporarily to demonstrate the protection it affords tall, unlighted obstructions at night from low flying airplanes. Its distinction ball of red light, about three feet in diameter, is visible for a distance of five miles.

It is an effective and inexpensive means of protecting tall chimneys, towers, monuments, broadcasting antennae, transmission towers, and bridges—as well as tall, unlighted buildings—from danger of collision at night by low flying aircraft which do not know that these obstructions exist or may have become confused as to their location.

Two types have been designed—one to operate from ordinary house current; the other, directly from high-voltage transmission lines. This is the first practical obstruction marker which can be lighted directly from high-voltage lines. This is accomplished by means of a recently developed suspension type high-voltage capacitor.

whose name has been presented, stating that he has been bid by one or more fraternities.

8. The student bid will present himself to Casque and Casket at 5.00 P. M. Friday, January 16, 1931, at a place designated, prepared to give an answer to the formal bids which are to be presented at that time.

9. The student's answer shall be written on a form card and deposited in a sealed box before 8.00 P. M. Friday, January 16, 1931.

10. The signing of the pledge card binds a man to join that fraternity which he designates on the card, and by this he shall never be eligible to join any other fraternity represented in Casque and Casket.

11. No students shall be allowed to leave the room until all the answers have been deposited. Only men who have received bids and members of Casque and Casket will be allowed in the room.

12. Furthermore, we promise and agree to allow no student registered for the first time on or after Tuesday, September 16, 1930, to room or board in our fraternity houses before he is pledged.

13. A printed copy of these rules shall be given to each new student on Registration Day.

14. Lastly, we agree hereby to abide by these rules in spirit as well as letter.

Resolved, that Casque and Casket go on record as recommending to the fraternities that during the rushing season every possible consideration be given to the scholastic standing of the men being rushed, and members of the various fraternities, in order that the rushing season may not interfere with the scholastic standard of this University.

Penalties to be imposed for breaking any of the above rules shall be:

1. No picture in year book.
2. No representation in intramural athletics for the rest of the year.
3. Name published in THE NEW HAMPSHIRE for two consecutive issues.
4. Students eligible to receive a bid caught breaking rules will not be allowed to be pledged until second year.
5. The fraternity shall be expelled from scholarship cup competition.

Outside of the fact that non-agriculturists know that apples make applesauce, they know little, if anything, about the fruit. Do you know that it requires from seven to ten years before a tree will bear? That they must be regularly and carefully cultivated? That they must be protected from mice, by the use of wire guards? That they must be pruned whenever necessary? That they must be sprayed with lead arsenic or sulphide of calcium? And that, only after such scrupulous care which lasts during the life of the tree, can a grower expect to raise apples in quantity and in quality?

Let us not go into the many elementary details of production. Let us, however, review the apple condition in New Hampshire in the current year. And, a no better section could be chosen than Durham.

In the town of Durham there are about six thousand apple trees. One-third of this total is contributed by the University orchards. The rest are divided among five or six individual owners. It must be remembered, however, that all of the trees are not yet bearing. When the time does come for them to produce, then this year's record of 10,000 packed bushels will be forgotten. An average of six bushels of apples per tree can be expected.

Everybody likes to see a strange industry working. If you care to add another line to your list of experiences, visit the apple packing plant that is located in the rear of the shops.

Let us go there and see the operations. At the head of the apple grader is a worker whose duty is to supply the machine. The fruit is moved to six eight-foot poles that turn over each apple, so that those who are grading may inspect it carefully. The perfect and imperfect apple is placed on its respective roller, which carries it to the bin.

There are three classifications for the apples. Fruit making the first grade must have more than one-third red surface, and only minor defects are allowed. Each apple is individually wrapped as the "University Blue Seal Brand." This quality always commands a high market price, especially in Boston. The second grade is apparently similar to the first class. The only difference is that the apples have healed-over blemishes. Fruit that grades for third class is meant for immediate consumption. They are literally thrown into a box and shipped to Boston.

From the bins the apples are packed into boxes and barrels. They are immediately shipped, or they are placed in reefers that maintain a steady temperature of 30 to 32 degrees. At this temperature, apples can be kept in good condition for at least one year.

You may have noticed that the old barrel is being replaced as a means of packing apples. And you may have seen the advent of the new Western box. Packers say that the barrels are too clumsy compared to the ease with which one may handle the new case. The University of New Hampshire packing department has practically given up the old style method of packing; it has taken the popular Western box.

The total apple crop in the United States is very low this year. Many sections have fallen down considerably in their productions. The state of New Hampshire, however, enjoyed one of its best seasons. Apple producers in Durham expressed their pleasure in having a record crop. Recently Professor Potter, head of the University apple department, received a telegram from a Chicago wholesaler who wanted immediately three carloads of New Hampshire apples. He commended on the quality of the state's fruit, which factor is well recognized throughout the United States.

Not only is the United States' crop poor, but the European production is far below normal. Two carloads of New Hampshire apples, graded and packed by the University of New Hampshire, have been sent to Europe. One shipment went to Amsterdam, Holland and the other to Hamburg, Germany. It is peculiar that Europe insists upon small size apples. This, of course, is a contrast to the United States' demand for large fruit. No explanation can be offered why there is such distinctions. The same problem is faced when one asks why Boston demands brown eggs, and Chicago white eggs. When it comes to such differences, the apple producer does not care; he caters only to whatever the market wants.

When you visit Germany, Holland, or even Boston, and you crave for an apple, look for the box that is stamped, "Packed by the University of New Hampshire." You will be surprised to discover that apples never tasted so good.

COREY FORD WRITES OF AQUATIC HOCKEY

Early Trials of the Sport and First Attempts to Freeze Rinks Described in January "College Humor"

"The outstanding difference between ice hockey as we played it at Dartmouth back in 1867 and your modern hockey," writes Corey Ford, "The Grand Old Man of Hockey," in the January *College Humor*, "is that in our days we never had ice. As a result, due to the weight of our skates, most of the game was necessarily played under water. To be sure, this method of playing hockey had its disadvantages, such as drowning, but on the other hand there were several distinct advantages of our method over the modern version. In the first place, the fact that the water was not frozen made it a great deal warmer and consequently we did not have to wear so many thicknesses of long woolen underwear under our hockey uniforms, thus speeding up the game considerably. In addition, the soft surface of the water saved us many a nasty bump on the forehead when tripping over an extended hockey stick. Chills in my day were virtually unheard of.

"The idea of freezing the water in the rink first occurred in 1849. Up to that time the majority of the games naturally took place on the bottom of the rink, but spectators began to complain that it was almost impossible to follow the finer points of the contest. Various experiments were tried in an attempt to freeze ice, including artificial refrigeration (cooling the water by pouring it into a saucer), building all hockey rinks hereafter in some cold country like Baffin Land (a method which was later abandoned owing to the difficulty of transporting audiences to watch the games), or tossing in lumps of ice until the water in the pool reached a point where it would freeze itself. The rink at Dartmouth was frozen in this manner and was the first all-ice rink in America."

INITIATION NOTICE

Mu chapter of Alpha Chi Sigma, professional chemistry society, announces the initiation of Ronald J. Lloyd, '31, Merchant L. Cushing, '31, Arthur S. Graham, '32, Everett H. Lang, '32, and the pledging of Henry Davis, '31, and Gilman Crowell, '32.

MASK AND DAGGER CHOOSSES NEXT PLAY

Professor William G. Hennessy Selects "The Queen's Husband" By Robert E. Sherwood For Winter Term Production

The Queen's Husband by Robert E. Sherwood has been chosen as the winter term production of Mask and Dagger, according to Professor William G. Hennessy, director of dramatics. Tryouts for the play will probably be held on registration day of next term.

The play will be presented in Durham during the latter part of February or the first of March. It is very likely that the play will also be presented in other places in the state, as is the custom with the winter term plays. Definite arrangements have not been made as yet, however.

Robert E. Sherwood is also the author of *The Road to Rome* in which Jane Cowl was starred a short time ago. It is a modern comedy, the action of which takes place in a mythical kingdom. It is entirely a play of the imagination.

This play furnishes a good opportunity for the development of new Mask and Dagger actors, according to Professor Hennessy, due to the fact that there is an abundance of parts for men.

INITIATION NOTICE

Beta Gamma of Phi Mu wishes to announce the initiation of Dorothy Williams, '33, of Dover, N. H., and Louise Haskell, '33, of Swampscott, Mass.

COWELL ADDRESSES N. H. CLUB MEETING

New Hampshire Fast Outgrowing Small College Competition, According to Director of Athletics at Annual Banquet

New Hampshire is fast outgrowing the small college class in athletics and will, in the not far distant future, compete with the larger institutions in this part of the country was the opinion voiced by director of athletics, William H. Cowell at the annual N. H. club banquet held in the Commons Monday evening. Director Cowell outlined the plans for next year to the members of the varsity and freshmen squads who were gathered for the banquet and he said that prospects are favorable for another good team which will allow the Wildcats to cope favorably with the difficult schedule outlined for them. He also presented reminiscences of past New Hampshire teams in completing his remarks.

President Edward M. Lewis, once a famous college athlete and noted baseball player, praised the teams for their exhibitions of clean sportsmanship, a type of sportsmanship which is prevalent at New Hampshire at the present time. He also complimented the varsity squad on its gridiron victory over Brown in the last game of the season. Other speakers included co-captains Herbert Hagstrom and Kenneth Clapp, as well as several of the senior members of the squad. At the close of the program motion pictures of the games with Connecticut Aggies and Brown were shown.

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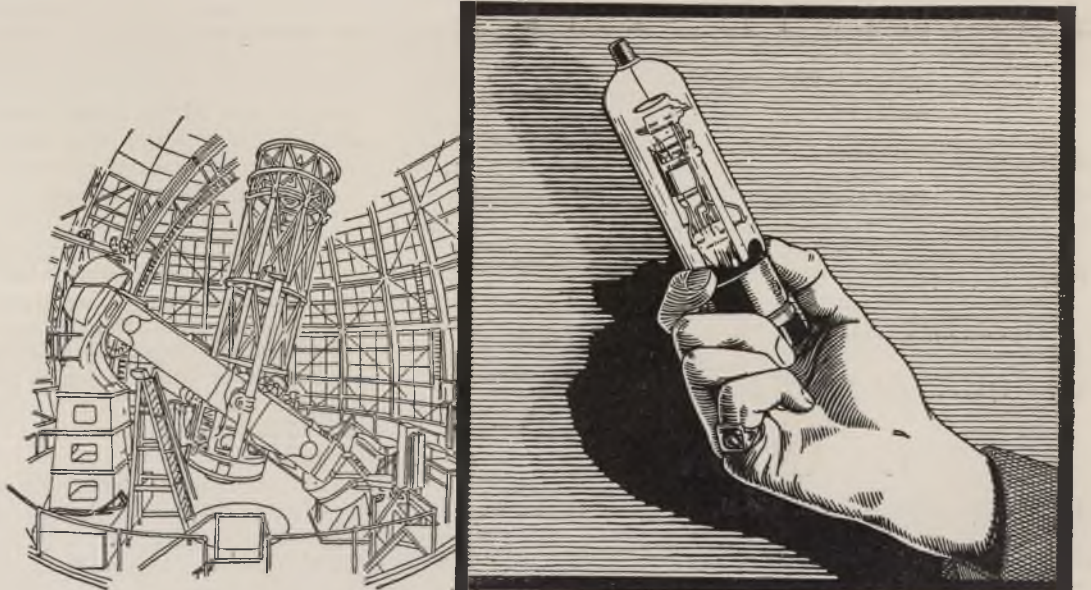
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