

STAR OF "LUCKEE GIRL" WILL GRACE FRESHMAN DANCE

Doris Vinton, Leading Lady of New Musical Comedy to be Guest of Honor

TICKETS IN MAIN LOBBY

Leo Reisman's Orchestra to Play at First Social Affair of Class of '32

Friday evening marks the official entrance of the Class of '32 into the social life of Technology. The Freshman Dance is to be held in the Princess Room of Hotel Somerset. It promises even to rival the Junior Prom, Technology's main social event, in not only having Leo Reisman's Orchestra furnish the dance music but also in having its own prom girl. Miss Doris Vinton, popular star of "Luckee Girl," the new musical comedy, just opened at the Shubert Apollo Theater, will be present as the guest of honor.

Miss Vinton will make her appearance after the performance escorted by a member of the Dance Committee. Effort is being made to persuade the star to entertain with a few numbers from the show. The show is an adaptation from the French with music by the composer of "My Man," which should make any selections Miss Vinton chooses to give well worth hearing—and seeing.

The offer previously made by the Dance Committee to provide feminine accompaniment still holds. Application, however, should be made at once as the supply is not inexhaustible, despite the new sources which have been discovered.

Tickets are on sale in the Main Lobby and can also be procured from members of the Dance Committee. The number is to be limited and freshmen are advised not to wait until the last minute since they may be disappointed.

Telephone Cable Manufacture Is To Be Discussed

Messrs. Shea and Hart Will Lead Electrical Engineer's Colloquium

"Manufacturing Problems Arising in the Production of Telephone Cable," is the subject of a colloquium to be presented through the courtesy of the American Telephone and Telegraph Company in Room 10-275, on Monday and Tuesday, April 8 and 9. The discussion will be held from three to five o'clock and will be conducted by Mr. J. R. Shea and Mr. C. D. Hart of the Kearny Works of the Western Electric Company.

Members of the instructing staff, graduate and senior students, and the Junior Honor Group who are interested in the subject are invited to attend. On account of the manner in which the topic will be presented, it is expected that those who attend will be present at both sessions. A syllabus for this colloquium will be posted on the Electrical Engineering department bulletin boards.

Messrs. Shea and Hart will discuss the developments in cable design during the past twenty-five years and will illustrate the problems which each succeeding change in design has caused. The enormous growth of the Telephone Company system and the increasing use of telephone cable both in local and toll plants, has paved the way for intensive improvement in the cable manufacturing methods. This colloquium will deal with the types of problems which have had to be solved in order that the manufacturing company might produce the enormous quantity of cable required by the present day installation needs. Many of the problems to be spoken of have applications to fields other than cable manufacture and thus may prove to be of interest to a larger group.

Lucky Dozen Enjoy Infirmary Comforts

The following men are at present in the infirmary.
Robert T. Armstrong '30
Edward E. Buritt, Jr. '32
Curtis D. Cummings '32
George W. Falk '32
Gilbert Hathaway '32
Paul H. Kimberlin '30
Alexis B. Kononoff '29
Theodore M. Litchgarn '32
Gerry E. Morse '30
Robert W. Reynolds '30
Eric Sparre '32
Clarence W. Stacey '32

Smoker Will Be Held Tonight By Chemical Society

Dr. Cadwell of the U. S. Rubber Company Speaks to Students on "Rubber"

Dr. S. M. Cadwell of the United States Rubber Company will address the members of the M. I. T. Chemical Society at their smoker tonight in North Hall, Walker at 7:30. Dr. Cadwell's topic will be on "Rubber." The speaker is making a special trip from Passaic, New Jersey to give this lecture, under the auspices of the U. S. Rubber Company. This company presented the exhibit of Rubber products now on display in Building 2 near the Chemical Engineering Headquarters.

As usual there will be a book raffled off, and this time "Inorganic Chemistry" by F. S. Kipping and W. H. Perkins will be given away. Refreshments will be served.

The Society will visit the Merrimack (Continued on Page 4)

Yearbook Signups Must Be Redeemed Before Saturday

Techniques Will be Given Out in Walker Memorial Basement on Open House Day

About two hundred and fifty Technique signups have been redeemed to date in the annual yearbook redemption campaign. This represents about one fourth of the total number of signups. The desk will be maintained in the Main Lobby till the end of the week, after which time the signups will no longer be valid.

Autographed by Stratton

Those holding signups can redeem them for three dollars and get a ticket entitling the bearer to a yearbook which will be given out Open House Day. Names in gold on the front cover are popular this year, about thirty percent of the students paying the extra fifty cents for this feature. There are still a few books which may be obtained for five dollars.

The Techniques will be given out immediately after the Rush on Open House Day April 27, at the check room in the basement of Walker Memorial.

The supermen who manage to win paddles in the Rush will get their copies from members of the new managing board of the yearbook. The new board will be announced just before the fight begins. This year all the copies of the book to be offered as prizes will be autographed by President Stratton, but only the first five will be given away, the remaining may be obtained by presenting a regular signup slip.

Dog Sleeps With Frosh in Mathematics Class

Unnoticed by Mr. Raymond D. Douglass a German police dog followed the example of the rest of the students and fell asleep in the back of a class in M12. About the middle of the hour the hound was awakened and coaxed to go up to the front of the room. He stood before the class admiring the speed at which the instructor was integrating logarithmic functions. He grew so disgusted that he moistened the floor since he was being instructed in "natural functions," and then resumed a dormant position until the class was dismissed.

Committee Plan Varied Exhibits For Open House

Guests Will be Entertained by Play Given by "Show" and Dramashop

Plans for Open House April 27, are well under way with all committees appointed and meetings being held almost every day by one or another of the groups. The Publicity Committee, under the chairmanship of Professor John B. Babcock, are having the posters printed and the invitations are all ready to be sent out. The Department Representatives are busy arranging the special exhibit that they will have charge of and several features have been arranged.

These representatives realizing that the students have many good ideas for exhibits want them to understand that they should communicate suggestions to any person connected with (Continued on Page 4)

ADVISORY COUNCIL MAKES 69 AWARDS IN WINTER SPORTS

Swimming Record in Relay and 200 Yard Breast Stroke Are Accepted

20 STRAIGHT T'S GIVEN

Provisional Recognition Given Lacrosse Team But Not Squash Team

At a lengthy meeting of the Advisory Council on Athletics held at the Engineers' Club last night, more than 60 athletic awards were made. In addition, two Institute records were accepted and one was rejected. Provisional recognition was given to the lacrosse team, while recognition of the squash team was withheld on a technicality. The 400 yard relay record made by Edward H. Mackay '31 was approved and accepted, as was also the 200 yard breast stroke record of Emmanuel I. Birnbaum '30. The 150 yard back stroke record made by Lawrence D. Luey '29 was not allowed, inasmuch as the previous record had been lowered only one-tenth of a second.

The petition of the lacrosse team for recognition was submitted to the Advisory Council before being approved by the Executive Council of the M. I. T. A. A., and in the usual course of events recognition would be withheld until such review was made. However in view of the fact that several games have been scheduled for the lacrosse team in the near future, it was voted to grant provisional recognition to this sport, pending action by the Executive Council.

A somewhat similar situation existed in the case of the squash team, which also petitioned for recognition, inasmuch as the application had not been reviewed by the Executive Council. However, as no games were scheduled in the very near future, it was voted to withhold the recognition of the Advisory Council until the case shall have been approved by the Executive Council of the M. I. T. A. A.

It was stated that individual cups would be given to those who made new records in swimming events, while medals of uniform design would be given relay contestants.

The awards granted last night are as follows:

Gym Team

Straight "T" granted to Wesley J. Reynolds '29, Almer F. Moore '29, Harold W. Fairchild '29, Norman H. Dolloff '29, David Q. Wells '30, and Butler K. Couper '29.

Awards of "gTt" were made to Butler K. Couper '29, Norman H. Doll-off '29, Frank C. Fahnestock '30, Harold W. Fairchild '29, Stewart R. Knapp '31, Almer F. Moore '29, (Continued on Page 4)

TO DISCUSS GLIDERS AT A. E. S. SMOKER

Moving Pictures of Air Races Will Show Technology's Entries

Featuring glider talks and pictures of the 1922 flying contests abroad showing Technology's ship, the Aeronautical Engineering Society will hold its All-Glider smoker in Room 5-330 this evening at 7 o'clock. Two speakers, Otto Carl Koppen '24, and Phillip Allen, former naval flyer, will discuss various topics in regard to motorless flying. A film taken on Cape Cod last year depicting the flight of the present A. E. S. glider will also be shown.

Otto Koppen is a designer employed in the engineering department of the Fairchild plant on Long Island. He has designed the small Ford "flivver" plane and the new Fairchild 21 training ship. He also drew plans for the two gliders which were built at the Institute in 1922 and flown abroad. Phillip Allen attended the gliding school in Rossitten in Germany and is the only American now qualified as a soaring glider pilot.

Outbursts From Filter Paper Victims, Gleaned by Ye Lounger

Roaming joyfully among the murky debris left in the wake of the Filter Paper, the Lounger picked up a ripe assortment of comments from the exposed addicts of drink, women or merely memories of Mother.. Heh heh—

GREENE

Bill Greene heads the list with a typical Greenian comment. "And the hell of it is, it's all true," says Bill.

DOUGLASS

"The Faculty should consider itself lucky to get off so easy in there now," said First Rate Douglass with a sigh of relief. "It was a good issue, but not nearly as raw as its predecessors."

PASSANO

Another mathematician heard from; in the words of L. Magruder Passano, "My interest in the matter is smaller than any value you choose to assign, however small. In fact, I don't give a damn either way."

MAJOR SMITH

Major Smith cracks liberally that "The boys must have their fun." And this mild dribble from a Major!

DRISKO

The Lounger leaves the meaning to his readers when Pop Drisko says that "It seems to get deeper every year".

BALSBAUGH

And now for a big repudiation from the outraged Balsbaugh. "I can't possibly account for the situation as presented; it must have been two other people". This latter quip seems vaguely familiar, somehow; and somehow the Lounger is wondering a little as to just how the situation should have been presented.

MILLER

Pop Valve Miller thinks that "The boys had some fun and enjoyed it.. I enjoyed it myself".

PEARSON

Molly Pearson has really been too busy to read this weed in the field of journalism, according to hints dropped by Molly Pearson.

HUDSON

Triple E Hudson is broken up over this, for yesterday he wished oh so earnestly that his wards would disclose their troubles in person instead of behind a screen of yellow anonymity.

SMALLER FILTRATE

And now for our associates,—activity heads, fatheads, sore-heads, and just plain deadheads.

KARAS

Os Karas, big little mouthpiece of our Varsity navigators, has oiled up the old horse pistol and is out for somebody's blood, he's not quite sure whose.

HALLAHAN

Trackster Hallahan reports that he's sending an issue home to Mamma; and if you think the Lounger's a liar, ask John T.

HILLS

Perhaps this was broadcasted for publicity purposes, perhaps it's just the exudations of one holy in spirit and careful of his flock; be it as it may, "We Delts use good floor wax, anyway, by God", bombasted Fisher Hills.

LOGAN

This one speaks for itself. "Here today, gone tomorrow, and I don't know what good old Theta Chi will do without me" . . . George Logan.

WILLIAMS

Gordon Williams, chief stoker aboard the Kappa Sig steam roller, warns the world that "Steam rollers multiply, just like cats and white mice. Beware of my progeny" . . . Oh you G75!

GLENN

Believe it or not, Earl Glenn is all in favor of more humor and less dirt.

HAMILTON

Hugh Hamilton, head of the Apartment Research Committee of the T. C. A., responds to inquiries with a truly harmless and totally unconvincing verse from G. W. Carryl:

"I blush to add that when the bird Took in the situation, He said one brief emphatic word Unfit for publication".

Aw hell—Some day the Lounger's going to slip a pair of pot covers under his shirt, do his damnest to talk falsetto and just beg Hughie to tell all about that ancient King of England as only Hugh can salaciate. (Damn good word, that.)

DISCRETION CLUB

Among the Discretion Club are listed Atkinson, Woolman, Virgie McDaniels, Glazebrook and Jewett, and the Lounger knows a few others too, all of whom "have nothing to say".

Ho hum.. All the insult Lounger got was a feeble bunch of plagiarisms; and if any of you imaginers ever thought that the Lounger was any kin of the Scrounger . . . oh well, why not join the Paresis Club?

A Record of Continuous News Service for 48 years.



Official News Organ of the Undergraduates of M. I. T.

MASSACHUSETTS INSTITUTE OF TECHNOLOGY

Table with columns for MANAGING BOARD, ASSOCIATE BOARD, EDITORIAL DEPARTMENT, BUSINESS DEPARTMENT, and NEWS AND SPORTS DEPARTMENTS.

In charge of this issue: George R. Taminosian '28

BLIND BOSTONIANS

WHILE most of us in our years at Technology have never partaken on the proverbial Saturday night of that old New England dish which has made Boston famous elsewhere...

That "A prophet is not without honor, save in his own country" is the truth, no one denies. "Distance lends enchantment", and we who are right here on the ground refuse to be impressed with what is close by.

Out-of-town students, at the close of examinations, are too anxious to get away to vacation pleasures to pause for intellectual sight-seeing, and those who live here think that there is no hurry about seeing things that have always been here and always will be.

It is also true that most Technology students are here but for one reason—to study. Yet study can be applied to more than just technical subjects and it should be.

Most men here dislike the reputation they have gained—that of being merely staid technicians, interested only in matters scientific. If this "shoe" does not fit, why is there not some sort of active effort to show Boston to Technology?

LITTLE THINGS IN LIFE

NEARLY two thousand years ago, Marcus Aurelius made a little note in his diary to the effect that never, having engaged to do a thing, would he give as an excuse that he had not found time.

Such slovenly habits are indicative of weakness of character. Every time a student puts off his work until the week-end, he is breaking down his moral fiber.

The true test of a man of value is whether or not he performs promptly and efficiently the little duties that come to his lot. Engineers are prone to forget this, and though they may be all-powerful in one direction, they are pitifully dependent on others for guidance in matters of comparative simplicity.

As We See the Movies

THE FENWAY

At last, we've seen a good talkie! This is not advertising copy—it's a fact! "Close Harmony," the feature offering at the Fenway at this time has everything which most criticized talkies lack, and a great deal more as well.

The picture was accurately adapted from the stories by Elsie Janis and Gene Markey which have delighted "Saturday Evening Post" readers for the past two years.

From the time the story opens with a nocturnal practice session of Al West's jazz band, the action is human and dramatic. Al West, as played by Buddy Rogers, is the young go-getter, trying to land a day time position in vaudeville and a full time job with the beautiful star, the part adequately performed by Miss Carroll.

Harry Green gives a capital characterization as the Jewish manager, and more clever humor is supplied by Oakie and Gallagher, the harmony duo. But with all its humor, the picture is as true to life throughout its whole sequence as anything we have seen in a long time.

"Close Harmony" is full of good clean fun, harmonious music and acting par excellence. You'll be sure to enjoy it immensely.

LOEW'S STATE

A picture that is less of a movie and more of a musical play than anything the average student has yet seen is the present bill at Loew's State Theatre. "The Broadway Melody" is interesting especially for its technique and splendor, although the entire show is above average.

Charles King, former star of "Hit the Deck", has a fine voice, making him well fitted for the part of a singing playwright. The plot is the old one about the young girl supposedly getting led astray by the fast theater crowd, but since this picture works in a good part of one of a gorgeous review such repetition does not make the interest drag.

Anita Page, as the younger of two sister vaudevilliennes is beautiful enough to watch in any show. She comes to New York with her elder sister to show their act. With the aid of Charles King, both of them "make" a big review but Anita's beauty brings her larger portion of acclaim.

King and Bessie Love who plays Anita's sister are about engaged, but that does not prevent Charlie from falling in love with Anita and her inevitable surrender. Out of loyalty to her sister Anita tries to fool Charlie by running around with a big "Stage-Door Johnnie", but in the end her sister sees through the puzzle, and the other two get married after many struggles.

On the stage, Jimmy Hussey, one of those "East Side" comedians puts on one of those foolish acts that keep one laughing in spite of one's self, and then there is a dancing quartet that is worth watching.

D. T. H.

THE EDITORIAL SPECULUM

Now that spring is with us in fact as well as in theory, the Spectator has been keeping close watch for symptoms of perennial deprecations of one Bacillus Vernus who appears to take great delight in plunging people from extreme pagan exuberance into profound lassitude or vice versa.

The Carnival should prove an agreeable outlet for our urgent desire to

Play Directory

Tickets for all theatres may be bought at Box-Office Prices from the T.C.A., Walker Memorial.

Stage

- COLONIAL: "Billie". Polly Walker just proving how long a really good show can last. COPLEY: "The Ringer". A popular Scotland Yard mystery thriller fresh from Edgar Wallace's imaginative pen.

Screen

- METROPOLITAN: "Sonny Boy". That attractive youngster Davy Lee patches up a quarrel between his parents in true fairy-tale style. MODERN and BEACON: "Hearts in Dixie". Original and touching with its all-negro cast.

"act like human beings." Such an affair is better than a case of spring tonic for the majority, but for those more sanguinarily inclined there is always the Technique rush.

Since warm days are already in evidence and, in the normal course of events, still warmer will be forthcoming, a word about Technology's thirst-quenching system would not be amiss we refer, of course, to the official system as exemplified by the water-bubblers.

Voice "doubles" spoke and sang for Richard Barthelmess in "Weary River" and for Louise Brooks in "The Canary Murder Case" according to the confession printed in the current issue of "Time." Frank Withers was the voice for Richard Barthelmess and Margaret Livingston for Louise Brooks.

Several American colleges have now made arrangements whereby

students may travel abroad during their Junior year and receive credit for it, according to an article in the "Lafayette". The cost from July to July is about \$1,500.



Members of the professions their number is legion who travel Tourist Third Cabin

Doctors, lawyers, professors, engineers, actors—one after the other they book TOURIST Third Cabin when Europe-bound.

In their fields the European trip is a necessity. They pride themselves on "keeping abreast" of the age by frequent contact with European minds and methods.

FROM \$102.50 ONE WAY

Choice of Majestic, world's largest ship, Olympic, Homeric, Belgenland, Lapland, etc.—and the Minnekahda and Minnesota that carry TOURIST Third Cabin passengers exclusively.

WHITE STAR LINE (RED STAR LINE - ATLANTIC TRANS-POSS LINE INTERNATIONAL MERCHANT MARINE COMPANY. THE UNIVERSITY TRAVEL CO. 1430 Mass. Ave. Cambridge, Mass.

All Set for the Freshman Dance and the Dorm Dance Friday Evening?

New TUXEDOS FOR HIRE \$1.50 AND UP



Tuxedos Full Dress Cutaways

Shirts Shoes Etc.

Telephone READ & WHITE Connections

111 Summer St.—BOSTON—93 Mass. Ave. Woolworth Bldg., Providence, R. I.

MARSKMEN WIN N. E. LAURELS

RIFLE TEAM WINS HOLD ON EASTERN TITLE THIS YEAR

Sectional Matches of National Rifle Association Will be Held April 13

NORWICH U. IS RUNNER-UP

By defeating Norwich University 1356 to 1312 during the past week, the Technology rifle team has clinched the New England Intercollegiate championship for the second time in succession. The shooting of the team this year places it in a class by itself as far as New England is concerned, for the team has won each of its six N. R. A. New England matches by decisive scores, averaging about 1350 to its opponents' 1250, and has set the season's record for New England with a score of 1367. Norwich University placed second to M.I.T., with four victories and two defeats.

N. R. A. Match on April 13

Only two more matches will be fired this year, these two being the Hearst Trophy match, which will be fired next week, and the N. R. A. Intercollegiate, which will be fired at Commonwealth Armory on April 13. N. R. A. matches will be held in other sections of the country on the same date. The team finishing first among the entrants at the Armory on April 13 will be the Eastern champion; the team having the high score throughout the country will be the National champion. It is considered that the M.I.T. team has a fair chance of winning the Eastern championship, but the chances of winning the National are very slim. Navy is entered in the Southern section, and unless it shoots below its usual form, will turn in the best score in the country.

Teams Not Yet Chosen

The personnel of the Hearst and the N. R. A. Intercollegiate teams has not yet been picked. The Hearst team is limited to R. O. T. C. members, and is a five-man team. The N. R. A. team is also a five-man team, but not necessarily limited to R. O. T. C. members. Eliminations will be held this week to decide who fires on the Hearst team, and probably more eliminations will be held next week to decide on the N. R. A. team.

Sports Desk

At present sports are very inactive at the Institute as far as actual competition is concerned. The month of March saw the successful completion of the season for several of the most active athletic activities, and things are riding along now on the lull between the winter and the spring sport seasons. This does not mean that there is a lack of interest, however, for the interest at this time is perhaps greater than at any other period of the year. Crew and track men are devoting their whole-hearted efforts to the spring work, and the majority of the eyes of the sport fans are turned in their direction.

Among the minor sports lacrosse is attracting a great deal of notice because of its novelty to the students at M.I.T. This is not the only reason for the popularity of the game by any means, as the number of men who report at daily practice indicates. Tennis will soon be under way, and a full season is planned by the managing staff. The Institute courts are popular at present, and they are all in use at nearly every hour of the day.

The soccer team seems to be faring well in its spring work, though it has been severely handicapped by the diversion of its former stars to other fields under the pressure of extra-curricula activities which limit their time to be devoted to athletics. The team practices regularly and the prospects for a good team are brighter every day.

The manner in which the rifle team is cleaning up in the collegiate firing is very commendable to themselves and to their excellent instruction in the skillful handling of the firearms. They now stand at the head of the list in New England, with a chance of capturing the Eastern title.

It is a treat at this time of the year to stand on Harvard bridge and watch the crews as they glide through

OARSMEN TO RACE OVER NEW COURSE

New Two Mile Route Will Take Place of Shorter Ones Formerly Used

Due to the opening of the new Cottage Farm Bridge, a longer race course has been made available for the crew races to be held on the Charles this season. The new course to be laid out by Harvard and Technology surveyors will extend from the Braves Field to the Union Boat Club, covering approximately two miles.

This course will take the place of a mile and three quarters course extending from St. Mary's Bridge to the West Boston Bridge. This has been the official race course for the Institute and Harvard crews for over ten years, but since the construction of the new Cottage Farm Bridge a longer course has been possible, and the surveyors expect to be able to lengthen the present one by a quarter of a mile.

Improvement in New Route

Previous to the construction of the St. Mary's Bridge, the crews rowed over a mile and seven-eighths course starting at the old Cottage Farm Bridge which also ended at the West Boston thoroughfare. This new course will be a distinct improvement over the old, which was shorter than most collegiate courses, as it will call for more endurance, a need which has always been lacking in the present mile and three quarter run.

SIGMA NU CAGERS DEFEAT PHI KAPPA

Interfraternity basketball got into action again last night when the Sigma Nu team crushed the Phi Kappa five taking the lead at the start. At the end of the half Sigma Nu led 12 to 6. This lead was increased to 22 to 8 by the end of the game. The high scorers for Sigma Nu were Lawton, Merchant and Weddle. Riley, Harrington and McKenna starred for the Phi Kappa team.

the water under the steady pull of experienced oarsmen. This is a thrill in watching the crews race that is not furnished by most athletic contests. It is a grueling sport, for men who have bodies that will stand up under the strain of a race that taxes every ounce of their power. It is the smooth rhythm that adds the fascination to this sport, and its "popularity is deserved".

A propos to the popularity of crew and the number of men it attracts, it is well to observe the great extent to which the coach and his assistants have effected the success of this sport. A coach who can hold the men and make the worst drudgery a pleasure, solely through his own personality and appeal to their masculine natures, is the greatest asset that a team can have. The Institute is fortunate in having several such men at its service in the different departments of athletics. They are doing the work because it is the thing they like to do above everything else. Here, more than at most schools the spirit of commercialism that has been so much frowned upon is entirely lacking.

ENJOY SPRING
in
HIGH GRADE
TESTED
USED CARS

We Have the Best
at
LOW PRICES

The
Henley-Kimball Co.

MR. G. C. BLAISDELL
In Back of

TECH DRILL FIELD
157 Vassar St. Univ. 6140

RESULTS OF M.I.T.A.A. EVENTS FOR MARCH

HOCKEY		Varsity 41 Temple 13	Varsity 43 Wesleyan 37
Varsity 2 Brown 3	Varsity 41 Bowdoin 0	Varsity 22 Navy 32	New England Intercollegiate:—
Varsity 2 University of Penn. 3	Varsity 22 Eastern Intercollegiate Gym League: Tie for first with Navy.	Varsity 2nd.. Freshmen 4th.	
Freshmen 1 Brown freshmen 0			
BASKETBALL		WRESTLING	
Varsity 24 New Hampshire 34	Varsity 9 Brooklyn Polytech 21	Varsity 6 Syracuse 28	
Varsity 25 Tufts 27	Freshmen 18 B. U. Varsity 23	Freshmen 18 B. U. Varsity 23	
Freshmen 22 Tilton Seminary 18	Freshmen 18 New England Intercollegiate:—	Varsity 4th. Freshmen 1st.	
Freshmen 25 Tufts freshmen 32			
BOXING		SWIMMING	
Varsity 3 N. Y. University 4	Varsity 51 Bowdoin 20	Varsity 34 Brown 46	
Varsity 1 New Hampshire 5			
Varsity 3 Dartmouth 3			
GYM		FENCING	
Varsity 32 Dartmouth 22	Varsity 8 Bowdoin 5		

Yale men decide which is best cigarette...



[Reproduced from the Yale News, Jan. 25, 1929]

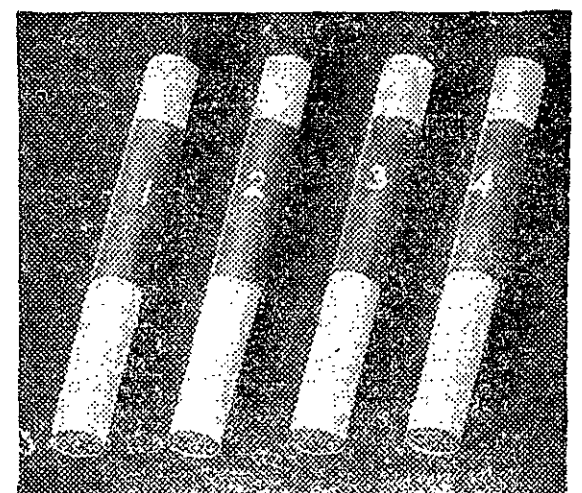
OLD GOLD CIGARETTES WIN FIRST IN TESTS AT YALE

In the recent cigarette test made at the University, OLD GOLDS were chosen by the students as the best. The cigarettes were masked by black labels so that the names of the brands were concealed. Each label was numbered. This was judged to be the most sporting way of testing the merits of the four leading brands. Some 208 Yale students were asked to smoke the four disguised brands without knowing their identity.

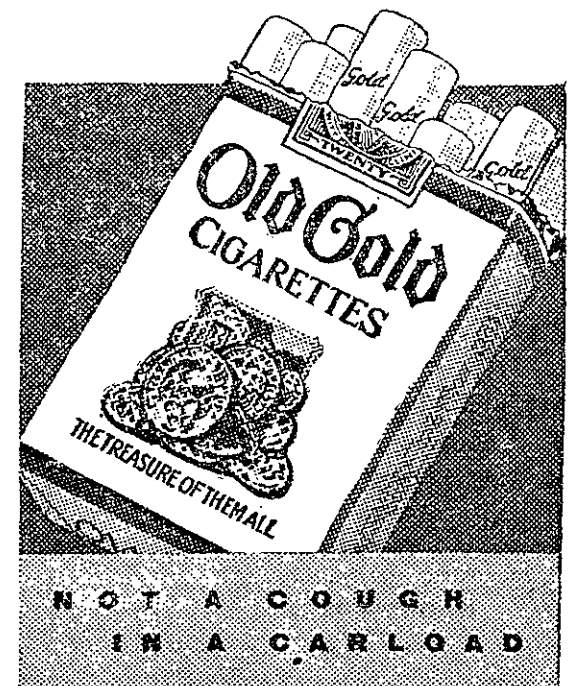
They were merely to choose, by number, the one that was most appealing to the taste.

The NEWS supervised the test on January 18 at various fraternity houses and in the NEWS office.

When the votes were recorded it was discovered that OLD GOLD (Cigarette No. 3) had won. Old Gold was given 63 first choices, which was 11 per cent ahead of Cigarette No. 2, 34 per cent ahead of Cigarette No. 1, and 53 per cent ahead of Cigarette No. 4.



The four leading cigarettes... "Masked" with paper sleeves to conceal their brand names.



NOTICES and ANNOUNCEMENTS

Of General Interest

Hydraulic Experimentation Dr. Ing. Theodor Rehbock
Wednesday, April 3, 2 P.M., Room 5-330

Dr. Ing. Theodor Rehbock, Professor of Hydraulics at the Technische Hochschule of Karlsruhe, Germany, will give the seventh lecture in the series on "Hydraulic Experimentation." The subject of the lecture will be "Layout of River Hydraulic Laboratories" and "Experiments executed in the River Hydraulic Laboratory at Karlsruhe, and their results." The lecture will be illustrated by moving and still pictures.
The lecture is open to students and members of the instructing staff.

Theory of Metallic Conduction Prof. W. Heisenberg
Wednesday, April 3 4 P.M., Room 4-231

Professor W. Heisenberg, Director of the Institute of Theoretical Physics of the University of Leipzig, will give the ninth lecture in the series on "Recent Developments in Quantum Mechanics." The subject of the lecture will be "Theory of Metallic Conduction."
The lecture is open to students and members of the instructing staff.

Ancient Life in Central Asia Prof. F. K. Morris
Wednesday, April 3, 7:15 P.M., Emma Rogers Room

Professor F. K. Morris of the Geology Department will speak at a meeting of the Sedgwick Biological Society. The subject of his lecture will be "Ancient Life in Central Asia." All who are interested are invited.

Detail Design of Airplanes Mr. Charles J. McCarthy
Friday, April 5, 4 P.M., Room 3-270

Mr. Charles J. McCarthy, Engineering Executive of the Chance Vought Corporation, New York City, will speak on "Practical Considerations in Detail Design of Airplanes." The lecture will be illustrated with specimens and moving pictures. It is intended primarily for students in Course XVI, but others interested are welcome.

Calendar

Wednesday, April 3

- 7:30—Chemical Society Smoker, North Hall, Walker.
- 7:30—Math Club Meeting, Faculty Dining Room, Walker.
- 7:30—Aeronautical Engineering Society Smoker, Room 5-330.
- 4:00—Lecture by Professor Werner Heisenberg on "Theory of Metallic Conduction," Room 4-231.

Thursday, April 4

- 5:00—Banjo Club Meeting, East Lounge, Walker.
- 5:00—Glee Club Meeting, Room 10-250.
- 4:00—Liberal Club Business Meeting, Room 10-267.
- 4:00—Illustrated Lecture on "Splendors of India" by Professor William Sandoz under auspices of M.I.T. Hindustan Club, Room 10-250.

Friday, April 5

- 8:30—M.I.T. Catholic Club Formal Reception and Dance, Kenmore Hotel.
- 8:30—Dorm Dance, Walker.
- 8:30—Scabbard and Blade Dance, Rogers Building.
- 9:00—Freshman Promenade, Hotel Somerset.

Saturday, April 6

National Rifle Association Intercollegiate at New York.

Monday, April 8

- 5:00—M. I. T. A. A. Meeting, Committee Room, Walker.
- 3:00—Colloquium on "Manufacturing Problems Arising in the Production of Telephone Cable" under the auspices of Electric Engineers' Club, Room 10-275.

Tuesday, April 9

- 6:00—T. E. N. Dinner, North Hall, Walker.
- 3:00—Continued Colloquium under Auspices of Electrical Engineers' Club, Room 10-275.
- 5:30—T.C.A. Installations Dinner, Faculty Dining Room, Walker.

Friday, April 12

All Technology Carnival, Armory.

Saturday, April 13

- 3:30—Activities Tea Dance, Faculty Dining Room at North Hall, Walker.

Undergraduate

SENIOR ENDOWMENT Information on the Senior Endowment plan can be secured in Room 3-213 at any time.

MATH CLUB TO HEAR PROFESSOR STRUIK

Professor Dirk J. Struik of the Mathematics Department will address the Math Club on the subject of the "Origin of Modern Mathematical Text-books", tonight. The meeting will be held in the Faculty Dining Room of Walker Memorial at 7:30 o'clock.

INTERCOLLEGIATE

According to "College Humor", the University of Pennsylvania used to have a tradition known as the "rowbotham". This originated with a certain student named Rowbotham who was awakened in the wee hours by the stentorian supplications of a bibulous roommate of feline habits, urging him to "throw down the key". The enraged student threw everything moveable out of the window in the general direction of the offending sound. Until the practice was stopped by drastic measures on the part of the college authorities, a cry of "Yo, Rowbotham" was sufficient to bring about a wholesale reanaction of this incident.

Out of 88 fraternity houses on the campus of the University of Illinois, an investigation conducted by the Daily Illinois showed all but 20 of those fraternities repose behind unlocked doors.

For College Parties

—small or large, The Modernistic Ballroom, for 300 guests. The Sun Room—accommodates 100. The Jewel Room—for 50 to 75, may be opened into the EGYPTIAN ROOM for dancing to Leo Reisman's music.

Call or write
Hotel BRUNSWICK
for particulars

Perpetual Calendar Tells Day of Week for Any Date That is Given

Is Planned as Part of Display of Mathematics Department on Open House Day

Although few students see the benefits that are to be gained in the study of abstract mathematics, it is occasionally forcibly demonstrated to them that the calculus serves a useful purpose. One of the students has recently developed by its aid a perpetual calendar, by the aid of which, given the date, anyone can find the day of the week in a few seconds.

Such a proposition is harder than it would seem, for multitudinous factors influence the corrections of such an instrument. In the first place, the limiting date of the calendar is the year 1587, when the present system of accounting for dates was adopted. The other end of the calendar is unlimited, and indeed the graduations lead up to the year 2300 A.D. and can be taken further by anyone. The problem of leap-year is difficult of solution, for the rule for leap-year is that every year exactly divisible by four is a leap-year, with the exception of those years exactly divisible by one hundred. These in turn are not all regular years, for those divisible by four hundred are leap-years. Besides this there is the problem of the month, since the months have varying numbers of days.

With a handful of integrals, then, the industrious student set himself to work. Numerous simplifications were made, and he finally arrived at a conclusion that one disc and a peg would suffice to make the calendar. Accordingly the Institute carpenter shop was given the task, and soon painted figures graced the white pine, heralding the advance of science.

The apparatus is simply a large round disc with a knob in the center by which to turn it. This is mounted on another disc, which has four holes at regular intervals around its circumference. A small brass peg is inserted in one of these holes. On the outside disc the days of the week are given, with Friday on the top. There are also numbers, one to seven, around

the outside. The inner disc has three concentric circles. The outer one has on it the days of the month, by number, the middle one has the numbers of the months, and the inner one has the numbers of the centuries.

To operate this calendar is much more simple than to explain its theory. The last two numbers in the year are counted off around the base, and the plug inserted in the hole. The same number is then divided by four, and neglecting the remainder this number is also counted off with the peg. Then the number of the month is set opposite the plug, and opposite the number of the day is the name of the day. For a different century one more adjustment of the plug is necessary.

By means of a relatively simple integral the whole theory of the mechanism can be explained, and the board merely puts the solution into a form that anyone can operate. It is planned to display the board on Open House Day for the edification of the visitors as to some of the many wonders that can be accomplished in the field of mathematics.

MUSICAL CLUBS GIVE CONCERT AT MILTON

The Combined Musical Clubs will present a program before the exclusive Milton Club at 7:30 o'clock next Friday evening. Each of the Clubs is to render several selections. The usual dancing will not follow this concert, and the Clubs management assures all those who attend that the affair will be over in time to permit attendance at any of the numerous dances being given on Friday evening. Club members are to take the Cambridge Subway to Ashmont station, where they will be met on the upper level by buses which will take them to their destination. The management urges all members to attend this concert.

69 AWARDS MADE BY ADVISORY COUNCIL

(Continued from Page 1)

Robert C. Platt '31, Wesley H. Reynolds '29, David Q. Wells '30.

Wrestling

One straight "T" was awarded to Nerses DerMarderosian '29. The "wT" in wrestling was awarded to Nerses DerMarderosian '29, John Emilio Chibas '31, Myrle Perkins '30, Allan H. Stone Unc., William A. Pitbladdo '30, Nicholas L. Easley '29, Jacob Gordon '31, Cooper was given a discretionary award of the "wTt".

Swimming

Straight "T's" in swimming were given to Edward H. Mackay, Jr. '31, John Jarosh '30, Laurence D. Luey '29, Philip Torchio '30, Emmanuel I. Birnbaum '30. The "sTt" award was made to Ralph L. Appleton '30, Carl F. Baker '31, Emmanuel I. Birnbaum '30, John J. Jarosh '30, Laurence D. Luey '29, captain, Francis A. Lutz '31, Howell Tyson Lykes '31, Edward H. Mackay, Jr. '31, Robert J. McMinn '31, Philip Torchio, Jr. '30.

Hockey

Ralph H. Crosby '29, and George E. White '29 were awarded the straight "T".

George E. White '29, Ralph H. Crosby '29, William E. Cullinan '30, Daniel V. Lucy '30, Benjamin P. Hazeltine '31, Philip J. Riley '30, William P. G. Hall '31, Horace S. Ford, Jr. '31 Paul F. Donahue '29, John J. Fahey '29, and Mgr. Laurence Horan '29 were awarded the "hTt" for their work on the hockey team.

Boxing

Awards of the straight "T" were granted to John J. Bolanos '31, and Ronald F. Jameson '30, "hTt" awards were approved for Carl W. Orleman '31, Robert Lamoretti '31, John J. Bolanos '31, Ronald F. Jameson '30, and Claude F. Horton '30.

The following men were given the straight "T" for their excellent work on the basketball team during the past season: Bernard B. Brockleman '29, C. Brigham Allen '29, Sven G. Lawson '30, and William W. McDowell '30. Awards of "hTt" were granted to Bernard B. Brockleman '29, C. Brigham Allen '29, Sven G. Lawson '30, William W. McDowell '30, Robert M. Nelson '30, John T. Harrison '31, and David W. Motter '31.

EXHIBITS FOR OPEN HOUSE TO BE VARIED

Colored Lights to Play on Institute From Across Charles

(Continued from Page 1)

the exhibits. Heads of the different courses will be glad to tell anyone who is in charge of the exhibits for their particular line.

It is expected this year to have searchlights play on the Institute from the other side of the river as has been done on previous Open House Days. These lights, obtained from the Army will illuminate the buildings at night and the varied colors and beams of light playing on Technology presents a very beautiful and spectacular sight, attracting many people to come and see what it is all about.

Among the exhibits definitely planned for this year is a demonstration of television by both some graduate students and some members of the freshman class. The aeronautical department has made it known that they will have several interesting exhibits and reports from the other departments indicate that their exhibits have taken definite shape and are now being worked upon.

As the Technique Rush will fall this year on Open House Day the students will be sure of having a large audience watch them make heroes out of themselves. The Dramashop and Tech Show have announced that they will put on a performance sometime during the day. Many more events that are being worked on seem to indicate to the committee in charge that Open House this year will be full of interesting and enjoyable things for the visitors.

TALK ON SPLENDORS OF INDIA TOMORROW

"Splendors of India" in moving pictures and colored slides will be shown in a talk by Professor William Sandoz under the auspices of the Hindustan Club of M.I.T. in Room 10-250 tomorrow at 4 o'clock. This is the first lecture the club has given this year to which all students are invited to attend. The speaker is an Australian, but spent much of his time studying Indian architecture.

ENJOY THE SPRING SOCIAL SEASON
In the Best Cars at the Lowest Rates
U-DRYVIT AUTO RENTAL
6 Belvidere Street Boston

GERMAN EDUCATIONAL METHODS DISCUSSED

Faculty Club Hears Address by Dr. Werner Heisenberg

Dr. Werner Heisenberg, Director of the Institute of Theoretical Physics of the University of Leipzig, was the principal speaker at the luncheon meeting of the Faculty Club held yesterday noon in the Faculty Dining Room at Walker. His subject was "Technical Education in Germany" and he gave a complete account of German university methods. He explained how the students, during the first few years in advanced schools are handled in large groups of from one to six hundred, thus preventing any individual contact with the professors. During the third or fourth year, specialization begins, and numerous seminars keep the student in very close touch with his instructors.

Professor Heisenberg remarked especially upon the lack of supervision of the students. They are entirely free to attend classes whenever they wish. No examinations are given during the course, final examinations in all subjects being taken upon the student's graduation after four, five, or six years at the university. The Professor attempted no comparison of this form of education with the American methods, but he did remark upon the great wealth of laboratory space and material which is available in the United States.

The meeting was attended by about 90 members of the Faculty. A second meeting this week will be held on Friday, the subject of which will be announced in the next few days.

LIBERAL CLUB WILL ELECT NEW OFFICERS

Plans for Next Year Will be Outlined at Meeting

Nominations for next years officers will be made at a business meeting of the Liberal Club in Room 10-267 on Thursday afternoon at 4 o'clock. Announcements concerning the participation of the Liberal Club in the League of Nations Model Assembly will be made. The future program and policies of the organization will also be discussed. All members are urged to be present and those who wish to join may do so at this time. Regular voting privileges will be extended to those who join at this meeting.

BENCHMARK BEGINS STAFF COMPETITION

A call for candidates for "Benchmark," the Civil Engineering Summer Camp Yearbook, was made at a meeting held recently, during which Sears Hallett '29 explained to the men present the requirements of the positions on this publication. A competition was begun, and those who showed an interest were given temporary assignments. These assignments were to secure two advertisements and to write a report on the organization and the work of "Benchmark." Eleven candidates were signed up at the meeting, and these men will be required to complete their assignments by April 13, after which date the choice of the managing board will be made.

TALK ON "RUBBER" FOR CHEM SOCIETY

(Continued from Page 1)

Chemical Company in Everett, Mass.; Thursday afternoon, April 4th. The group will leave the Main Lobby at 2:05 o'clock making the trip via the Boston Elevated. The Society is said to be very fortunate in being able to visit this plant, as few visits are permitted. Members of the Faculty are cordially invited.

JOHN SPANG
QUALITY RADIO EQUIPMENT
STANDARD SETS AND PARTS
INSTALLATION SERVICE
Phone Kenmore 0745
125 MASSACHUSETTS AVENUE
(Next to Cor. Boylston St.) Boston
"First Tested—Then Sold"
—Discount to Tech Students—

NEW TUXEDOS FOR HIRE \$1.50 AND UP

Tuxedos Full Dress Cataways
READ & WHITE
Shirts Shoes Etc.
111 Summer St. and 93 Mass. Avenue, Boston
Woolworth Building Providence, R. I.
Telephone Connection



SIMPLEX WIRES AND CABLES

INSULATED WITH RUBBER
PAPER OR VARNISHED
CAMBRIC

SIMPLEX WIRE & CABLE CO.
MANUFACTURERS
201 DEVONSHIRE STREET BOSTON
CHICAGO SAN FRANCISCO
NEW YORK CLEVELAND
JACKSONVILLE