

FRESHMEN UNSUCCESSFUL IN ATTEMPTED ABDUCTION OF SOPHOMORE PROM GIRL

MEET MISS LAKE AT THEATER DOOR WITH AUTOMOBILE

Sophomore Committee Foils
Them By Arriving On
Scene Quickly

200 COUPLES ATTEND

Following the example of the Sophomores who successfully stole one of the freshman caskets from their dance last December, four ambitious, though ill-advised members of the freshman class, made a desperate attempt to kidnap Miss Harriette Lake, Prom Girl of the Sophomore Dance, from the stage door of the Majestic Theater on the evening of the dance. The attempt was very close to being carried to consummation.

Arriving at the stage door at about 11 o'clock, the four men, Lewis B. Simons, Louis F. Pflanz, John G. Mooring, and Robert A. Scribner, represented themselves to the doorman as the Sophomore Committee which was to take Miss Lake to the dance.

Nearly Got Her

Miss Lake had started to get into the car which they had waiting, when Henry D. Humphreys '34, accompanied by several of his classmates, came out of the theater with the manager of the show. A short argument ensued, but the manager was acquainted with the Sophomores and insisted that Miss Lake go with them.

The intention of the kidnapers was to bring Miss Lake to the dance and introduce her to the dancers as the guest of the freshmen who were present. Miss Lake later expressed her feelings in the matter as follows: "Don't you think it was rather inconsiderate of those boys to try that sort of thing? It was really awfully mean."

Large Crowd

Estimates of the number of persons set the figure at slightly more than two hundred couples, with a good-sized crowd of stags and odd men who were not counted in by the ticket collectors. According to one member of the Committee, there was quite a bit of gate-crashing in the last two hours, and these were naturally not included.

The members of the Committee in charge of the affair, which were announced last evening, are: Henry D. Humphreys, chairman; John R. Newell, Dean S. Dadaakis, John T. Burwell, Richard Bell, Laurence B. Stein, Gorham K. Crosby, George M. Kingsland, E. Philip Kron, Samuel S. Goldstein, and William W. Hartz, all of the Class of '34.

Prom Redemptions Will Continue Another Week

Contrary to previous announcement, Junior Prom Redemptions will be received in the Main Lobby from 9 till 12 o'clock every day next week.

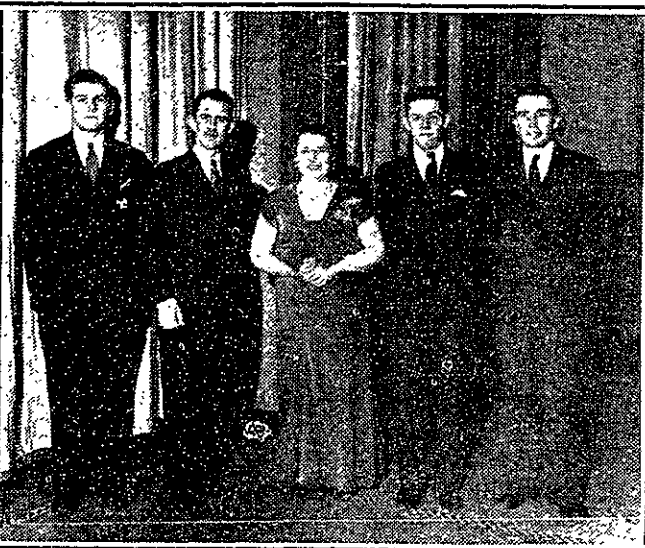
1000 PEOPLE GATHER TO HEAR SECOND SUNDAY CONCERT BY GLEE CLUB

SCENE FROM THE SUCCESSFUL PROM
OF SOPHOMORES HELD FRIDAY NIGHT



Part of the two hundred couples who danced to the music of Cliff Natalie's orchestra. All four classes were represented at the affair.

GUEST ARTISTS WHO ENTERTAINED
AT CONCERT YESTERDAY AFTERNOON



Left to Right — Merton S. Neill '34, xylophonist; Russell Robinson, Unc., pianist; Miss Grace Donahue, contralto; Eugene F. Lynch '32, general manager of the Musical Clubs; Albert L. Schulerud, G., baritone.

BALCONY CROWD LIMITED BECAUSE OF EXCESS WEIGHT

Solos Given By Grace Donahue,
Merton Neill And Albert
Schulerud

TEA SERVED AFTER MUSIC

Presenting the second of a series of Sunday afternoon concerts, the Glee Club, assisted by four soloists, was enthusiastically received by the crowd of about one thousand people, who jammed the Main Hall of Walker Memorial. So great was the overflow on the East Balcony that authorities in charge of the building refused to allow more people to listen from that vantage point.

As guest soloist, Miss Grace Donahue, a radio artist who sings over WNAC, sang three or four soft pieces to the great delight of the audience. Miss Donahue was the winner of last year's Atwater-Kent audition and is rather well known to New England listeners. She has sung with the different organizations of the Musical Clubs before, although this is the first time she has ever appeared with them before an Institute gathering.

Three Student Soloists

Other solo artists who performed for the audience included Albert L. Schulerud, a graduate student in Course X-A, who rendered several baritone selections. Russell Robinson, an Unclassified student who played three piano solos consisting of the more serious type of music, and Merton S. Neill '34, well known to the student body for his able handling of the xylophone.

The whole program took about two hours to present. First to appear was the Glee Club, which sang a group of three songs, followed by solos by Schulerud. The Glee Club made a second appearance, and then there was a list of three separate solo presentations, with Neill, Robinson, and Miss Donahue, entertaining in order. The concert was closed by a third appearance of the Glee Club, which finished with the "Stein Song." Tea and sandwiches were served to everyone afterward.

Many older people and members of the Institute faculty were spread through the student audience. Among those identified as they arrived were the following: President and Mrs. Compton, Col. Samuel C. Vestal, Col. Robert Arthur, Col. Robert C. Eddy, and Professors Dugald C. Jackson, Leicester F. Hamilton, William T. Hall, Robert F. Fairchild, Joseph W. Pheasant, James R. Jack, F. L. Locke, Charles F. Park, and John B. Drisko.

Bell Places Second in I. C. 4-A Dash; Gym Team Second by Two Wins

GYM TEAM BEATS TEMPLE AND N.Y.U. IN TRIANGLE MEET

Engineers Have Best Meet Of Season With Three Best Men Absent

With three of their first-string men absent, and competing against two of the strongest teams in the league, the Engineer gym team varsity won the triangular M.I.T.-N.Y.U.-Temple meet. This meet was held at Philadelphia, Saturday, March 5.

Ericson set up a new Institute record in the rope climb, making the climb in one-fifth of a second behind the N.E.I.A.A. record. His time was 4 4-5 seconds, beating the nearest second time, his own, by two-fifths of a second. His nearest competitor was Mansar, of N.Y.U.

Getting and Flaitz Score

In the competition with N.Y.U., Getting and Flaitz took first place and second place on the high bar, Grant taking third for N.Y.U. On the side horse, however,

(Continued on page four)

TAKES SECOND IN I.C. 4-A 70-YD. DASH SATURDAY



RICHARD BELL '34

TECHNOLOGY MAN PLACED IN DASHES FOR FIRST TIME

First Time In History That The Institute Has Scored In This Meet

Placing the Institute in a scoring position in all its track history, Richard Bell '34, Technology's crack sprinter made second place at New York in which best time of the 70-yard dash was 7 2-10 seconds.

This indoor meet is the largest meet of all undergraduates in the East, and Technology's showing in it is a milestone in the Institute's athletic activities and is, according to Coach Oscar Hedlund, one of the biggest events of Technology track history in all its career.

In his first heat Dick Bell won over his competitors, making the seventy yards in 7 3-10 seconds. This time was the fastest of all the trials, no other man from any other college making as fast time in the first tryouts.

(Continued on page three)

Dr. Compton Eulogizes Scientific Investigation In Radio Address

Says Modern Industry Is Doomed Without Research And Its Application

"Scientific and engineering research will soon be one of the major professions of the country," declared President Karl T. Compton, in a radio address given under the auspices of the Massachusetts Industrial Commission over Station WNAC last Saturday night. The talk, entitled "The Value of Research to Industry," eulogized the value of research to modern industries.

Lauds Experimentation

"We owe to research nearly all that differentiates our lives from those of the most primitive pioneers, since it is by research, in one form or another, that additions are made to the store of human knowledge, and it is by research that

methods are perfected for applying that knowledge to human welfare." Thus began President Compton's address. Later he disclosed that "It is this development of the art of experimentation which enables us quickly and accurately to test theories and to make new discoveries, and which accounts more than anything else for the rapid developments in science and engineering during the past century."

Dr. Irving Langmuir, last week, was awarded the *Popular Science Monthly* prize of \$10,000 for research on the subject of the vacuum. Out of these seemingly useless studies, continued the speaker, grew not only the modern improved X-ray and radio tubes, but also the modern incandescent lamp of such improved efficiency that the electric light bill in this country would be twice as

(Continued on page four)

RIFLE TEAM WINS MEET AT NORWICH

In a triangular shoulder-to-shoulder match at Northfield, Vt., on Saturday, the Technology riflemen added another win to their already successful record. Headed by Bassinor, the Engineers amassed a total of 2280 points to defeat the Norwich and University of Vermont gunners by comfortable margins. The soldiers collected a score of 2191 and the Vermonters were credited with 2173.

M. I. T.—Bassinor, 267; Foote, 267; Speigel, 260; Hodges, 256; Crick, 256; Hopkins, 243; Eddy, 238; Shappro, 230; total, 2280.
Norwich—Howe, 266; Caron, 253; Moffitt, 253; Carter, 248; Stebbins, 239; Cummings, 238; Williams, 237; Cuff, 237; Elliott, 226; total, 2191.
Vermont—Sheldon, 271; Dunham, 267; Burke, 249; Gilbert, 247; Park, 242; Predon, 232; Donahue, 230; Perry, 223; Prentice, 212; total, 2173.

Prominent Japanese Graduate Dies From Assassin's Wounds Saturday

Baron Dan '78, Was President Of Technology Association Of Japan

Baron Takuma Dan '78, a graduate of Course III and one of the most influential men in the Japanese world of finance and industry, died in Tokio, Japan, on Saturday from wounds inflicted by an assassin. Baron Dan was president of the Technology Association of Japan and was loyally devoted to the interests of the Institute in that country.

As managing director and active head of the House of Mitsui Gomei Kaisha, Dan was in control of interests which operated many of the mines, railroads, banks, steamship lines, and commercial organizations of the Orient. His position was comparable to that of the Morgan or Rockefeller groups in this country.

During the World Engineering Con-

gress, held in Japan in 1929, Baron Dan was particularly gracious to the representatives of the Institute who were in attendance. Three professors, namely Professor Charles E. Locke, secretary of the Alumni Association, Professor Robert A. Richards, an emeritus member of the department of Mining Engineering and Metallurgy, and Professor Dugald C. Jackson, head of the department of Electrical Engineering, were entertained personally throughout the Congress.

For Professor Richards, Baron Dan had a special house built on his own estate. It was of Japanese construction and design, in accordance with the prevailing styles in the Empire.

On receipt of word of the untimely death of the Baron, President Compton cabled his condolences to Baroness Dan in the name of the Corporation and the Faculty.

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

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DORMITORY RACKETS

A LETTER recently received and published by THE TECH voiced a complaint by a Dormitory man about the amount of noise which the inmates of our halls of residence must put up with. Technology, it seems, needs culture; at least enough culture to overcome "the utter boorishness and puerile tendencies of its students as a whole," and to give some of them a chance to sleep before 2.00 a.m.

We fear that there is no feasible remedy for the situation. Complaint to the Dormitory Committee has been suggested. But what can the Dormitory Committee do to remedy noise? What can it do to silence gurgling drain pipes, pounding water lines and radiators, scraping chairs and bumping rockers? What can it do about the tile floors and steel staircases which send reverberations echoing down corridors like the sounding board of a piano? What can it do to subdue the wooden-heeled and wooden-headed creatures who nightly tramp their thunderous way along the halls of Hayden and Munroe, splitting the midnight peace with hideous cries? What can it do to silence the peripatetic slip-stick pushers who roam from room to room at one o'clock in the morning, slamming door after door with such force as to shake the building and jar would-be sleepers from their beds? What can it do to squelch the socially-inclined individuals who hold corridor bull-sessions at 2.00 a.m. and take their physical recreation by bowling milk bottles, playing tennis with frying pans, and using their rooms for handball courts?

The answer is: Nothing. The Dormitory Committee might as well try to stop the mingled perfumes of soap and chocolate which are borne to the noses of Dormitory residents on the east wind of a foggy morning. It might as well try to stop the March wind which daily lays a layer of cinders from the Institute's parking space on the desk of every man who keeps his window open. We shall have to await a new and greater visitation of culture. For the present, the only way out for the Dorm insomniac is to grow a tin ear and amputate his nervous system; or else move out of the Dormitories.

PRIDE AND PRIDE

PRIDE has its place, admittedly. But what do we mean by pride? Ordinarily when thinking of a proud person, one pictures in his imagination a man who is overimpressed with his own importance, who is conceited, and who has a corresponding warped view of the capacities of others. But our dictionary gives another meaning: a justifiable respect for one's own ability, a proper sense of personal dignity, character, and worth.

Technology graduates have a reputation for thorough acquaintance with the work covered in their undergraduate curricula. The reputation of this School has penetrated to the ends of the country, and when a man has graduated from the Institute those who have not had this training expect more from him than from the ordinary technical graduate. With the rigid course of instruction offered, it is highly probable that the Technology man knows more about his subject than graduates of some other schools, and is it not just that he should have some pride for this?

It is not to be supposed that the graduate of Technology goes about waving a diploma and shouting that he will accept the offer of the highest bidder; but should not the man who has had his training at what is conceded to be one of the best, if not the best, technical schools in the country feel some pride for his accomplishment and for the knowledge that he has acquired? A proper respect for his ability is to be desired, but the pompous attitude of the swaggering, ostentatious person is to be avoided. A proper sense of personal capacity keeps one from reaching that place where he thinks other men are always better than he; it is an antidote for the thought of failure. We must keep our pride, remembering that we are capable, for if we don't think so, no one else will. Pride is worth while and valuable.

Big Red Boiler In Steam Laboratory Explained By Professor Spannhake

Being Used To Observe Action Of Dissolved Gases In Water

Always the center of attraction for inspired freshmen and the Mecca of visitors to the Institute, Room 3-140 again is a point of interest. The object of attraction this time is a bright red boiler affair which has become an object of inspection, possibly because the once more or less straight path through the Steam Laboratory is now obstructed by this new machinery.

Under the direction of Professor Wilhelm Spannhake, work has been in progress for some time in this corner of the Laboratory on a device to determine the effect of sudden and localized pressure and temperature fluctuations on turbine blades. According to Professor Spannhake, little is known about conditions of dissolved gases and the effect of vaporisation of water in turbine flows, and since turbines have become so great a factor in modern power plant operation, the study of these conditions is necessary before further advances in design can be made.

The machinery recently set up consists primarily of two pumps in the basement which deliver water at a desired pressure to a large settling tank on the floor above. A long Venturi tube leads from the tank to a return pipe. The tube is so constructed that observations of the fluid can be made through a window in the side, and measurements of pressure at various points can be taken by means of Piezometers in the top.

Professor Spannhake explained that in hydraulic machinery dissolved gases collect in the fluid to such an extent that bubbles are formed at the points of low pressure. When this pressure is still further lowered to a point near the vapor density of the liquid, these bubbles are filled and enlarged by vapor, afterwards going with the flow again under higher pressure, they collapse and cause a "hammering" effect, similar to that which one often hears in radiators. By this "hammering," combined with high temperatures, a pressure of one thousand atmospheres is sometimes produced at a point in the machinery. Many materials break down under the shearing action of such a force, and dangerous accidents may occur.

The professor will make observations to determine methods for reducing this effect. He is planning his work so as to include a study of turbine blades under these same conditions with a view to working out the most satisfactory materials and design in this important part of power operation.

CLASS BOOK OF 1894 TURNS UP IN OFFICE

Book Contains Autobiographies Of Each Graduate

Supplementing the tales of Technology graduates who scaled the heights of finance and adventure, comes the story of the Class of 1894. A small red volume, published by that class on the occasion of its twenty-fifth anniversary reunion turned up in THE TECH office, and a scanning of the pages revealed some interesting facts.

From the whole class, numbering 345, only one man is a professor at Technology today, Professor Gill, Technical Chemical Analysis. Formerly of the Institute staff was Professor-Emeritus H. W. Tyler, of the Mathematical Department.

The book, which is in the form of short autobiographies, contains the stories of several skippers of Chinese warships, and of one man who was recalled from Technology to China during wartime, eventually to go down in the ship Yang Woo, during an engagement with the French.

A Major-General, John F. Weston, attending the Institute in his later years, was awarded a medal of honor for gallantry, after having swooped upon some Confederate ships with a small band of poorly-equipped men, and succeeding in forcing their surrender. General Weston was 1st Lieutenant of the Fourth Kentucky Cavalry at sixteen.

To Colonel David Lyle, also of the Class of '94, goes the credit of saving 4,500 lives. He was the inventor of the Lyle gun, which is used by Coast Guards for shooting rope to ships in distress.

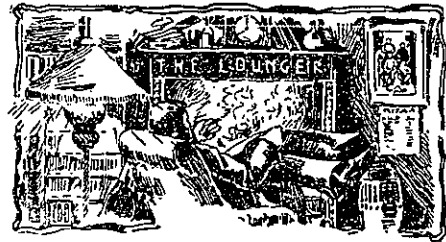
All the autobiographies contained answers to the question "Would you do it again?" (in reference to taking the Technology course over again). Most of the men felt that they would, but that if time and money permitted, would take a college course beforehand, to secure the advantages of culture and friendship obtained at regular colleges.

A WAY FROM THE Grind

Kappa Sigma entertained eighty couples at a formal dance at the chapter house Friday night. The Techtonians played for dancing from 9 until 1 o'clock. The house was decorated in a modernistic fashion with silver and black motif. Chaperones were Mr. and Mrs. W. R. Mattson.

The much-heralded Sophomore dance occurred on Friday night. Two hundred and twenty-five couples danced to the music of Cliff Natalie and his orchestra from 9 until 2 o'clock. Refreshments were served at 12.30 o'clock. The dance was chaperoned by President and Mrs. Karl T. Compton, Professor and Mrs. James R. Jack, and Professor and Mrs. John C. Slater.

Following the Quadrangle Club initiation Saturday evening, a banquet in honor of the initiates was held in the North Hall of Walker Memorial. Initiates were: Ernest A. Johnstone, Cason Rucker, Gerald W. Farr, Carbon C. Dubbs, James M. Thomson, Joseph L. Fisher, Edward B. Reilly, Clark Nichols, Edward J. Heizer, Hal L. Bemis, Frank J. Messman, John T. Cheney, John B. Ballard, G. Peter Grant, William W. Cross, Philip C. Cooper, Frank R. Hatch, Richard E. Stanfield, and Roger Brookman.



Well, first of all to ye promenescences and other promiscuous thoughts wanders the Lounger's silly brain, to wit: Miss Harriet Lake, many other beautiful young ladies, soothing music, "Is everybody happy," quickly fleeing moments of pleasure, and just another pleasant memory. But, in addition to the happy thoughts that this dance, which is now just another success to be chalked up to the already excellent record of the present Sophomore Class, is the benefit which the other classes may derive from this example of cooperation.

The Sophomores put their energies into this dance just as they have done in their numerous athletic and other conquests, and the result, of course, is appreciated by all who attended the affair. For the benefit of those who missed this delightful evening, class spirit achieves just as much success in the ballroom as on the athletic field.

Then, too, this to the Lounger was just another illustration of how helpful to the spirit after a few weeks of boning, grinding, working (or whatever term you have for it), a bit of relaxation in the form of ballroom maneuvering, entertaining or being entertained by the necessary evils, and imbibing an adequate quantity of alcohol in some more or less indistinguishable form, can be. And what a relief that certain type of curve can be, after an overdose of boiling point, volume, power, statistical and other pesky varieties.

The Juniors promise to give us a Prom that is a Prom, and everyone is hoping and expecting that this, the climax of the Class's activities, will be one of glory for the Class of '33. Which exhortation leads us to the most perplexing problem of the hour, aside from Baby Lindy: "Who will be the Prom Girl?" As the gentlemen of the Prom Committee continue to withhold in their most private vaults the answer to this vital question, the Lounger, who in his snooping aspires to be a Winchell, will endeavor to solve the unknown equation. He hopes his divining nature will enable him to divulge this much desired identity before the eventful Friday evening.

Vertical Parking Machine Installed At Chicago Loop

Mayor Cermak Believes It to Be Great Solution For Parking Problems

How would you like to drive your automobile off a congested street into a small room, to step down from the car, press a button, and have it automatically park out of the way of active traffic, fire hydrants and over-conscientious policemen? Do you look forward to the time when you can safely and conveniently leave your car right in the heart of a busy modern city? Science has made this possible.

Westinghouse now announces the development of a new control unit for a vertical parking machine capable of storing two dozen or more cars over a ground space only slightly larger than that occupied by an ordinary two-car garage. Several of the machines have been in successful operation at the Company's East Pittsburgh Works for more than a year. The first commercial installations recently opened in the Loop district of Chicago.

Push Button Control

Push-button control was designed and built for public commercial use. The two Chicago machines mentioned above accommodate 48 automobiles at one time. Built entirely of steel, they rise 105 feet from the street level, and occupy a ground area of only 32 by 24 feet.

How Machines Work

Here is how the devices are operated. As the patron drives into the small garage, an attendant pushes a button which opens the door of the parking machine, and motions him to drive onto the empty waiting cradle. He does so. Safety appliances prevent the mechanism from functioning while the doors are open and he is inside. Stepping out of the enclosure, he throws a small hand lever which causes the doors to close, makes his car rise, and brings an empty cradle into position for the next customer. At the same time, the driver receives automatically a card indicating the number of the cradle and the time of parking.

On his return, the motorist presents his card to the cashier, pays for the storage and walks the few steps to the parking machine. By the time he reaches it, a button pressed by the cashier has brought his car down ready to be driven away.

It is just as simple as that: no bother, no worry, no fuss. Of course, it will be a long while before such machines remove sufficient parked automobiles from the streets to appreciably relieve traffic congestion, especially since automatic parking is not free.

Concerning this machine, the first of its type in the world, Mayor Cermak of Chicago, said: "Every city in the country where traffic congestion is a problem will watch the results of the new development, the most practical solution to the traffic congestion problem that engineers have yet devised."

Now, least in price but not in other respects comes the "Dorm Depression Dance," ninety-eight cents, "No more, no less," purchases one ticket to this little affair, which the honorable Dormitory Committee promises to be up to the usual high standard of their entertainments. Just think, a whole evening of pleasure for less than the cost of ten dances at the Tent, an excellent idea, and everybody is welcome.

Among the other interesting topics of the moment is that of the Sunday afternoon musical concerts. After the reception and appreciation which the first two received, will the Musical Clubs continue these delightful programs? The Lounger hopes that they will.

LYDIA LEE LUNCHEON
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HOTEL KENMORE BARBER SHOP
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Very Convenient For Fraternity Men
490 COMMONWEALTH AVENUE AT KENMORE SQUARE

AWARDS MADE TO HOCKEY PLAYERS

Three Men Wear Straight "T"; Freshmen Given Numerals For Their Work

In recognition for their efforts toward accumulating points for the Engineers, awards were made by the M.I.T.A.A. to men on the varsity and freshman hockey teams.

As winners of the highest athletic award given to members of Technology varsity teams, the following men were presented with the right to wear the straight "T": Thomas W. Regan '32, Richard Cochrane '32, and Joseph Fahey '32.

For having participated in two-thirds or more of scheduled hockey games, the following men were awarded the second highest honor, the "h-T-t": Thomas W. Regan '32, Richard M. Cochrane '32, Joseph P. Fahey '32, Walter Silverman '34, Ransom S. Thompson '34, John A. Hrones '34, Donald Whiston '32, Frank R. Miliken '34, James A. Hayes '33, Roger H. Williams '34, Charles H. Marvin '32, Frederick C. Johnson '34, and John A. Finnerty '32.

Freshmen showing meritorious work on the freshman hockey team were awarded the regular award for freshmen, their class numeral. Yearlings given this award were: John H. Colby, Ernest A. Johnstone, Morton M. Jenkins, George H. Forsberg, John P. Mather, Paul W. Daley, Edward C. McCarren, Frederick D. Mathias, John A. Miller, James J. Monagle, and Robert Spaulding.

As We See the MOVIES

LOEW'S STATE

"Polly of the Circus"

At the State this week we have Marion Davies and Clark Gable in "Polly of the Circus." Miss Davies is an extremely talented young woman, whose strong point is light farce comedy, like "It's a Wise Child." She is also highly decorative. Although this new picture is supposed to be a comedy, we failed to see anything funny in it. Miss Davies deserves better pictures.

The story antedates the movies, having been first done on the stage back in Roosevelt's first administration. It concerns a young minister who falls in love with a circus performer who was injured and brought to his house; breaths of scandal follow, losing of parishes, weeps, dramatics, near-tragedies, and a happy ending. A very innocuous and enjoyable melodrama, if well done.

The trouble is that Clark Gable can neither look like nor act like a minister, no matter how hard he tries; and Miss Davies likewise cannot be convincingly vulgar. The result is an hour and a half of stilted and annoying acting. Occasionally, Miss Davies might have been funny, if the scenario had not called for overdone vulgarity, and we maintain that a circus play that shows no more of the circus than this one does is no circus play. We also wish that a movie director would some day meet a bishop and find out what one looks like.

Besides the feature picture, there is a Laurel and Hardy slapstick, ordinarily good; and the usual newsreels, Micky Mouse, and so forth. However, we are forced to conclude that the show is not worth the price of admission.

C. W. S.

R.K.O.-KEITH'S THEATER

"Sunshine Susie"

"Sunshine Susie," British film being shown at R.K.O.-Keith's this week, has the same comic and romantic plot as "Die Privatsekretarin," German film which came to the Fine Arts several months ago. This time the story comes from Germany by way of England, with the same star, Renate Muller, in the role of the ambitious stenographer who wins the love of the bank director.

Miss Muller is pretty and pleasingly plump, with just enough of a trace of German accent to harmonize well with the setting of the story, which is laid in Vienna. The success of the picture is perhaps due less to her than to some of the assisting actors, notably Jack Hulbert who, as Hasel the bank doorman, who conducts a male choir in Schultz's beer garden on Wednesday evenings, is easily a show in himself.

R. J. D.

Boxing Team Downs Dartmouth By 4-3 Score At Hanover

Cooper Wins Bout By Knockout To Give Engineers Deciding Point

In spite of the fact that they forfeited both the 115- and 175-lb. matches, the Technology boxers won a 4-3 decision over Dartmouth on Saturday. The bouts were part of a combined boxing and wrestling tournament which featured several professional boxers and wrestlers, and included an exhibition match by Gus Sonnenburg.

Rabinowitz, Dartmouth 125-lb. boxer, was the only Green representative to win a bout when he gained a three-round decision over Bradford. In spite of the fact that he came out on the wrong end of the scoring, Bradford kept scrapping and lost only after a hard, fast battle.

Wetherill Defeats Davies

In the 135-lb. scrap Wetherill defeated Davies of Dartmouth in a match that was almost even. He knocked his man down in the second round to pick up the winning margin that gave the Engineers their first win of the evening. Cary, Technology 145-lb. entrant, gave Douglas a terrific drubbing and did everything but put the well-conditioned Dartmouth scrapper on the canvas.

Dow captured the 155-lb. event from Georgen at the end of a whirlwind first round. After a minute of the customary cautiousness, the two went to work and started a toe-to-toe scrap. Dow soon showed a decided edge and proceeded to knock his opponent down seven times in the course of the round.

Captain Cooper Wins

Captain Peyton Cooper won the meet for the Engineers when he knocked out Sarajian early in the second round of the 165-lb. class. To the onlookers it appeared that the fight entailed only three blows. In the first go, Sarajian landed solidly on Cooper's jaw, and in the second frame Cooper let loose a left hook that sent his man down for the count of nine. Ten seconds later, another hook put Sarajian out for the count and ended the meet.

Saturday will see the boxers' last meet before the Intercollegiate. With this win to their credit, the team will tackle New York University at New York with quite a bit of confidence.

125-lb. class—Rabinowitz (D) won from Bradford (MIT).
135-lb.—Wetherill (MIT) won from Davies (D).
145-lb.—Cary (MIT) knocked out Douglas (D), second round.
155-lb.—Dow (MIT) won from Georgen (D), one round.
165-lb.—Cooper (MIT) knocked out Sarajian (D), second round.

Dr. C. Hocker Leads Second Colloquium Of Electric Series

Will Hold Discussion Concerning Ceramic Products In Telephones

The second of a series of three colloquia given through the courtesy of the Bell Telephone Laboratories by the Electrical Engineering Department on "The Use of Some Ceramic Products in the Telephone Industry," is to be led by Dr. C. D. Hocker, Ceramics Apparatus Engineer, Bell Telephone Laboratories, on March 14 and 15 in Room 10-275 from 2 to 4 o'clock.

Dr. Hocker, who has had direction of the study of ceramic products, particularly pole line glassware and multiple tile conduit, conducted by the Bell Telephone Laboratory, will treat with it as indicated in the following outline:

A. Glass Insulators. Why insulators are important. The available telephone insulators, and the economies of their choice in different circuits. Methods of testing and evaluating insulators.

B. Vitrified Clay Conduit. Development of economical limits for allowable shape defects. Study of ducts and duct curves in relation to cable pulling. Methods of joining conduit.

Etiquette Course

New York University presents a course in "personal development." Temple University offers college credits to students who take a course in "social etiquette," which the *Boston Transcript* classifies as "College Degeneration of Deintellectualization."

FRESHMAN CAGERS LOSE FINAL GAME

Bow To Dummer, Ending Season With One Triumph And Eleven Losses

Technology's freshman basketball team brought a rather unsuccessful season to a close last Saturday evening by dropping a 43-21 decision to Governor Dummer Academy on the latter's court. The yearlings put up a spirited battle in the first half and were trailing by only 14-10 when at half-time. In the second half, however, the Prep School five began to function, and rapidly widened the gap.

Arthur Rosengard, who has featured the freshmen's last three games, was the loser's high scorer, making five field goals and a foul for eleven points. Sarnecki and Mack led the Dummer quintet. The game brought a rather drab freshman season to a close, the yearlings finishing with one victory and eleven defeats.

The summary of Saturday night's game:

Governor Dummer			M. I. T.		
G	F	P	G	F	P
Mack, rf	5	11	Bailey, rf	0	0
Disbro, lf	4	8	Rich	0	0
Cushman, c	2	4	Rosengard, lf	5	11
Lynn	1	3	Doucetta	1	2
Caddoo	0	0	Fitzgibbon, c	1	3
Sarnecki, rg	7	15	Szezechowitz	0	0
Henneberry, lg	1	2	Peterson, rg	0	1
			Wetherbee, lg	1	2
Totals	20	43	Totals	8	21

New T. C. A. Cabinet Assumes Its Duties

T. C. A. Sends Deputations To Speak At Dorchester And Newton

Installation of the new T.C.A. cabinet members took place yesterday at the Tech Cabin. This ceremony marks the supplanting of last year's T.C.A. cabinet by the new one. From now on, the recently-elected cabinet, with E. Arthur Hungerford '33 at the head, will assume full control of T.C.A. activities for the remainder of this year.

Two deputations were sent out by the T.C.A. last Saturday night. The first of these was headed by Shih H. Cheng, president of the Chinese Club, who spoke before the Young People's Society of the churches of Newton. The subject of his talk was, "The Life of Students in China." The other deputation was headed by Carl W. Orleans, G., a post-graduate student here, who spoke before the Young People's Society of Codman Square Church in Dorchester on "The Place of Athletics in a Student's Life."

Dick Bell Comes In Second In The I. C. 4A Contest

Sprinter Leads Field At Start But Is Eclipsed By Man From N. Y. U.

(Continued from page one)

After making fastest time in the trials, Bell entered in the semi-finals of the dash and took first place, making it in 7 2-10 seconds, only 1-10 of a second from the Intercollegiate record for that event, and leading his nearest competitor by over a yard.

Leads at Start

For the finals Bell started off fast, and was leader of the field for all but the last five yards when Weinstein, of N.Y.U., came up with a splendid spurt and won by such a narrow fraction that judges were unable at first to decide the winner. But for the first 65 yards the race was undoubtedly Bell's, and there were six of the East's fastest sprinters behind him.

Among the men that he led were Weinstein, of New York University, who made a last spurt and edged out Bell; Kelley, of Georgetown, who was champion last year on the 70-yard; Hardy and Kane of Cornell, and Spofford, of Yale. Kelley, of Georgetown, made third place in the final, with Hardy and Kane, both of Cornell, coming in fourth and fifth.

M.I.T.'s First Entry in Sprints

This marks the first time that any Technology man has ever entered the sprints of the I.C.4A. meets. And it was thought likely that Dick Bell would show a good account of himself, and he came up to expectations in a way that makes Coach Hedlund consider him the most formidable man for next year's team.

Bell's performances this year have exceeded the expectations of even the most optimistic. His first performance this winter was in the 50-yard dash at the K. of C. Games, in which he won his heat but was beaten out of the finals.

Won at Millrose Games

A week later he entered the 50-yard dash at the Millrose Games at New York; and there, too, he went all right in the trial heats but was again beaten in the finals. His next race netted him the New England Intercollegiate Championship for the 40-yard dash, his time being 4 4-5 seconds.

His stellar performance was run off the same night at the B.A.A. games, where he finished third against the fastest sprinters

Undergraduate Notices

SCABBARD AND BLADE
There will be a meeting of all members of Scabbard and Blade on Tuesday, March 8, at 5 o'clock in Room 3-310.

TECHNIQUE PICTURES
The *Technique* Staff requests that all informal photographs of different activities around the Institute be sent or brought to the *Technique* office at Walker Memorial.

in the entire country, being beaten only by Simpson of the Los Angeles A. C., and Singer of the Millrose A. C. This meet was followed by the University Club Games in which he easily took off the 50-yard dash from the pick of the eastern colleges. In addition to his work in the sprints, Bell holds several field and Institute records in other events.

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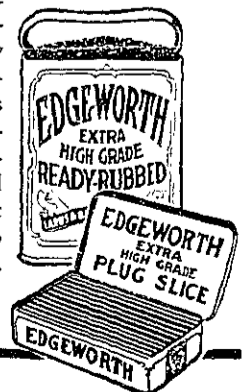
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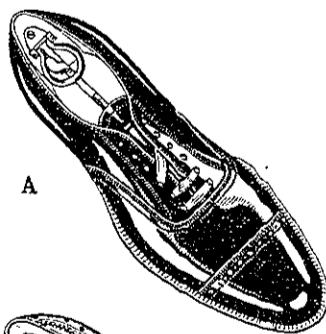
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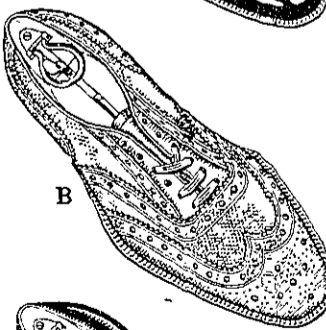
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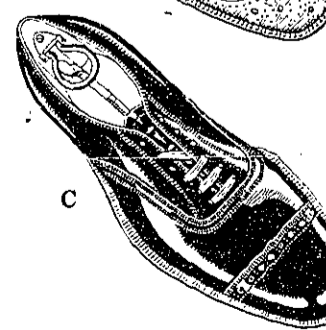
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OFFICIAL BULLETINS OF GENERAL INTEREST

The Development of Modern Rock Drills Mr. George H. Gilman
Monday, March 7, 3.00 p.m., Room 8-319

Mr. George H. Gilman, Director of the Rock Drill Division of the Worthington Pump and Machinery Corporation, will give an illustrated lecture on "The Development of Modern Rock Drills."

Open to students and members of the instructing staff.

Physics and Physical Chemistry Harvard University and
Massachusetts Institute of Technology

Monday, March 7, 4.45 p.m., Cruft Lecture Room, Harvard University

1. "Time Lag in the Faraday Effect." Professor H. B. Phillips (M.I.T.).
2. "Emission of Electrons by Caesium Ion Bombardment." Miss Monica Healea.

Tea served at 4.15 o'clock in Library of New Physics Building.

Tuesday, March 8, 4.30 p.m., Room 4-270

Lecture on "X-Ray Scattering and Molecular Structure," by Professor P. Debye.

Wednesday, March 9, 3.00 p.m., Room 4-402

Theoretical Seminar for Graduate Students. Professor P. Debye will talk on Ionic Forces in Electrolytes.

Wednesday, March 9, 4.30 p.m., Room 4-270

Lecture by Professor P. Debye.

C·A·L·E·N·D·A·R

Monday, March 7

3.00 p.m. — "The Development of Modern Rock Drills." Mr. George H. Gilman, Room 8-319.

Tuesday, March 8

4.30 p.m. — "X-Ray Scattering and Molecular Structure," Professor P. Debye, Room 4-270.

5.00 p.m. — A.I.E.E. Dinner in North Hall of Walker Memorial.

5.10 p.m. — Christian Science Lecture by Stanley R. Ross in Room 5-330.

7.30 p.m. — Meeting of Beaver Club Initiates in West Lounge of Walker Memorial.

GYM TEAM DEFEATS TEMPLE AND N. Y. U.

Ericson Ties Institute Record In Rope Climb at Philadelphia

(Continued from page one)

the tables were turned, Grant and Schwid of the University winning over Bissell of Technology.

Technology was able to make first and third places, respectively, on the parallel bars, Ericson scoring 587 points and Treadwell scoring 530. In between them came Grant, top man for N.Y.U., with 555. In the flying rings event, first and second places were marked up by the Engineers, Lawsine and Treadwell taking the first two places, followed by Grant, of N.Y.U.

With N.Y.U., Flaitz was the only Beaver to place in Tumbling, being followed by two of the New Yorkers, Beman and Nordlucht.

Ericson Sets Record

In this part of the meet came the try in which Ericson set up an Institute record of 4 4-5 seconds for the rope climb. Next best was Mansar, of N.Y.U., and Flaitz, of M.I.T., who was able to make the distance in 6 1-5 seconds.

The total score of the above meet was 34-20. More stiffly contested, however, was that part of the meet against Temple, in which the Institute was victor by 29-24. In this side of the triangle, four first places and two second places were taken.

Scoring first in the high bar event, Getting made 372 points, followed by 365 and 317, respectively, for his nearest opponents. Technology fared just the reverse in the side horse, taking second and third places in the forms of Bissell and Getting, and letting Temple walk off with first place in Ballin's making 395 points.

Scoring first and only place in the first three in the parallel bars, Ericson beat down Ballin and Brod, of Temple, setting a mark of 414 to his opponents' 398 and 341.

Engineers Win Flying Rings

On the flying rings first two places were captured by Engineers, Lawsine scoring 385 and Treadwell making 368. Just under Treadwell came Webb, of Temple, with 366 points. The opposite was the case in the tumbling event, Flaitz losing this to Wrechee and Tontl.

Ericson won the first place in the rope climb, hitting the pie-pan in 5 1-5 seconds.

A summary of the tri-meet follows:

Horizontal bar—Won by Getting (MIT), 372; second, Webb (T), 365; third, Bros (T), 317.
Side horse—Won by Balen (T), 395; second, Bissell (MIT), 378; third, Getting (MIT).
Parallel bars—Won by Ericson (MIT), 424; second, Balen (T), 398; third, Bros (T), 366.
Flying rings—Won by Lawsine (MIT), 385; second, Treadwell (MIT), 368; third, Webb (T), 366.
Tumbling—Won by Wrechee (T), 386; second, Tontl (T), 363; third, Flaitz (MIT), 337.
Rope climb—Won by Ericson (MIT); second, Brod (T); third, Flaitz (MIT). Time—4 4-5s.

Institute Radio Society Listens To English News

Lindbergh Baby Kidnapping Is Reported Featured In English Papers

In contact with an amateur station in England, the station of the Technology Radio Society, WIMX, learned that English newspapers were featuring the news of the missing Lindbergh child. Conditions for European contacts have greatly improved this week on 14 megacycles, the band on which the English station was contacted. The second part of the International Good Will Tests are scheduled for next weekend. WIMX has prepared for the coming event by constructing an automatic code machine which will send out the necessary test message for the four-hour sending periods which are alternated with two-hour listening periods.

The machine that takes the place of the operator is novel in its constructional details; an electric motor drives one shaft of what was an alarm clock by means of a rubber band (because the mechanical advantage is so high). The purpose of the clock is to reduce the speed of the motor to about one revolution per minute so that the disk which is revolved at this speed will send the code which is filed on the periphery at the proper slow speed.

Compton Predicts Doom of Industry Without Research

Attributing Modern Civilization To Scientific Study In Radio Address

(Continued from page one)

great as it is, had not Dr. Langmuir made the invention based on his research.

Quotes Michael Faraday

"My Lord, some day you can tax these things," was Faraday's answer to the King when the latter queried him concerning the value of his experiments on the interaction of electricity and magnetism," said President Compton. "When we think of the electrical industry and the tremendous service of the public utilities at the present time we can see how prophetic was this reply of Faraday," he said.

Increasing Attention to Research

The following facts were cited by President Compton to demonstrate the increasing attention which is being paid to research in industry. "If the prosperity of various lines of business is examined as listed in the business index or financial rating of industrial organizations, it is strikingly demonstrated that those industries in which research has been a prominent activity are as a group at the top,

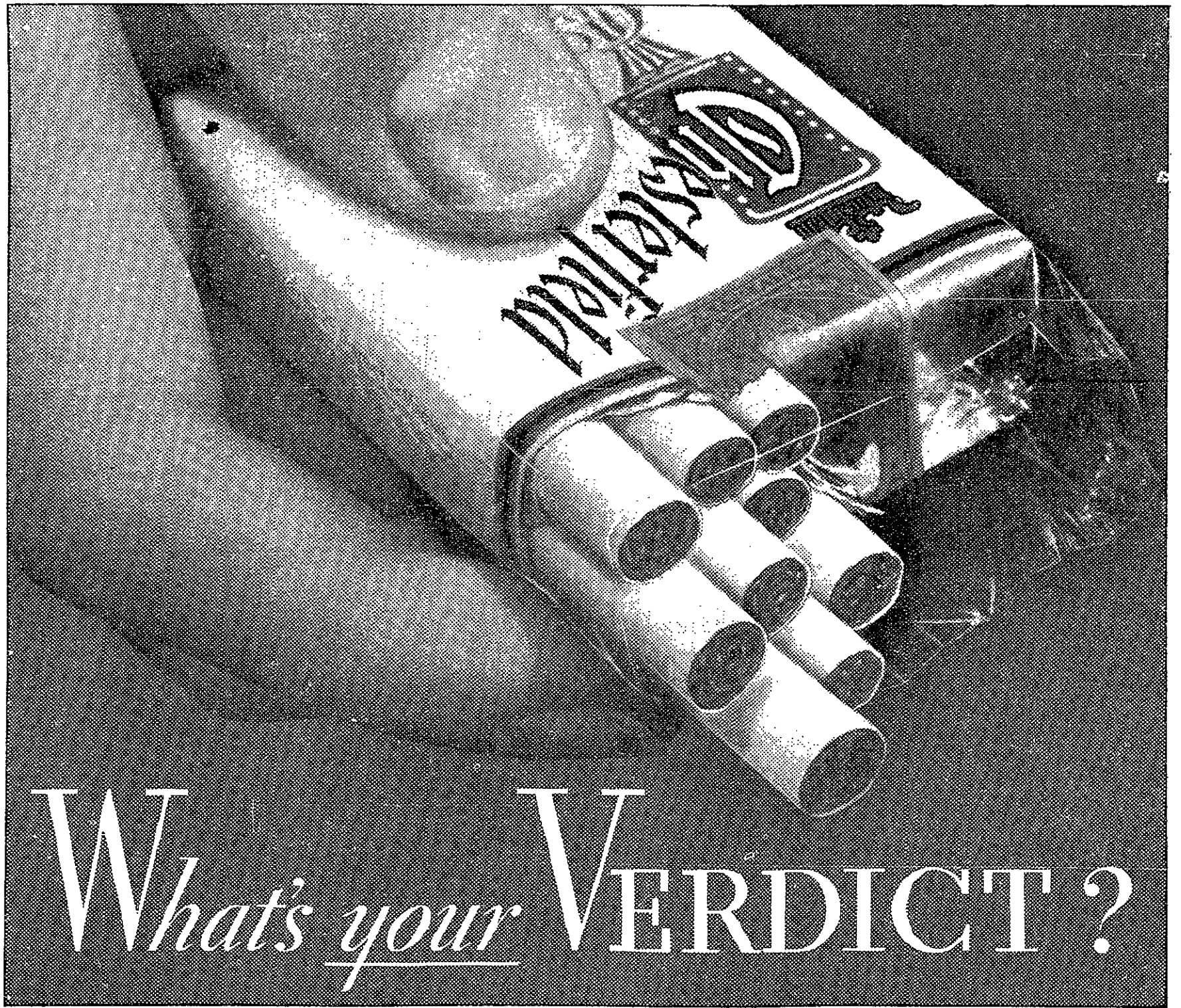
whereas those industries in which research has played a very minor part are as a group at the very bottom of the financial rating. The speaker pointed to the results of a survey which shows that "Whereas budgets for almost all services have been reduced for the year 1932, the budgets for research have actually increased to the highest figure in history." Concluding his speech, Dr. Compton claimed, "Research has now become an absolute necessity, not only to develop business but also as an insurance to protect it."

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