



# Armour Tech News



Vol. XV No. 5

Armour Institute of Technology, Chicago, Illinois

Wednesday, March 20, 1935

## SIDELINES

By Paul Schultz

THE YOUTH who has just completed a four year's university course in 20 months has given an example of well directed and concentrated intellectual effort which may not arouse enthusiasm in the student body, but deserves some respectful attention in that quarter. No doubt he has special abilities not widely bestowed, as for example, the faculty of reading rapidly, which, with a retentive memory, enabled him to cover and retain a good deal more material in a given time than the average run of student.

THERE HAVE BEEN, and are, individuals who are gifted with a mind which grasps quickly and retains the subjects brought within its scope. Theodore Roosevelt, it is said, could get the gist of a page at one rapid glance, and when we read of the erudition of great scholars we suspect them of having this faculty. But making allowances for this advantage, if the young man has it, we prefer to ascribe his accomplishments in the main to merits which any one may cultivate. He does not seem to be dry-as-dust, but rather has a healthy range of interests belonging to a normal youth, and he took part in many school activities. He was a varsity debater, a member of the debate union, president of the Cosmos Club, a member of the Chapel Council, contributor to the student magazine, and a Rhodes scholarship candidate.

WHAT HE did not do was wool-gather and waste time. Most of us do a lot of that when the spur of necessity is not on our flanks. Emerson, in one of his wisest moments, said that every man is as lazy as he dares to be. We suspect a good many young men and women in the higher institutes of learning could get through their college course in shorter time and in a much better manner if they would make the effort of concentration in study, and they would still have leisure for the pleasant activities of student life.

HOWEVER, here as always there is another side of the story. That the young man worked himself to the brink of a nervous breakdown offers a warning, not much needed, perhaps, by the run of collegians, though it is worth his attention and that of all other earnest and ambitious students. Regardless of the advantages and the rewards which might be derived from such an accomplishment, the fact that his health was impaired distracts and seemingly makes the project a failure. For no matter what good was derived is more than counter balanced by the bodily harm which he inflicted upon himself. Another warning suggested by his accomplishments is not so obvious, though it ought to be. No doubt his instructors have often reminded him that learning is not wisdom, that reading without reflection is sterile, and knowledge without the ability to apply it is useless.

## Annual Dance to Be Held by Honoraries

The first meeting of the honorary interfraternity council was held in the Tau Beta Pi rooms Wednesday, March 13.

The main purpose of the meeting was to discuss and make plans for the interhonorary fraternity annual dance. After much discussion, the date finally decided on was April 26.

This year an invitation to the dance will be extended to the Honor "A", lettermen society. They have also made plans to contact the alumni and invite them to the dance.

The council is contemplating the selection of an orchestra and location for the dance. A decision is expected at an early date.

## Deadline Set for All Cycle Pictures

Any graduating Seniors who have not had their picture taken for the 1935 Cycle will be given until March 26 to do so. This extension has been made so that the twelve who have not been photographed may still have a chance to help make the Senior panels complete. All others who have not returned their proofs to the studios are urged to turn them in at once. May 1 will be the last day on which seniors may order composites.

Members of social and honorary fraternities and class officers who have not had pictures made for the Cycle should take care of this matter by April. All that is necessary is to go to the Marshall Studios, located at 140 N. State Street. There is no charge to these men.

On Wednesday, March 27, and Thursday, March 28, group pictures for the annual will be taken. The schedule of times will appear on the bulletin board and in next week's Tech News.

## Sophomores Plan to See Physics Museum

How much horsepower can you develop? If you are interested in finding out, you have merely to accompany the sophomore class on their trip to the Physics Museum of the University of Chicago, which will take place Friday, March 22, from nine until five o'clock. The entire sophomore class is attending, and Physics classes and laboratories will be excused for the day. Any one who wishes to attend is welcome. The museum is located in Belfield Hall, with entrances on Kimbark avenue, between 58th and 59th streets, and can easily be reached by the 55th street car line.

Among the many experiments to be exhibited, the more popular ones are Michelson's determination of the velocity of light, determination of the weight of the earth, and an experiment on discharge in gases. On the trip last year a feature which attracted much attention was a device which measured the horsepower which a person is capable of developing. The exhibits at the museum cover all branches of physics, including electronics.

## Polo-Americans Tie Armour Chess Team

In a return meet with the Polo-American Chess Club on Thursday, March 14, a total of six games were played, each club winning three. Last semester, at a meet held at Armour, the two clubs also played to a draw. The scores of the meet were as follows:

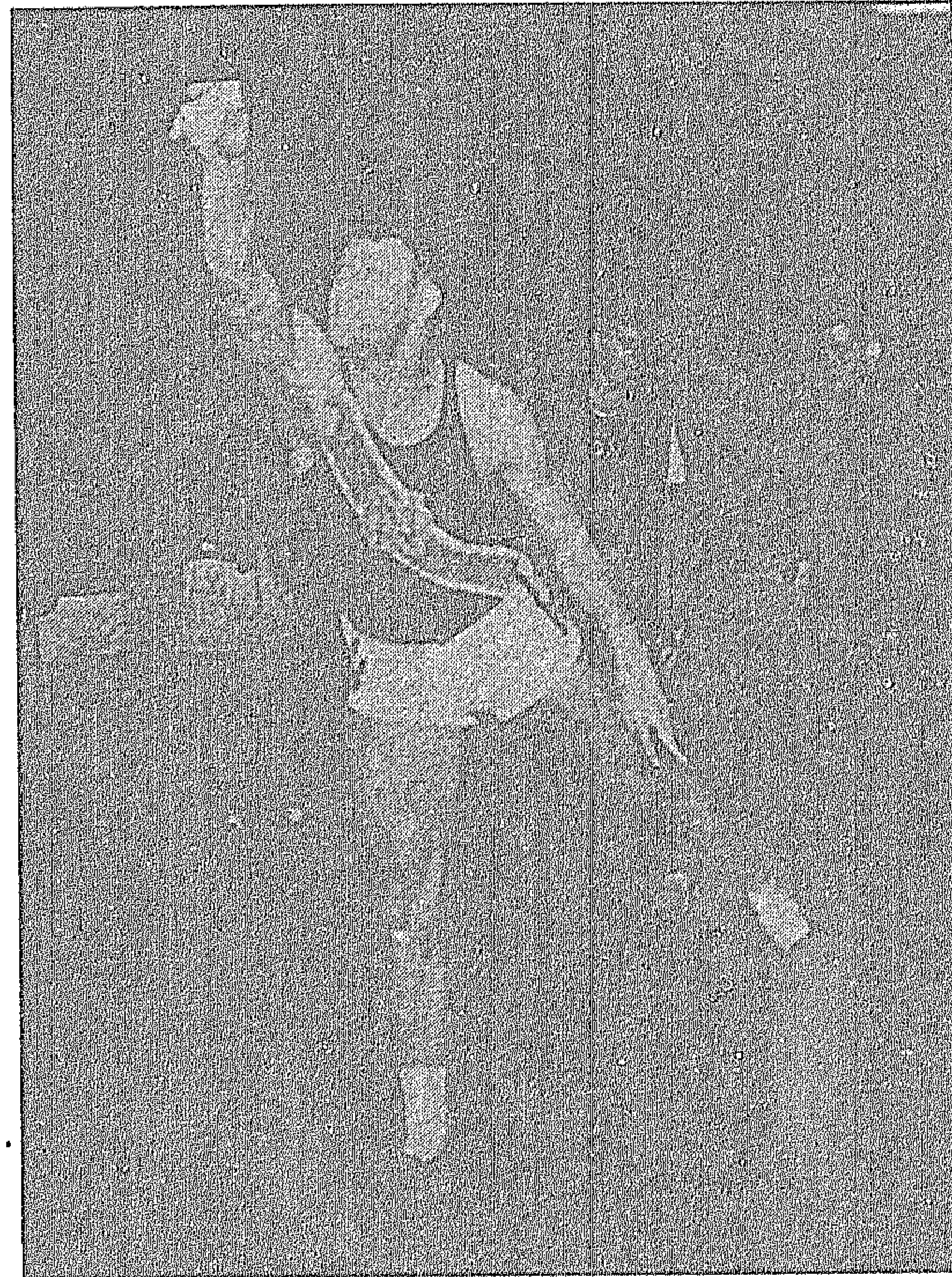
| Armour             | Polo-American     |
|--------------------|-------------------|
| B. Wilhelm . . . 1 | F. Kus . . . . 0  |
| R. Hella . . . . 0 | E. Kolodziej. 1   |
| E. Hurd . . . . 1  | B. Migala . . 0   |
| G. Vidlak . . . 1  | M. Migala . . 0   |
| S. Zevin . . . . 0 | E. Strugaia . . 1 |
| D. Schideler. 0    | T. Wiatr . . . 1  |

The Armour Chess Club has entered the Collegiate Chess Tournament, which is being conducted under the auspices of the Illinois Chess Association. The following schools have also entered teams: Northwestern University, Wright Junior College, University of Illinois, and the University of Chicago. The Armour chess team is scheduled to play Northwestern in about two weeks.

## Radio Station W9YW Practically Completed

Armour's amateur radio station, W9YW, is about to be on the air. New apparatus, consisting of two power transformers, has been donated by an Armour alumnus, Mr. Murphy, of the Utah Radio Co. The electrical wiring has been practically completed, and the power supply unit donated by Professor Swineford is soon to be installed. For the benefit of prospective Armour "hams," code classes are held every Friday at 3329 Federal Street at 2 p.m.

## ALMOST A CHAMPION!



HEAVE HO—OR words to that effect—and Don Elser, Notre Dame star gives the iron ball a real shove. As one of the competitors in the Seventh Armour Invitational Relay Games, Elser broke the record in the semi-finals only to have Davis of Hillsdale, former champ, come back in the finals with two inches more. Present mark 48 ft. 4 in.

## Szzt—Spark—Sputter, and Chemical Students Get Shock of Their Lives

By R. Weismann

Chemical engineering students are nice to look at from a distance, but they are dangerous when approached too closely. Not content with causing unholy odors and blowing up glassware with devilish glee in their own lab, a group of the aforementioned perpetrators of atomic disturbances had the presumptuous audacity to carry their nefarious operations into places where such practices are looked upon with less tolerance. One might believe that in the absence of their beloved test tubes and beakers the chemicals might act in a civilized manner and refrain from making nuisances of themselves by splattering themselves all over the wall, or, what is worse yet, splattering innocent bystanders, whose only sin lies in being near a chemical laboratory. But not so. A chemical is a chemical, and it takes more than an electronics lab to offset this fact. The gods are kind, but they are just. Even a chemical engineer can not mock the fates with impunity. In a chem. lab they might get away with a lot, and they might be lucky, but playing with electrons in a state of extreme agitation is something that is confined to those who are capable, like the electricals.

"I guess I'll connect the plate lead

## Professor Talks at Local Junior College

Professor J. C. Peebles, of the mechanical engineering department, spoke to a group of two hundred engineering students last Wednesday at the recently opened Wright Junior College. This college, which is located on the northwest side, offers two year courses in engineering. At present, all of the students in the engineering courses are freshmen.

Many junior college students continue on to other engineering schools upon completion of the two years course, and a number of these usually find their way to Armour.

Professor Peebles presented his talk in such a way as to give these students some general knowledge of engineering, such as the different courses offered and the qualifications of a successful engineer.

## THREE RECORDS FALL; ONE TIED IN SEVENTH RUNNING OF ARMOUR TECH RELAYS

Tech Runners Victors in Own Meet for First Time; Take Medals in Sprint Medley

THIRTY TEAMS ENTER SCORING COLUMN

## 'Red Robe' Will Be Spring Production

Having selected as their next play "The Red Robe" by Brieux, the Armour Players are now trying to decide whether it should be presented at Armour Mission or at one of the downtown theaters. Since this is their first four act presentation since the successful "Romancers" of a year ago, the players want to have a theater which, while not too expensive, will still accommodate all the Armour students and their friends.

There will be about fourteen characters in the play, five of them probably being women. One of the women's parts has already been assigned to the young lady introduced to the Armour Players by their stage manager, Michael Pantone. She has had previous dramatic experience, including several years with the Hull House Players.

The play is about an ambitious young lawyer who prosecutes a man he believes innocent. Four acts and three scenes dramatically reveal the troubles into which this man's conscience plunges him.

Tickets will be on sale at an early date; students are invited to bring their friends and relatives.

The two plays which the Players presented a short time ago brought in sufficient money to cover expenses and debts, so that the equipment which has been used to make the plays more complete and realistic is all paid for.

## Math Club to Hear Talk on Nomographs

Next Friday at 3:30, Mr. W. W. Garstline of Wright Junior College will read a paper on "Nomographs" before the Math Club. This meeting will be held in Science Hall, and a large attendance is expected.

The meeting is held at such a late hour because the speaker cannot be here in the morning; besides, the hour will leave ample time for discussion following the reading of the paper.

Recent investigation has disclosed the fact that Nomographs are extensively used in industry and should therefore be of special interest to students at Armour. In one case, an Armour alumnus, who had studied Nomographs while an undergraduate student, obtained a job in which he supplies all the Nomographs for a large industrial concern on the South Side.

## Frosh May Enforce Green Cap Wearing

Dean Heald and representatives of the sophomore and freshman classes held a discussion last Thursday in connection with the wearing of green caps.

During the discussion, arguments were presented on whether or not the freshman class should wear this top-piece and help establish a tradition. A vote was taken on this question at the freshman assembly yesterday. The sophomores have agreed that if green caps are to be worn, the freshmen can in some manner see that they are worn one hundred percent. If the freshmen fail, the "sophs" have other plans.

Other ideas pointed out are that "brawls," such as occurred last semester place too much emphasis on the green caps, with the resulting diversion from the day's principal occupation. Injury might easily result. Such early anticipation of Junior Week might work toward the abolition of this event altogether.

The biggest track event in the sports history of Armour came to a successful conclusion with three record breaking performances last Saturday evening. In keeping with the size of the meet was the record-smashing crowd of 2500 spectators who turned out to completely fill the stands. 400 athletes joined in the games to make the whole meet a highly satisfying evening's entertainment.

First Place: Armour Tech! Perhaps the portion of the games best liked by the Armour fans was the sprint relay that was won by four of our own men. Neal, Dunbar, Neuert, and Nelson were the runners who contributed the good work to give Armour its only first in the meet. George Nelson, running the 880 as his part took the baton in fourth place and strided past his competitors one after another in an exciting race to finish with a comfortable lead.

The first record breaking came in the prelims of the shot put when Don Elser of Notre Dame put the ball 48 feet 2 inches to better the previous record of 47 feet 7 1/2 inches, set by Davis of Hillsdale. But Davis came back in the finals to top Elser's mark by two inches and break his own record by almost nine inches.

New Mark in Pole Vault Although the pole vault was one of the first events to start the evening off it continued through the whole meet until the field of 23 had narrowed down to Wonsowicz of Ohio State and Seely, of Illinois. The bar was raised inch by inch till only Seely was left, trying to better himself at each mark. The final result turned in was 13 feet 5 1/2 inches, 5/8 of an inch better than last year's record.

An interesting race was the distance medley made up of four men from each contestant college, the first running one-fourth mile, the second one-half, the third three-fourths, and the last, one mile. Michigan State had the win in their laps from the first man, and the passing of time just made it more certain. Each succeeding State man increased the lead until the last man, running the mile, was better than a lap and a quarter ahead of the man in fourth place. Their mark stands as a record since the event was introduced this year.

Pitt Cops Feature; New Record The final and feature events, the mile relays, brought plenty of interest and a new record. In the college division it was anybody's race with all the runners bunched. Armour held second place behind Illinois State Normal until the final lap when Michigan Normal forged ahead to win.

In the university relay it was even more interesting with the contestants putting every ounce of energy

(Continued on page 4)

## New Students to Be Contacted by Alumni

At the present time, a project is under way to enlist the alumni's cooperation in obtaining fit students for Armour Institute. The plan is to contact alumni living in large cities within a 500 mile radius of Chicago and to encourage them to stimulate interest in Armour among local graduating students. In this way, it is hoped that a greater number of students will be attracted from outside of Chicago with an increase in the enrollment of freshmen at the Institute. A large map of the area is being drafted for the purpose of contacting large towns.

| THIS WEEK  |  |
|--|--|
| Wednesday, March 20, to Monday, March 25   |  |
| Thursday—  |  |
| Chess Club, 12:20 p. m.; 4th floor, 1st entrance Chapin.                                       |  |
| Glee Club, Assem. Hall, 5 p. m.  |  |
| Chicago W. S. E.; Engineering Building; 7 p. m.  |  |
| Friday—  |  |
| Physics exhibit; 9 a. m.-5 p. m.; Belfield Hall, Kimbark Avenue between 58th and 59th streets. |  |
| Fencing; 10:30 a. m.; Assem. Hall.   |  |
| Math Club; 3:30 p. m.; Sci. Hall.  |  |

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Academic Freedom

As a precaution against fire, a rule of the Institute forbids smoking in the buildings, except in the Student Union. In spite of the obvious reasonableness of this regulation, there has been an increasing disregard of it lately, perhaps through forgetfulness, but certainly not through any feeling against the justice of the rule.

Armour students do, in fact, enjoy an exceptional freedom from official regulation, more so than they realize. If they were a little more conscious of their freedom, they might be a little more proud of it; although with all their unawareness, there is evidence for the assertion that the majority of them will react very strongly to any abuse of their privileges by a few.

The dramatic performance presented recently by the Armour Players was received by the audience in a perfectly normal and gentlemanly manner, which is as it should be. But in several previous performances this was distinctly not the case. The change, while attributable to the combination of a number of influences, was due in no small part to an aroused feeling of indignation among the student body in general, including, in particular, a number who are not the sort to frown, say "shush," and sit still when they see a minority behaving in such a manner as to discredit the entire school.

There is, of course, not much of a parallel between this case and the matter of smoking in the buildings; the latter will probably cease with a mere reminder. But we might all do well to reflect on the amount of individual self-government which we enjoy. Were the value of our privileges a little more appreciated, some obvious means of retaining them might be suggested.

Publicity

The latest "Relays" was the largest and perhaps the best of the whole series, and it leaves us all with the feeling that the meet is not only a going, but a growing proposition, whose importance to Armour Institute, already great, is due to increase with the years. In particular, there is one point about the relays which has not been mentioned before, although many students, have, perhaps, remarked it. This year's meet received quite a bit more notice in the daily press than has been the case in other years. The increase was due, almost directly, to the efforts of Leroy Beckman, student publicity director, and to the wisdom of the school administration in creating that office. Publicity is now a recognized need for every college, and for Armour in particular, with its expansion program just getting under way.

Every Armour student, and in fact, every one who knows anything about the situation, must

"The Slipstick"

Cleave to "The Slipstick": let the Slapstick fly where it may.

The attorney for an electric light company was making a popular address. Warming up to his subject he cried, "Think of the good this company has done! If I were permitted to pun, I would say in the words of the immortal poet—"Honor the Light Brigade."

"They're off!" shrieked the monkey as he stuck his toes into the lawn-mower.

What mixture is this that defies chemical analysis? That has driven scientists to mental paralysis?

What strange concoction may this be? Most despised outcast of gastronomy?

A mixture of the animal and the vegetable world, Its challenge at analysis to science it has hurled.

To the solver of this mystery, comes fame, rank and cash. This puzzler of the centuries is simply known as hash.

Prof. Van Atta: How can we make all the water run out of a burette and not leave any sticking to the sides? Brilliant froth: Grease the sides.

He: "Mr. Smith, your mouth is open." Him: "I know it. I opened it."

A man is as fat as he seems, but a woman is as fat as she wants to seem.

TSK, TSK—

"I notice that your hair is all mussed up. Did he dare to kiss you against your will?" "Uh-hm-he thought he was."

PUNY PROVERBS

Great corns from little shoes grow. People in glass houses should address in the basement. Co-eds proverb—Better the lips be calloused than the feet. Absence makes the grass grow longer. East is east but West is in the movies. A rolling stone gathers no moss, but it gets places in a helluva hurry.

DEPRESSION PROVERBS

God help the rich; the poor can get jobs with the C.W.A. Enough for a man to love to hope to work. God help the rich the poor don't get kidnaped. G. A. P.

A girl may momentarily lose her head during a kiss, but the boy-friend often loses his liberty forever.

VOICE OF EXPERIENCE

"I'm going to stop smoking and drinking and be like you." "Congratulations. When are you getting married?"

A group of pickled politicians lurched out of a night club and set out on their precarious journey homeward. After traversing several blocks, they stopped before a large mansion and held a heated and hiccuppy conference. Finally one of the heavily-burdened broke away from the group and essayed the job of climbing the mansion's seven stairs. After several unsuccessful attempts he reached the door and, bestowing a woozy grin of triumph on his friends below, pushed the bell-button half way through the wall. Immediately a window was opened and a feminine voice yelled,

"What in the h--- do you want?" The bleary one below answered with angelic sweetness, "Ish dish Missish—hic—Shmith?" "YES!! What do you want?" "Will you pleesh come down and—hic—pick out your husband. The resht of ush want to go home."

Every author must dedicate at least one book to his wife—his check-book.

"Can you crawl on your hands and knees?" "Sure I can." "Well, don't do it. It's babyish."

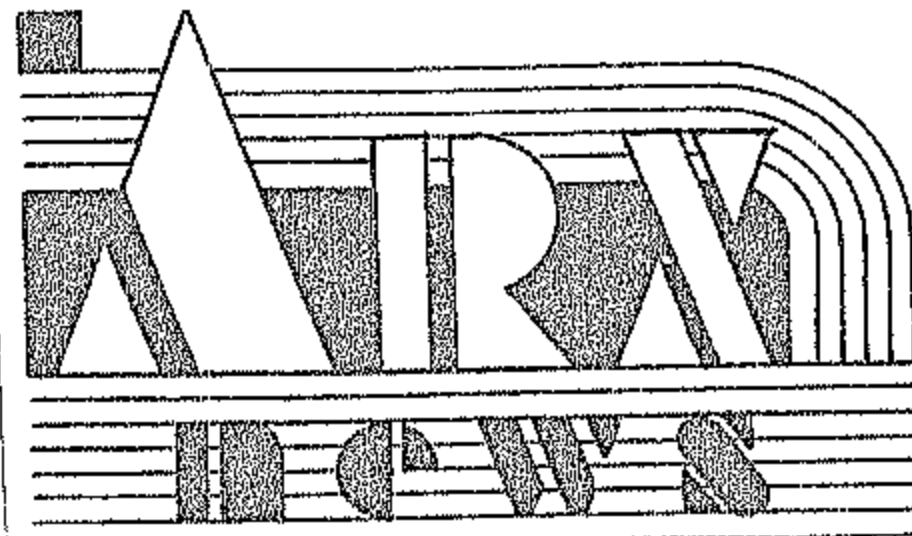
Drunk (lying on the sidewalk): I'll climb dish wall if it takesh me all night.

I would love to be a poet like Burns, Masefield, and Keats. All I need is talent and aloofness toward all "cats."

E. J.

feel that Armour's forty years of service to Chicago and the Middle West are not going to go unappreciated, that better things are in store for us. In this we have faith, and faith is a beautiful thing. But it pays to advertise.

In former years, Armour's public policy appears to have been one of aloof self-sufficiency. All that is changed, and we may expect to see further changes for the better.



The seniors found themselves in the Billings Memorial hospital yesterday. Don't be alarmed, for they weren't in an accident; and don't be cynical, because they have no designs about beautiful nurses; but rather, they were there to study hospital planning in connection with their current project, "A Research Hospital."

Sholto SPEARS must have been in an exceptionally philanthropic mood last week for he passed out quizzes right and left. First the seniors in Concrete and then the juniors in Steel bit the dust. Being somewhat of a cross between a senior and a junior, yours truly caught it both ways, therefore giving us some reason to believe that the word PHILANTHROPIC in a sentence above was MOST improperly used.

The CYCLE art staff with Wally SOBEL as director, is busily at work to give ARMOUR a very stunning year book for 1935. Of course, George WHEATON, the editor doesn't acquiesce to everything that is suggested, but on the whole, there is considerably less friction than one would expect between architects and an engineer.

A bit of the week's most sensational news comes from Vic CHIAPPE, who very accidentally found himself in an embarrassing situation the other evening as he left school. In fact, one might say he was between the devil and the deep blue sea, for he was in the midst of a little gun-battle between two officers of the law and a gunman, who were shooting it out from opposite sides of Adams St. Says Vic, "If I moved, I'd be suspected as an accomplice (which he wasn't), so I just stood still, hoping that a stray bullet wouldn't floor me."

Ive ADDIS and Stew GRANGER did some mighty high-class NIGGERING for Bill McCAUGHEY on the General Electric Small Home competition. Let's hope that any cash awards that they share won't hurt their amateur standing (if any).

Fraternity Notes

TRIANGLE

Armour chapter of Triangle fraternity takes great pleasure in announcing the initiation of: W. C. Brown, E. E. '36 J. G. Reuter G. E. '38 Brother Smith of the Class of 1934 is now living at the house. He is studying for his Master's Degree which he hopes to receive this June. Last Saturday night the fellows and their girls went to the track meet after which they proceeded to the house for a radio dance. Refreshments were served.

Saturday we intend to have another dance. Plans have also been made for an alumni smoker and an alumni dance. The dates for these haven't been decided upon as yet.

PHI PI PHI

It is with great pleasure that Gamma of Phi Pi Phi announces the formal initiation of the following men:

Claire Dunbar '38 Jack Gregory '38 Frederick Widell '38

The chapter wishes to take this opportunity to congratulate Brother Warner on his election of co-captain of the basketball for the coming season.

Our National Executive Secretary, Brother Otto Kuehn paid the chapter a visit last Thursday night.

Brother R. Stellar, representing the U. S. Engineer's Office, spoke before the Armour branch of the W. S. E. at their last meeting.

To celebrate Brother Steuchell's birthday, a Splash Party was held at the house last Thursday night. A good time was had by all, especially by Brothers Merz, Phelan, and Trzyna.

BETA PSI

An orchestra dance will be held at the house Saturday, Mar. 23, in honor of St. Patrick.

Armour Faculty Club Appoints Committees

In order to keep the Faculty Club running at its usual efficient rate, the following committees have been appointed: the House Committee, Loan Committee, Cigar Committee, and Admission Committee.

Professors Peebles, Kelly, Hammet, Spears, Snow, and Thompson comprise the House Committee, while Professors Freud, Nash, and Thompson are members of the Loan Committee.

The Cigar Committee consists of Professors Perry, McCormack, and Harris. Professors Penn, Davis, and Locking are the members of the Admission Committee.

Twelve Initiated Into Armour Campus Club

On last Friday, twelve men were initiated into the Campus Club. The dozen were R. Beardsley, J. M. Birdsong, K. Endert, I. Evanoff, Felt, J. Hasse, K. Magnuson, Richter, G. Stober, J. Styrsky, C. Vendley, and F. Westerman.

Ray SCHWAB and R. Bruce TAGUE, who have already been ousted from the ranks of amateurs because of their prize on the WGN Studio competition, also submitted two solutions apiece for the G E prize.

Mr. F. HRACHOVSKY, who hails from points east, that is to say somewhere in CZECHOSLOVAKIA, and who is now a full-fledged junior ARCH, exhibited some of the drawings he did while a student at a university in his native country. And fellows, you can sit up and take notice because here's a draftsman of no mean ability. He must have used some kind of a magic ruling pen to draft as he did!

EAGLE EYE.

Graduate Students Design Power Plant

At the suggestion of Professor R. V. Perry, Mr. J. Clear, '32, and Mr. B. Wolgemuth, '31, two graduate mechanicals, are designing a power plant for a small municipality.

Professor Perry presented the problem to the two graduates as a typical consulting engineer job with the supposition that a small municipality desires to operate a generating plant from public funds. With these instructions, Mr. Clear and Mr. Wolgemuth are attempting to find the most economical and efficient design.

At about 8 P. M., the peak demand load of the generating units is to reach 5000 KW. They have decided that 1000 KW, 2000 KW, and 3000 KW would give the highest efficiency.

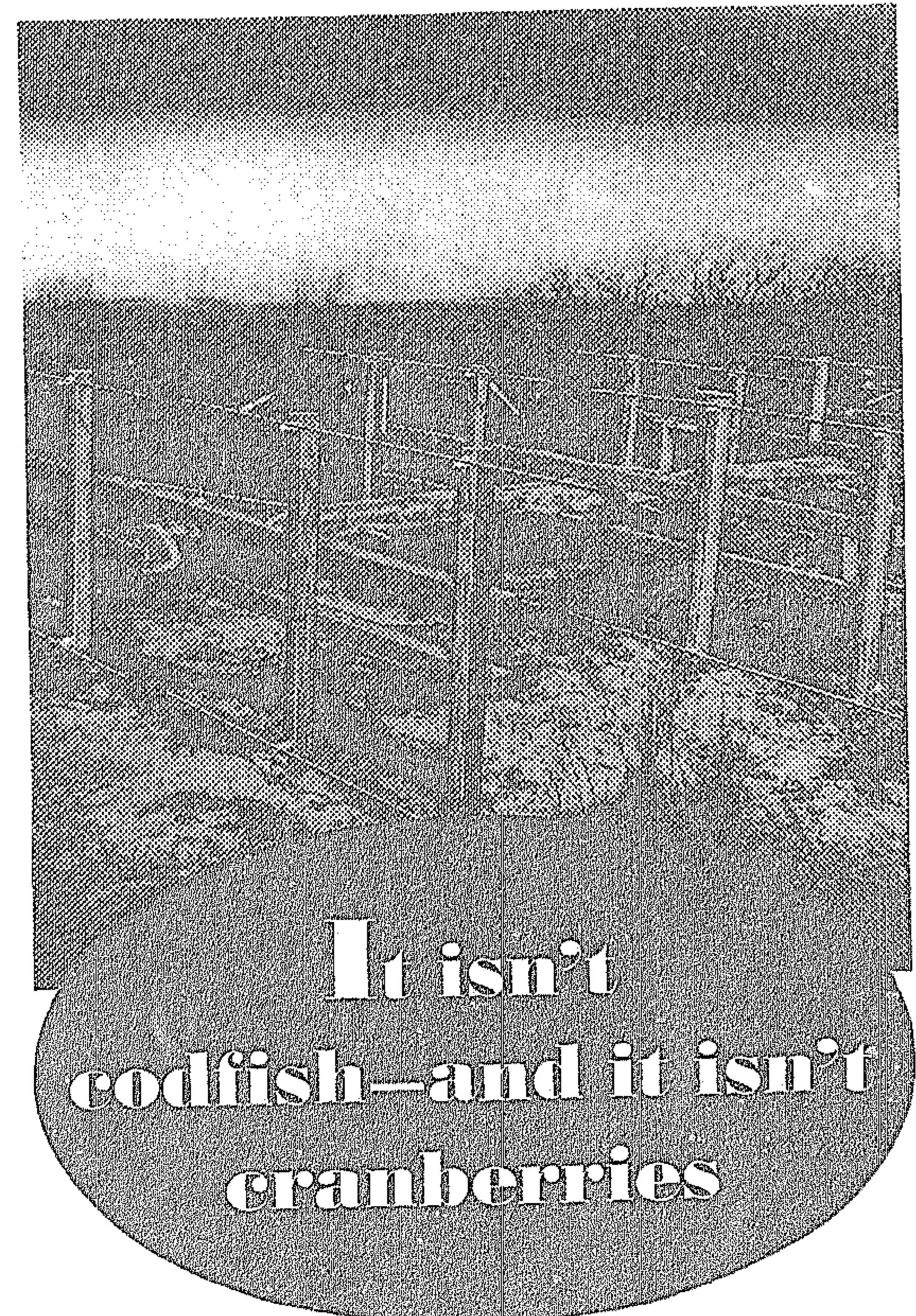
Interested in Steam Section

Primarily interested in the steam portion of the plant, the two men are considering the cheapest and most efficient means of producing the steam for the power. Deisel and gas engines have been eliminated as possible machines for use because coal is much cheaper. With the size of the turbines selected, the sizes of the boilers and auxiliary units are determined. At this stage the size of the units, piping, buildings, and other essentials must be calculated. Of course the drawings are made and revised as the design proceeds.

Short Time Handicap

In actual practice, many months are spent in designing even small plants. It can be realized that Mr. Clear and Mr. Wolgemuth can only get a fair start and a good prospective of the entire problem in their allotted time.

Other problems being studied by the two graduates are "Heat Losses Through Pipe Coverings" and, along with Professor H. Enz, reinforced concrete.



It isn't codfish—and it isn't cranberries

It's an ultra-short wave radio telephone antenna—before being raised above the dunes of Cape Cod.

For some years, Bell System engineers have been studying ultra-short waves. They have developed automatic transmitters and receivers which may be connected with regular telephone lines at points far from central offices. They hope such radio links will be useful in giving telephone service to points difficult to reach by usual methods.

The installation on Cape Cod—which is now undergoing service tests—is just one more example of Bell System pioneering in the public interest.

Why do telephone bills one night each week? Bargain rates after 8:30 P.M.—reverse the charges if your folks agree!

BELL TELEPHONE SYSTEM

### Housing Project Under Way Here

Continuing their practice of devoting the year's meetings to non-engineering subjects, the Western Society of Engineers had as their guest speaker last Thursday Mr. Allen C. Williams, Project Director for the Metropolitan Housing Council. Miss Elizabeth Wood, Executive Director of the same organization, was originally scheduled to address the meeting, but because of a conference in Washington, she was unable to attend.

#### Housing Is New Problem

The Metropolitan Housing Council is in no way connected with the government, nor is it a social service agency. It was set up and is operated by people who are interested in better housing conditions in Chicago.

The problem of housing is, for Chicago, a comparatively recent one. Until two decades or so ago, Chicago was a country town. Now we have four million inhabitants residing on four hundred square miles. As there are not any laws specifying what minimum living conditions shall be, certain areas have a great concentration of people, creating, thereby, formidable problems.

#### Slums to Be Eradicated

By cleaning up three islands in a sea of slums, the P. W. A. will not help the situation much. Their only purpose is to provide an incentive for the inhabitants of Chicago.

Four things will have to be done to eliminate the slum area. First, all dwellings unfit for good living should be demolished. This will be a constant problem, for Chicago is continually aging. Second, the value of good neighboring buildings will have to be conserved. The only way this can be done is by the proper man-

agement of these properties. Third, certain districts will have to be entirely reconstructed. Fourth, a better knowledge of conditions prevailing should be dispersed.

#### Government Gives Aid

At the present time, under the direction of Mr. T. J. Ferrenz, C. E., '11, a land use survey and real property inventory is being conducted; it is making an exhausting study of available facts and information about what housing is needed for the people in the reconstruction area, what price classes they comprise, and all facts relating to future housing problems. They will try to help along the public relations necessary for the reconstruction problems to succeed. In the long run the people will have to pay for the projects now underway. These housing projects are not charity; they are to be self-liquidating. Uncle Sam has only provided the financial, technical, and legal assistance so that the city of Chicago can operate the projects in a just manner.

#### Chicago Expanding

The reasons why these sites were chosen for the P. W. A. projects are many. In the first place, they represent the worst districts Chicago has. Secondly, Chicago is moving further west, but as we will soon reach a place where transportation facilities will be very bad the trend will be to re-occupy the "No-Man's Land." The building of a new strata will necessitate the removal of the old. Third, each area is a community of its own, being bounded by fast transportation systems and having schools and public buildings.

These are only a few of the many pre-construction problems.

Many are wondering whether the

### A.S.M.E. Smoker for Mechanicals

Members of the mechanical engineering department held a smoker last night at the Beta Psi fraternity house. W. W. Hennings and A. M. Lane repeated the talks which were chosen as the two best of the semester. Last night the members picked the one which they considered the better. This talk is to be given at the National meeting of the A. S. M. E., which will be held in Chicago next month. Awards of fifty, ten, and five dollars will be given at the national meeting. W. W. Hennings' topic is "Critical Speeds of Crankshafts," and A. M. Lane's subject is "Overdrive of Gas Engines."

Lee Carlton, adjustment manager of the United American Bosch Company of Chicago, spoke at the A. S. M. E. meeting last Friday on "Field Experiences in Diesel Installation." He said that whereas the field of Diesel engineering is not new, most developments of importance have been of recent date. Since the Bosch company makes fuel injectors, most of the talk was concerned with injection of fuel at the proper point of the stroke and how this time of injection is calculated.

same situation will take place in Chicago as in Cleveland. When some of their slums were cleaned out, the inhabitants moved to a neighboring slum and made conditions worse. The outcome of the housing problem remains, in the face of all the obstacles, in doubt. Only the future can determine the success of this venture.

### Former Student at Armour Wins Prize

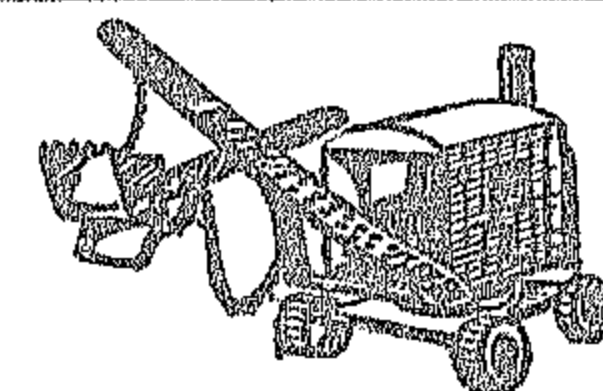
Midshipman James W. Thompson, a former student at Armour who is now in the graduating class at the United States Naval Academy, was last week declared the winner of the Commander James Edward Palmer prize. The award is made to the member of the senior class who is most proficient in thermodynamics and steam engineering. The presentation of the prize of an engraved wrist watch is made at a dress parade during June Week preceding commencement.

Having graduated from Parker High School in 1929, Thompson entered Armour in the fall of that year and continued his studies in the chemical engineering department until 1931, when he was appointed to the Naval Academy. He was especially interested in mathematics and ballistics in his courses at Annapolis.

### Senior Civils Inspect New Chicago Tunnel

Twenty-five Armour senior civils, all that the Chicago Bureau of Engineering would allow, made a visit to the Chicago Avenue water tunnel yesterday. The group, which was specially selected, entered the tunnel through the Lake Street shaft, at Lake Street and Central Park Avenue. Glad in protective clothing which was supplied by the Bureau of Engineering, the civils were conducted through the work by a guide who explained the construction of the tunnel.

### THE STEAM SHOVEL



Since AL RAGAN has come back from South Milwaukee, he won't need that letter of recommendation to WALLY TALLAFUS' girl friends there, but he would like one for the Chicago area.

Now that Sir Anthony Machulis has mastered the slide rule, we hope he will use it so he will no longer write  $6 \times 1 = 1$  and  $1 - 1 = 2$  in his calculus quizzes, and then say the book must be wrong.

We hear that BENNY FREUD is offering a royalty to any schmier who invents unbreakable chalk. Reinforced concrete designers are not eligible.

Flash: E. C. HOYER, M.E. '37 has been writing to a RUTH C. R. of the National College of Education. She's in Decrfield, so the last envelope says. TEDDY R.

MAUREECE ALEXANDER'S souvenir hunting didn't net him very much on his last jaunt with the swimming team. He claims the dillies smelled of beer anyway.

We hear that GEORGE WEST, who doesn't ordinarily indulge in absorbing nicotine, buys cigarettes only when he's out with Esther.

If any reader has a friendly enemy who is too big to be taken on,

### Illustrated Talk Given by W.S.E.

At the last meeting of the Armour branch of the Western Society of Engineers an illustrated lecture on the Illinois waterway was delivered by Mr. R. Stellar of the United States Engineers' office.

Mr. Stellar, a former Armour student who has been associated with the Engineers' office since 1930, was sent out instead of Mr. Woerman who was confined to his home by a slight illness. Mr. Stellar first told of the extent of the Illinois waterway.

The project extends from the Great Lakes to the Gulf of Mexico, but the man made part is concentrated in the stretch of river between Joliet and Starved Rock. In this distance of 60 miles, the river drops 130 feet.

The object of the project is to construct a manageable waterway from the Great Lakes to the Gulf, and to lay the foundations, upon chosen sites, for future power houses. The task of drawing up plans and specifications for the waterway was entrusted to the U. S. Engineers' office, a body of men headed by U. S. Army officers and manned by graduate technicians, quite a few of whom came from Armour.

remember, "the pen is mightier than the sword" and just drop it into the News box near the elevator.

The Junior Civils complain that Herbie Ensz is too early with a semester problem in reinforced concrete design.

### Scientists Mourn Death of M. Pupin

Michael I. Pupin, one of the foremost electrical engineers of the country, died last week from complications resulting from an old illness. Although he came to America as a poor immigrant, he worked his way through college, attaining his doctor's degree and finally becoming professor of Electro-mechanics at Columbia University, where among his students were Robert Millikan and Irving Langmuir.

He was born in a little village in Yugoslavia on October 4th, 1858, but when only fifteen years old he emigrated alone to America which he had heard described as a land of fabulous opportunity. By working during the day and studying at Cooper Union in the evening he prepared himself for Columbia College in New York City. He passed the entrance examinations with a high standing and started as a self-supporting freshman at the age of nineteen. After graduating with honors in 1883, he studied physics at Cambridge and Berlin, attaining his doctor's degree in 1889.

On his return to America, Pupin became an instructor at Columbia, assisting in starting a division of electrical engineering. From the first space assigned to him in a shed, he developed the electrical department from its first industrial applications to the modern research organization necessary to our civilization.

In 1896, two weeks after the discovery of X-rays, Pupin, as a consultant of a New York hospital, first applied the new methods as a guide to surgical operations by using his newly invented fluorescent screen which made possible photographs using an exposure of a second instead of an hour.

Telephone systems were trying, at the beginning of the century, to expand their lines to distant cities, but the inevitable fading in large networks seemed to make the problem impossible. Pupin patented a new type of loading coil which used a toroidal winding to enable the effects of sound to be transmitted undiminished.

Professor Pupin was a member of the American Association for the Advancement of Science, serving as president in 1925. He also belonged to several engineering societies and was awarded their highest medals for engineering research. Some of the awards given him were the Edison medal, the Herbert Hoover prize, the Washington medal, and several foreign decorations.

## AFTER DEEP CONCENTRATION..

## GET A LIFT WITH A CAMEL!

"I'M AIMING TOWARD the statistical end of the insurance business," says Whiting, '35. "And is it a job! Higher mathematics and their practical application, slide rules, logarithms... all jumble up when I'm tired. Another thing: I have a job at night—sometimes don't get a chance to study until I'm through. But a Camel helps to keep me going—and I can concentrate again and feel wide awake. Camels are never harsh to my throat. They are mild and gentle, yet have a marvelous flavor—a flavor that never tires my taste. I am a steady smoker, but Camels never disturb my nerves."  
(Signed) F. DELAND WHITING, '35

"IT'S MIGHTY COMFORTING to light up a Camel. The fatigue that always follows keen excitement quickly fades away, and I feel refreshed and restored in short order."  
(Signed) RAY STEVENS  
North American  
Bob-Sled Champion

"CAMELS ARE MOST POPULAR in our set. They taste so mild and good—and they give you a 'lift' when you need it. I'm a steady smoker, but Camels never jangle my nerves, and I never tire of Camel's taste."  
(Signed) EMILIE BAGLEY, '35

**MORE EXPENSIVE TOBACCOS IN CAMELS**

Camels are made from finer, MORE EXPENSIVE TOBACCOS—Turkish and Domestic—than any other popular brand.

(Signed)  
R. J. REYNOLDS TOBACCO COMPANY  
Winston-Salem, North Carolina

### TUNE IN!

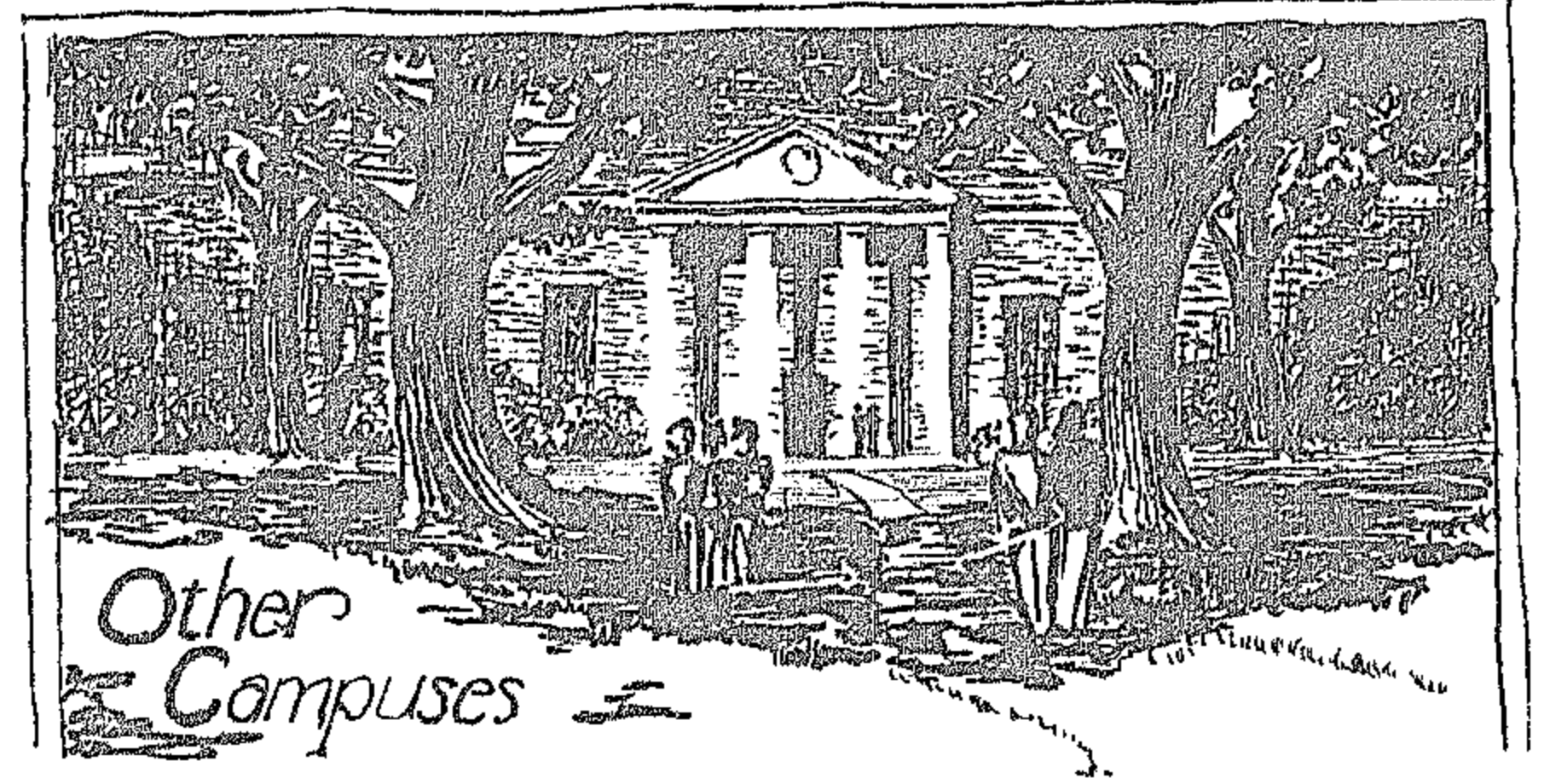
#### HEAR THESE FAMOUS STARS

Walter O'Keefe, Annette Hanshaw, and the Casa Loma Orchestra...over coast-to-coast WABC-Columbia Network

|                   |                  |                  |                  |
|-------------------|------------------|------------------|------------------|
| <b>TUESDAY</b>    |                  | <b>THURSDAY</b>  |                  |
| 10:00 p.m. E.S.T. | 8:00 p.m. M.S.T. | 9:00 p.m. E.S.T. | 9:30 p.m. M.S.T. |
| 9:00 p.m. C.S.T.  | 7:00 p.m. P.S.T. | 8:00 p.m. C.S.T. | 8:30 p.m. P.S.T. |

WALTER O'KEEFE

## CAMEL'S COSTLIER TOBACCOS NEVER GET ON YOUR NERVES!



By John K. Morrison
Georgia Tech, had the intestinal fortitude to live down his razzing and was elected captain the following year.
From the Purdue Exponent: Her crimson tips were treasure ships until he took the notion And found they were but painted ships Upon a painted ocean.

The Syracuse football eleven is a perfect representation of the nations making up the population of the U.S. The team is composed of a Frenchman, two Germans, three Hebrews, a Hungarian, an Irishman, Italian, a Pole, and a Swede. Wouldn't it be funny if they talked in their own language when excited?
Illinois Normal has not defeated Illinois Wesleyan in 26 years.
A raindrop fell to earth so old... The day was dark and bleak and cold Oh, little boy, canst calculate How far it fell to heat one degree Centigrade? Purdue Exponent.

Although a bit involved, we reprint the information that the University of Southern California has winter football practice to prepare for spring practice for the next fall season.
The University of Virginia, founded by the first great Democratic president, Thomas Jefferson, is about to get a group of modern buildings through the recovery program of the latest Democratic president. A grant of \$379,000 from the Public Works Administration will be used for the new construction.

Fire Protects Hear Speech on Insurance
Mr. Emil J. Hepp, F. P. E. graduate of Armour in 1914, addressed the Fire Protection Engineering Society last Friday morning on the use of inspection bureau reports in insurance company offices.

The reports pass through the state audit bureaus to the insurance company. An underwriter receives the record card and places the property insured into one of a large number of classes of risks. At the accounting department the record cards are punched to the agent's account. To avoid insuring unreliable risks, the record of each particular property to be insured is looked up in the National Board file which contains a list of all suspicious fires.

To illustrate the intricacies of some reports, Mr. Hepp explained the work done in inspecting the Commercial Alcohol Company located just outside of Pekin, Illinois. Among the details taken into consideration in the rating was the slope of land. In distillery fires, barrels very often are broken open, and there is a chance that the burning alcohol flowing down the slope will set another building afire.

Mr. Hepp made an interesting statement to the effect that efforts are being made to standardize inspection reports made by all bureaus.

FENCERS PRESENT VAUDEVILLE ACTS AND CELEBRITIES

Friday at 10:30 a unique type of entertainment will be presented before the faculty, students, and friends of the Institute. This entertainment is sponsored by the Fencing Club, and is diversified enough so that it may be called vaudeville. The high lights of performance will be the introduction of guests of honor, Mr. Henry Kraft and his two famous sons. Mr. Henry Kraft is America's grand old man of fencing and donor of the Kraft Fencing Cup. His two sons are nationally known sabre men. Professor Fischer will act as master of ceremonies throughout the whole performance.

Schommer to Speak
Professor J. J. Schommer has been invited to speak since no athletic or semi-athletic event is complete without his wit and humor. The Armour Fencing Team will be presented to the gathering as a unit for the first time. Other attractions on the program are fencing and sabre bouts.

Leading women fencers, the Edgewater Fencing Club, and Northwest Fencing Club will show their dexterity with the foils. The Chicago and Northwestern University Sabre Teams will provide interesting moments when they engage in bouts. Tickets Now on Sale
Music and other forms of entertainment are promised. The services of a very well-known screen and stage actor for the performance are being negotiated.

The tickets will be on sale today and may be obtained for the nominal sum of ten cents from any of the members of the club.

Wright Team Loses to Tech Fencers, 67-55

Last Wednesday, the Armour Fencers brought home the bacon when they defeated the Wright Junior team by a score of 67-55. The meet was hotly contested as is seen from the official score.

The bout was witnessed by a crowd of 50, which dwindled as time wore on. Several faculty members were seen among the spectators. Armour was represented by a four man team, Z. Trzyna, G. Quandee, E. Krok, and K. Trzyna, named in the order of points scored. Z. Trzyna won all his bouts with ease, although the other members were no slouches either. Among the visitors, A. Grubman and H. Handelman were high point men.

Table with 3 columns: Armour vs. Wright Jr., Armour, Wright Jr. with names and scores.

TECHAWKS DEFEAT ELMHURST TRACK TEAM AT U. OF C.

Armour's prestige in the realm of sports was upheld when the Tech trackmen ran up a 56 1/2 to 38 1/2 score to earn an impressive victory at the expense of Elmhurst last Monday at the local fieldhouse. Captain John Roberts starred for the locals, scoring 13 points. He was followed closely by Neal and Nelson, both Techmen, who accounted for 10 markers apiece.

Neal Ties Dash Record
In winning the 70-yard dash Donald Neal outclassed the field and was clocked at :07.5—equaling the all-time Armour indoor record for that event. Besides his splendid performance in the sprint, Neal finished first in the 440-yard dash. Captain Roberts demonstrated his versatility as he won both hurdle races and tossed the 16 pound shot far enough to assure himself of a second place.

Leuschke of Elmhurst showed considerable disgust when he lost his stride due to the fact that the last two hurdles had been spaced with an accuracy of less than two yards. The Techmen's best showing was made in the dash, scoring a grand slam as Neuret and Dunbar followed Neal to the tape in quick succession.

Butler Relays Complete Season
The veteran George Nelson easily outstepped the opposition to emerge victorious in the mile and half mile runs. The indoor track season will be concluded with competition in the Butler Relays next Saturday. The team hopes to at least duplicate last Saturday's win in the sprint medley, but looks forward to greater success in the trip to Indiana.

- Summaries
Mile run—Won by Nelson (A); second, Wolf (E); third, Cameder (E). Time, 4:49.8.
70-yd. dash—Won by Neal (A); second, Neuret (A); third, Dunbar (A). Time, :07.5 (Equals Armour indoor records).
440 yd. dash—Won by Neal (A); second, Yager (E); third, Leuschke (E). Time, :55.1.
Shot-put—Won by Vanderkief (E); second, Roberts (A); third, Kroll (E). Distance, 36 feet 10 in.

- 100 yd. high hurdles—Won by Roberts (A); second, Steve (E); third, Fleig (A). Time, :10.2.
2 mile run—Won by Cameder (E); second, Faust (A); third, Reichenbeck (E). Time, 10:08.
880 yd. run—Won by Nelson (A); second, Baumrusek (E); third, Wolf (E). Time, 2:08.9.
High jump—Won by Vanderkief (E); second, Thornton (A); Kulpak (A) and Leuschke (E) tied for third. Height, 5 feet 8 inches.
70 yd. low hurdles—Won by Roberts (A); second, Steve (E); third, Rosen (A). Time :08.4.
880 yd. yd. relay—Won by Armour (Neuret, Harrold, Rigoni, Dunbar).

Tech Runners Cop Medley Race In Biggest of Armour Relays

into the feature event. Pittsburgh stayed ahead throughout by a margin of a very few yards with the remaining four men closely bunched together in a race for second place. Connelly, anchor man, finished in first place to break last year's record set by another team also from Pittsburgh. Their time in the record-breaking race was 3:21.9, eight-tenths of a second better than last year's performance.

Herman, Dieber Win Dashes
Randall Herman, Carleton college star, successfully defended his university dash title and came within a tenth of a second of his record in so doing. Johnny Dieber easily gave North Central a win in the college dashes.

Herman's win in the college low hurdles gave him the distinction, shared by Joe Knappenburger of Kansas State, of being a double winner. Knappenburger tripped from his last hurdle to fall headlong across the finish line in the highs, a very close race; and just beat out Arvel Fleming, diminutive Pitt star, in the lows. Fleming also took a second in the dash.

STANDINGS
The following point tabulation is unofficial, based on a 5, 4, 3, 2, 1 rating. Ed.
Table with 2 columns: University, Points.

College
Table with 2 columns: College, Points.

Outdoor Baseball Practice Due Soon

Arrangements having been completed with Hillsdale for a game the twenty-fourth of April, the baseball schedule for this year has now been filled. In fulfillment of a two year home-and-home agreement, started last year, the game will be played at Armour. This makes eight games that will be played at home, the other seven of the fifteen games scheduled being played abroad.

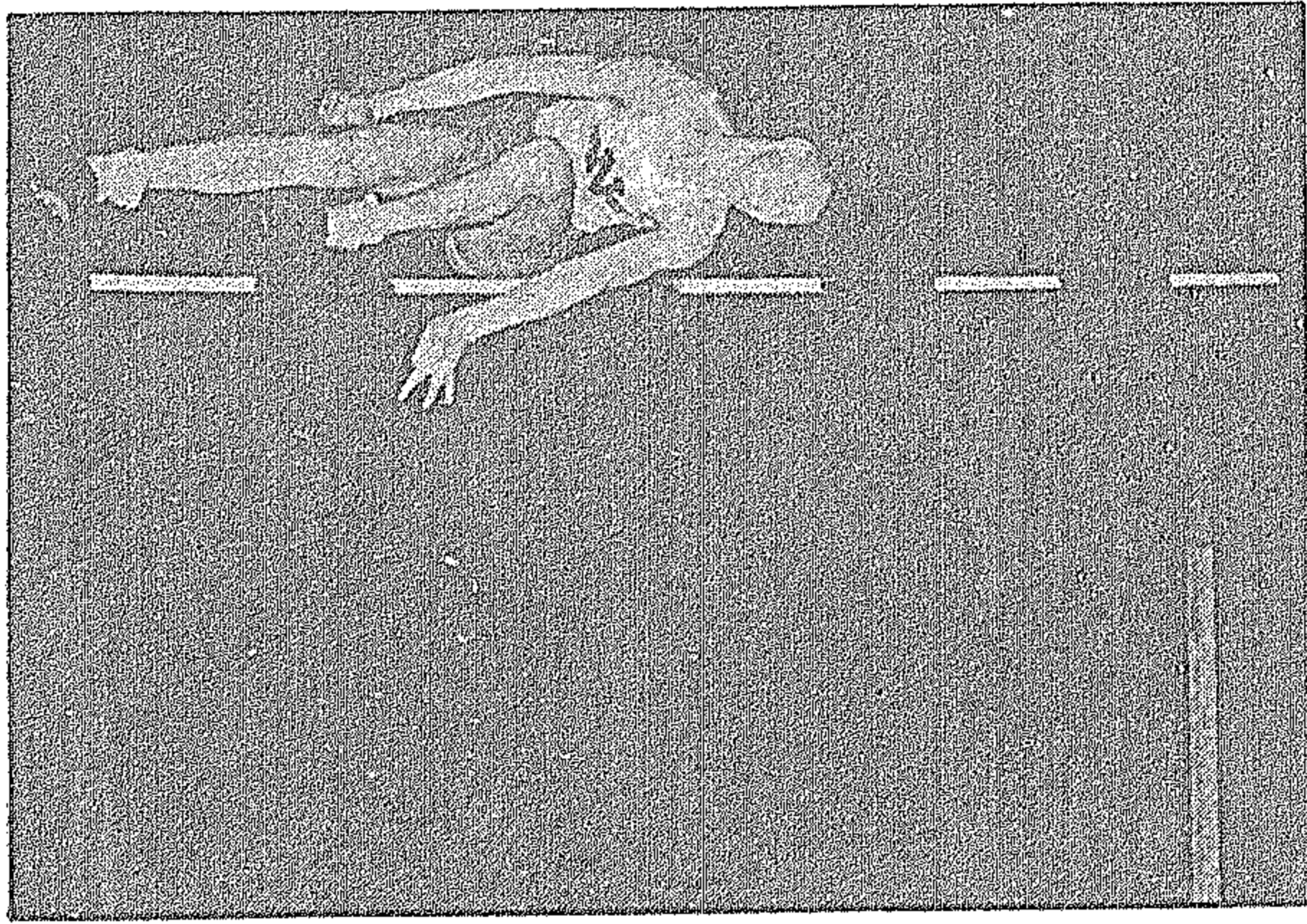
Kraft Looks Over Prospects
Coach Kraft was well pleased with the attendance of prospective players at the meeting held last Wednesday

COLLEGE EVENTS
Two Mile Relay—Won by Michigan Normal (Zapp, Hall, Baker, and Brockman); second, Illinois State Normal; third, Elmhurst; fourth, Beloit; fifth, Armour. Time—8:09.7.
One Mile Relay—Won by Michigan Normal (Mathews, Zapp, Hall, and Baker); second, Illinois State Normal; third, Armour; fourth, Kalamazoo; fifth, De Kalb. Time—3:29.1.
Sprint Medley Relay—Won by Armour (Neal, Dunbar, Neuret, and Nelson); second, De Kalb; third, Bradley; fourth, Loyola; fifth, North Central. Time—3:14.6.
70 Yard Dash—Won by Dieber, North Central; second, Miller, Carleton; third, Trakas, De Kalb; fourth, Nichols, Iowa State Teachers; fifth, Nori, De Kalb. Time—07.4.
70 Yard Low Hurdles—Won by Herman, Carleton; second, Mathews, Michigan Normal; third, Tolmiech, Wayne; fourth, Enkema, Carleton; fifth, McEroy, Wayne. Time—07.8.
70 Yard High Hurdles—Won by Tolmiech, Wayne; second, Holmes, Butler; third, Godfrey, North Central; fourth, Starratt, Loyola; fifth, Mason, Bradley. Time—09.1.
440 Yard Run—Won by Nichols, Iowa State Teachers; second, Martin, Butler; third, Hein, De Kalb; fourth, Miller, Carleton; fifth, Marquard, North Central. Time—2:05.1.
880 Yard Run—Won by Zahn, Butler; second, Brockman, Michigan Normal; third, Keys, North Central; fourth, Baumrucker, Elmhurst; fifth, James Illinois State Normal. Time—2:01.1.

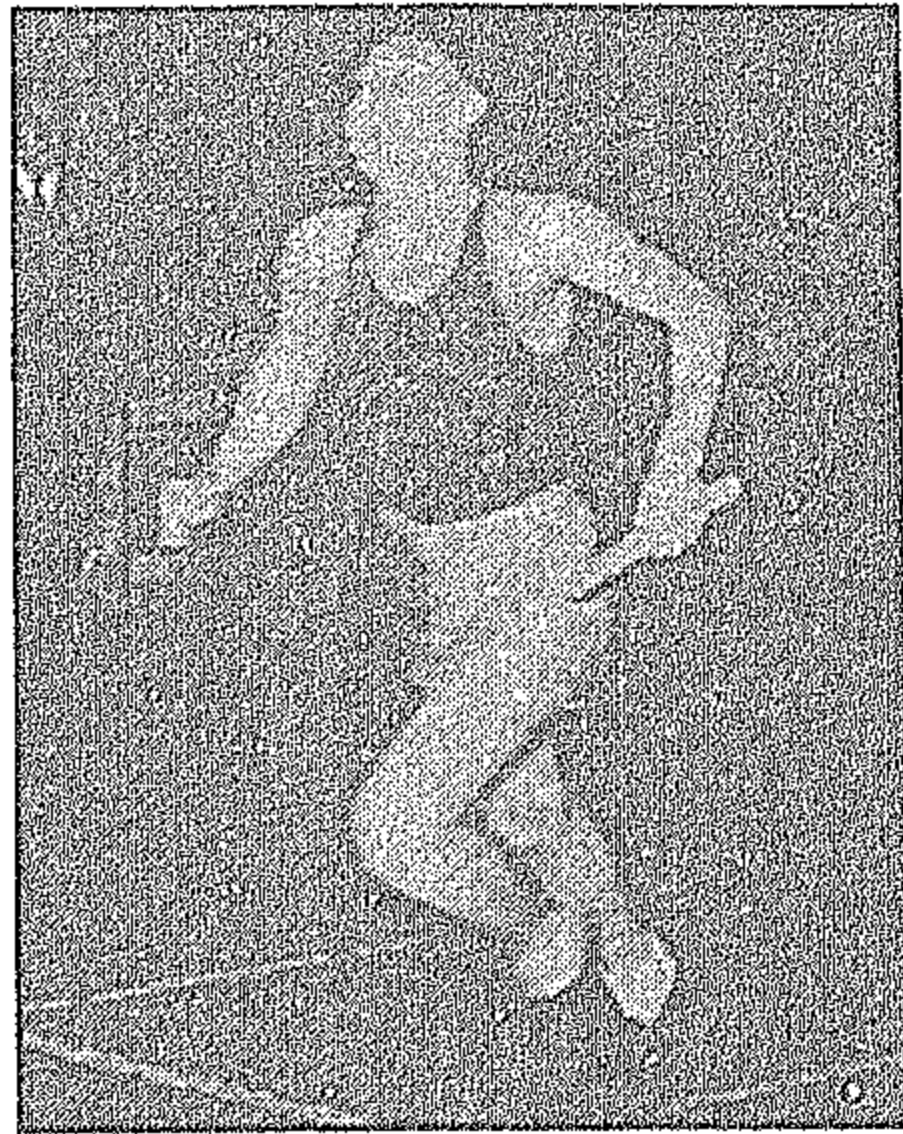
UNIVERSITY EVENTS
Distance Medley Relay—Won by Michigan State (Weaver, Gardner, Otley, and Hardy); second, Indiana; third, Purdue; fourth, Pittsburgh. Time—10:24.5.
Two Mile Relay—Won by Purdue (Janosens, Blumel, Moore, Glendinning); second, Notre Dame. Time—7:59.7.
One Mile Relay—Won by Pittsburgh (Kizer, Gorat, McDonald, Connelly); second, Illinois; third, Northwestern; fourth, Indiana; fifth, Wisconsin. Time—3:21.9. (Breaks meet record of 3:22.7 set by Pittsburgh in 1934).
70 Yard Dash—Won by Herman, Carleton; second, Fleming, Pittsburgh; third, Collier, Indiana; fourth, Janicki, Wisconsin; fifth, Jordan, Notre Dame. Time—07.2.
70 Yard High Hurdles—Won by Knappenburger, Kansas State; second, Layden, Notre Dame; third, Clark, Wisconsin; fourth, Keller, Wisconsin; fifth, Reil, Chicago. Time—08.9.
70 Yard Low Hurdles—Won by Knappenburger, Kansas State; second, Fleming, Pittsburgh; third, Doherty, Northwestern; fourth, Layden, Notre Dame; fifth, Pierce, Illinois. Time—07.6. (Equal meet record set by Sandbach of Purdue in 1933).
440 Yard Run—Won by Jeset, Marquette; second, Kizer, Pittsburgh; third, Ryan, Butler; fourth, Heg, Northwestern. Time—50.9.
880 Yard Run—Won by Kleinschmidt, Wisconsin; second, Beckler, Michigan State; third, Nison, Kansas State; fourth, Hovey, Michigan State; fifth, Buckmaster, Northwestern. Time—1:58.0.

OPEN EVENTS
One Mile Run—Won by O'Reilly, Kansas State; second, Daly, Detroit; third, Lash, Indiana; fourth, Wheeler, Kansas State; fifth, Musico, Pittsburgh. Time—4:20.8.
High Jump—Won by Bechel, Chicago Normal; second, Welch, Butler; third, Caff, Marquette; and Allen, Michigan State (Tie); Vandeleit, Elmhurst; Miller, North Central; and Blair, Pittsburgh; three-way tie for fifth. Height—4 ft. 2 1/2 in.
Shot Put—Won by Davis, Hillsdale; second, Elmer, Notre Dame; third, Bubow, Wisconsin; fourth, Skornski, Purdue; fifth, Bonavita, Pittsburgh. Distance—48 ft. 4 in. (Breaks record of 47 ft. 7 1/2 in. set by Davis in 1933).
Pole Vault—Won by Seeley, Illinois; Wonsowicz, Ohio State; and Haller, Wisconsin, tied for second; fourth, Pelucha, Pittsburgh; Davis, Carleton; White, Iowa State Teachers; Siebert, North Central; Romein, Wheaton; Davis, Butler; Abel, Chicago; and Sheff, Wisconsin; all tied for fifth. Height—13 ft. 5 1/2 in. (Breaks meet record of 13 ft. 5 1/2 in. set by Lemington, Illinois in 1933).

Advertisement for Prince Albert tobacco featuring comic panels and promotional text. The comic shows a man proposing to a woman, and another man talking to a woman. The text promotes 'Top-quality tobacco is used in P.A.', 'Prince Albert is mild and so cool!', 'Two ounces in every tin.', and 'Special process takes out all "bite." Largest-selling pipe tobacco.' The bottom text says 'PRINCE ALBERT the national 704 smoke!'.



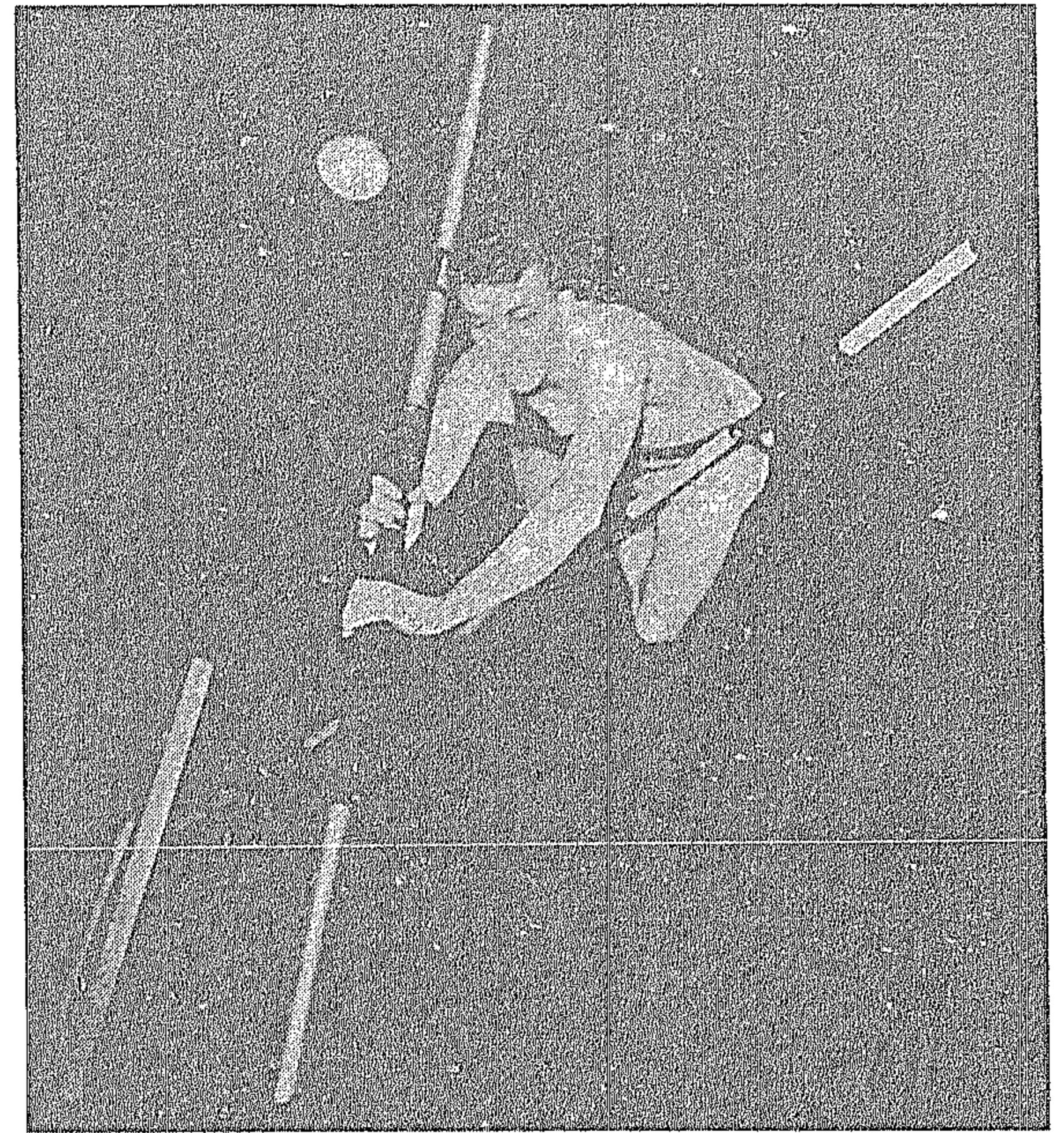
**BECHEL, CHICAGO NORMAL'S** only entry, was easily the class of the high jump but his best effort—6 ft. 2 1/8 in.—was far short of the Relay record.



**DICK FRIEDE BRINGS** the baton home to give Armour a third in the college one mile relay.

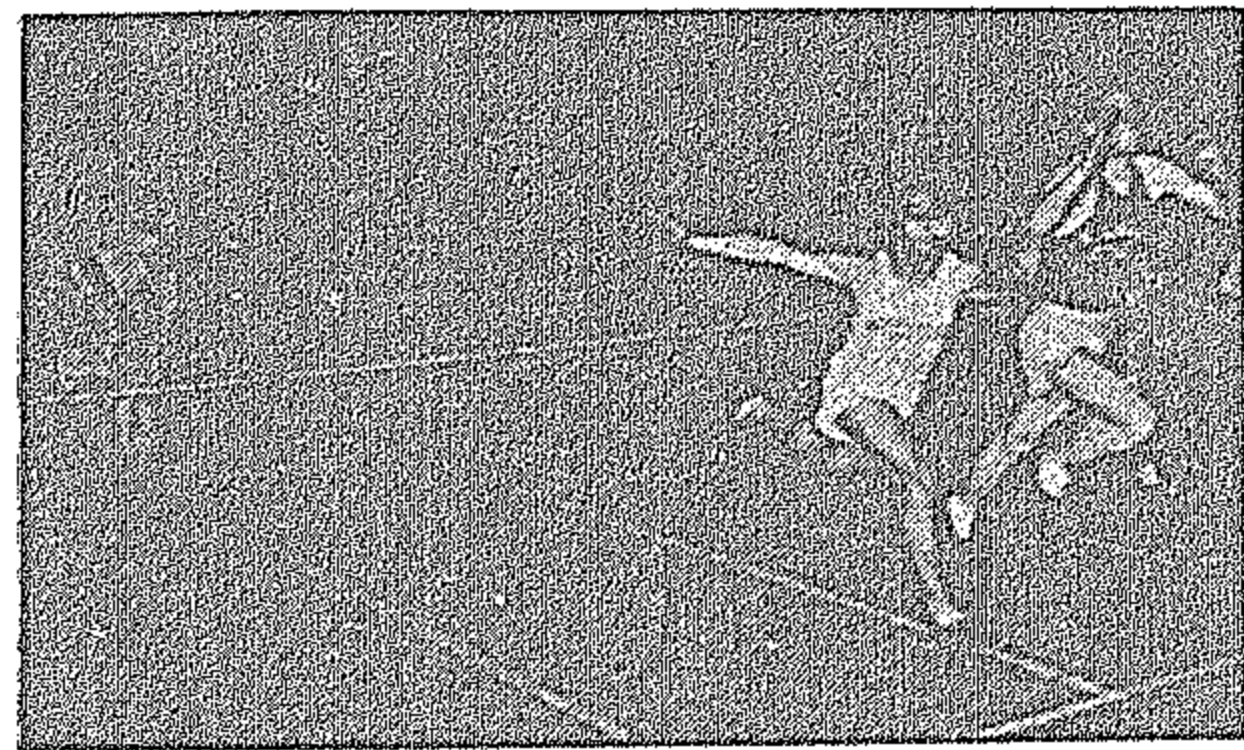


**ZAHN OF BUTLER** breaks the tape to take the college half mile.

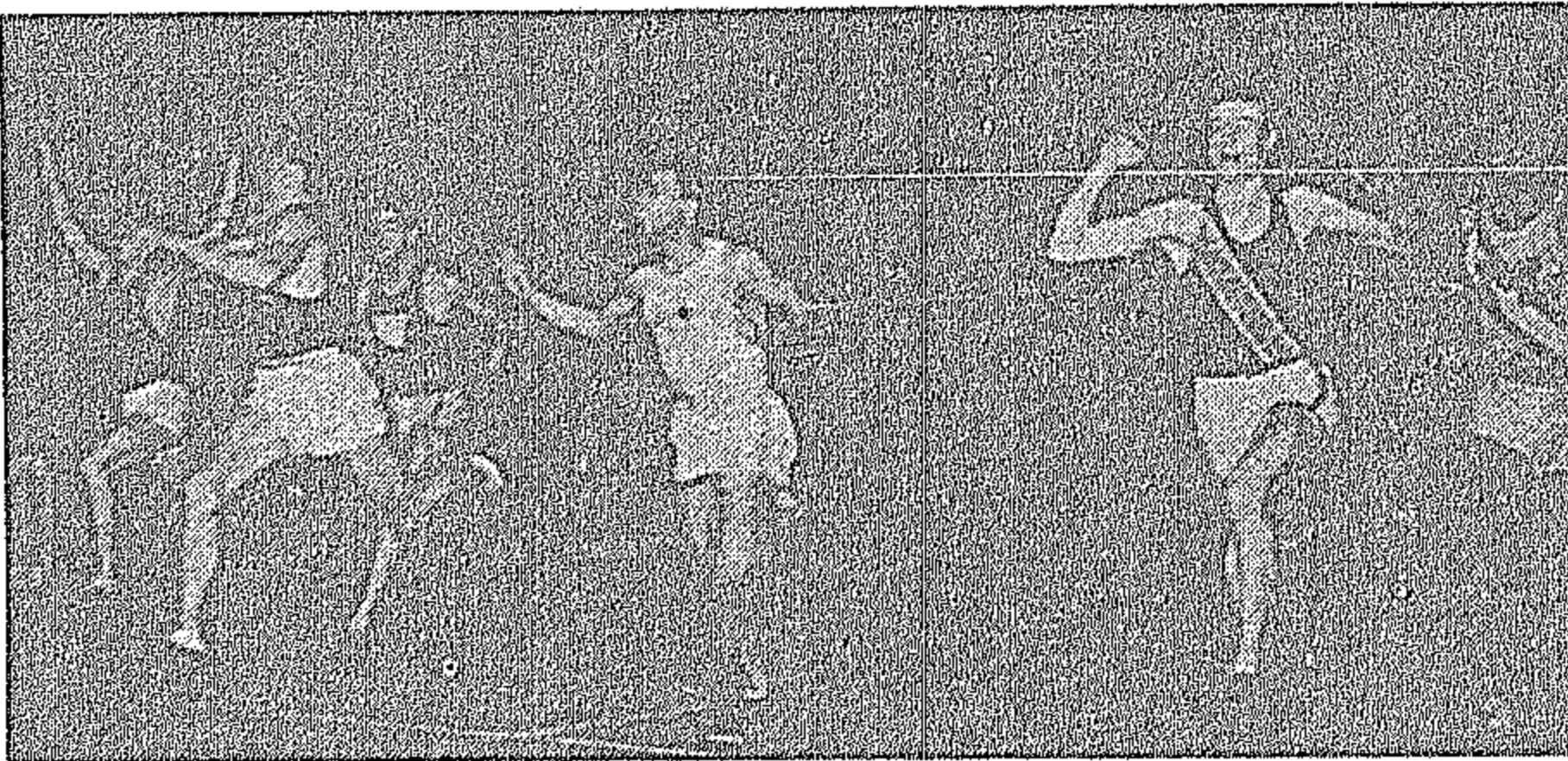


**IT'S UP—UP—**and over for Irv Sealey, new holder of the Pole Vault record for the Armour Tech Relays—13 ft. 5 7/8 in. Sealey basted a field of twenty-three vaulters that performed from 7:15 until 11:00.

—Photos by Jacob Bard



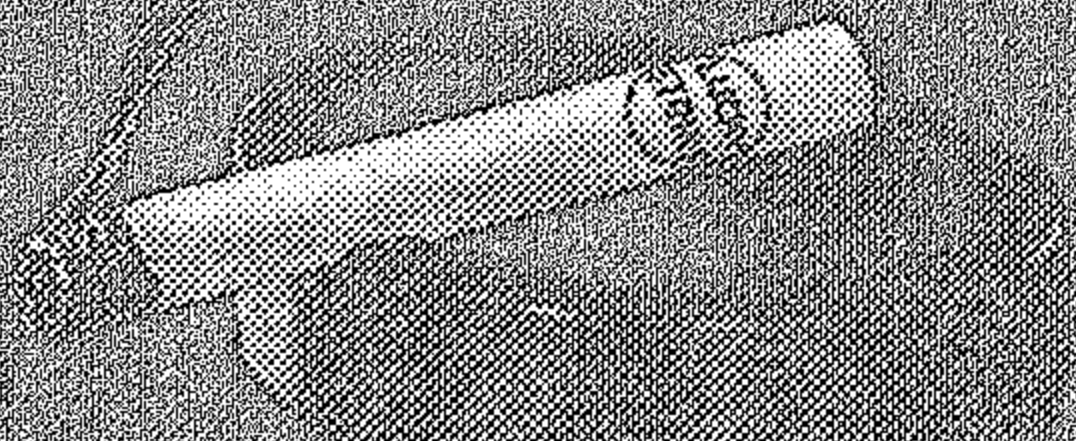
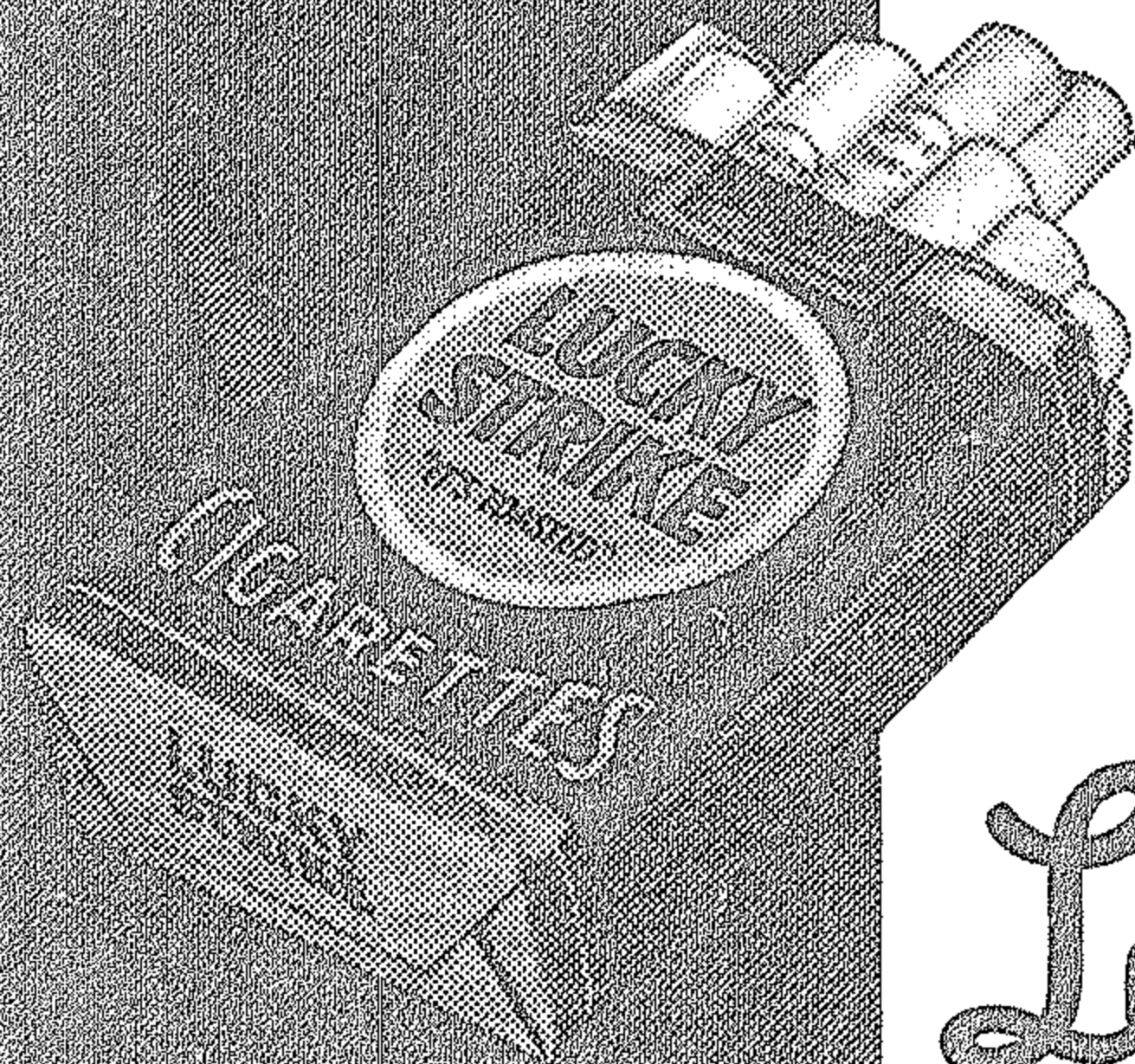
**LEFT — KNAPPENBURGER** of Kansas State, who won both U. hurdle races, makes it a real race to beat Fleming, Pitt, in the lows.



**RIGHT—HERMAN** of Carleton, holder of the sprint record, steps out to win; Fleming takes another second.



*I'm your best friend*  
You find me the welcome third. I am always the same, always mild, mellow, fine-flavored, friendly to your throat. I am made of center leaves, only. Those small, sticky top leaves are sharp and bitter. Sand and grit destroy the flavor of the bottom leaves. But the choice center leaves grow to mellow ripeness, preserving every bit of fragrant tobacco flavor. I am made from these fragrant, expensive center leaves. I do not irritate your throat. This gives me the right to sign myself "Your best friend."  
*I am your Lucky Strike*



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LUCKIES USE ONLY CENTER LEAVES . . . CENTER LEAVES GIVE YOU THE MILDEST SMOKE

*They Taste Better*

# ATHLETES TO BE HONORED AT MID APRIL ASSEMBLY

## Lettermen and Honor A Initiates to Get Awards

### FIRST OF MANY?

For the first time in Armour athletic history, award winners are due to receive their hard earned monograms in an assembly especially arranged for the honoring of Tech athletes.

Although a definite date has not been set, the assembly will be held in mid April, sufficiently after the early cycle of Tech sports has closed to permit the naming of lettermen and manufacture of awards. The basketball team, whose lettermen were named recently; and the wrestling and swimming teams, whose winners will be named soon, will be the portions of Armour's sports' endeavors to be featured.

#### To Present Honor A Keys

Another feature of the assembly will be the presentation of keys to the initiates of Honor A, Armour honorary athletic fraternity. Incidentally these men will be formally pledged next Friday at a meeting of the Honor A.

The awards assembly has long been before those interested in the general attitude to sports at Armour Tech, and this move, which will be officially secured by the A. T. A. A. this week, is certainly due the men that represent Armour in the athletic field. The many students who have not appreciated a Techaw's effort in his field of sports will be permitted to see these super students who continually prove that there is far more to life at Armour than shiny pants and sore eyes!

## Swimmers Lose Season's Finale

In an unsuccessful attempt to end the season's work with a victory, the Armour swimmers put up a dogged fight against the Irving Park "Y" tankers, but lost by a score of 49 to 26, on March 12, in a dual meet staged at Bartlett pool. There was a certain amount of sentiment felt by the men who were swimming their last swim for Armour, and Capt. John Ahern, Stan Bernstein, Bob Lyford, and Dinty Moore, went in there and fought. Special mention is due "Dinty," who copped the only individual Tech first in the meet.

#### Armour Wins 160 Yd. Relay

The strong Tech relay team composed of Ahern, Ruekberg, and Tallafuss, sprinted to an easy win in the 160 yd. event, but this splendid start was unfortunately followed by only one additional first, that being in the 100 yd. free style. An almost certain win in the 100 yard breast stroke was lost due to Rog Knaus' inability to swim in the meet. Our divers put up a fine show, but were completely outclassed by the proficiency of Middleton and Richardson.

#### Summaries:

- 160 Yd. Relay—Won by Armour (Ahern, Moore, Ruekberg, and Tallafuss. Time, :25.
- 100 Yd. Breast—Won by Koch (I.); second, Hammer (I.); third, Stehman (A.). Time, 1:19.6.
- 40 Yd. Free Style—Won by Hanson (I.); second, Ahern (A.); third, Richardson (I.) Time, :21.3.
- 220 Yd. Free Style—Won by Bergwin (I.); second, Zaruba (I.); third, Ruekberg (A.). Time, 2:49.1.
- 100 Yd. Backstroke—Won by Gutfahr (I.); second, Bernstein (A.); third, McDonald (A.). Time, 1:19.
- 100 Yd. Free Style—Won by Moore (A.); second, Stipp (I); third, Hanson (I.). Time, 1:02.6.
- Fancy Diving—Won by Middleton (I.); second, Richardson (I.); third, Ahern (A.).
- 180 Yd. Medley—Won by Irving (Gutfahr, Hoeh, and Hanson). Time, 159.3.



By Art Jens

Editor's Note: This issue of the Tech Shorts is written by Art Jens '31, who is a former Sports Editor of the News and the originator of the column.

Armour's Relay Carnival has arrived. By that we mean that it has now come to that stage of development where it is receiving due notice from the press and is attracting many of the big names in this business of track and field. It is our prediction, and you can mark this in your hat, that a few years from now this meet will have to be moved from the Field House to the Chicago Stadium to accommodate the crowds.

#### We Toss the Shot

Our Sports Editor tells us that space is limited so we'll give you this dope in this manner. . . . At the officials' dinner at the Del Prado Hotel between the trials and the finals we witnessed some first class raillery between and among "Long John" Schommer, Joe Lipp, Major John L. Griffith, Ned Merriam, Dr. Monilaw and M. Morton, all to the amusement of the gathering. . . . Thirty teams broke into the point column which betters last years' total of 26 and 33's total of 17. . . . Way back when, at Armour's first meet, only ten teams scored points. . . .

Kleinschmidt, a Wisconsin man,



THE BOYS WHO brought home Armour's colors in the sprint medley. Left to Right, Dunbar, Neal, Coach Stagg, Nelson, and Neuert.

performed in expected style but his time was one and one-half second off his championship performance in the Big Ten. . . . The Relay medal has been changed from the conventional circular style to one of rectangular shape with several runners in bas-relief and the words ARMOUR RELAYS also in relief. . . . On the reverse side is engraved the year and the event. . . . Medals were awarded to the first three place winners and ribbons to fourth and fifth places. . . .

On the basis of our point system Pittsburgh was the team victor with 23 1/3 points. . . . Butler came next with 20 1/7 and Kansas State fol-

lowed with 20. . . . Pitt built up its total with one first, three seconds, two fourths, two fifths and a tie for fifth. . . . For all this effort they took back to the smoky city eight medals and five ribbons. . . . One year Indiana copped thirteen medals. . . . Notre Dame and Wisconsin put on a spirited battle for the University 2-mile Championship and almost ended in a blanket finish. . . . That is if two men can end a race in a blanket finish. . . . George Nelson ran his leg of the College Medley in 2:02. . . . Nuff said. . . . The field in the mile was larger than usual with 20 men facing the starting gun. . . . Daly of Detroit led all the way to the bell

lap when Kansas State's O'Reilly passed him and finished in the fair time of 4:20.8. . . .

We didn't do such a good pickin' job last week when we selected Sandbach in the hurdles and Fleming in the 880. . . . Randall Herman vindicated our choice in him when he returned a double in the University 70 and in the College lows. . . . We talked with Ted Canty about the future of the Armour Meet. . . . It seems that all depends on whether or not the Illinois Relays are revived. At the present time Athletic Director Huff of the Urbana School does not favor such a move, so long live the Armour Tech meet. . . . Michigan State's strong medley team had little trouble repeating their '34 victory. . . . A little pressure from the field and there would have been another new record in the books. . . . Wholesale record breaking is a thing of the past. . . . The marks are now up in the sky and only super-performances will cause any revision in the future. . . . 1932 saw the greatest assault on the records; but don't forget that was the year the Relays blossomed out into the big league class. . . . The east may have its Baxter mile and its Wannamaker mile but for real excitement we'll take the Armour University one mile relay. . . . In the first section of this race Pitt, Illinois, Northwestern and Wisconsin battled for honors. . . . In the second section Indiana, Notre Dame and Chicago matched strides. . . . After much cogitation and comparison of times the judges found that Pitt was first, Illinois second, Northwestern third, Indiana fourth and Wisconsin fifth. . . . In the shuffle

Notre Dame and Chicago got left. . . . Bill Krafft always gets the softest of jobs. . . . His main duty Saturday was to pick a fifth place winner in each of the races. . . . The rest of the time he spent in telling how his basketball team won eleven and lost three or sumpin'. . . . Three advertised performers failed to appear. . . . Murphy of Notre Dame went to the K. C. games where he got a fifth in the high jump, Sear of Butler who appeared in the same meet and Rosenkrantz who performed in the Jewish Olympics whatever and wherever they may have been held. . . . A lad with the name Brockmann wore Rosenkrantz's number and caused no end of confusion. . . . While we are on this name business we should mention Joe Kappenberger of Kansas State who did some neat hurdle topping. . . . He tied the 70 yard low record and came back later to stumble and fall to a high stick championship. . . . The pole vault began at 7 p. m. and finished at 11:15 as Irving Seeley, Big Ten Champ did a sample vault for the benefit of newspaper cameras at a height of eleven feet. . . . Well, that's our story and we're stuck with it. . . . Nevertheless we will say that if bigger and better A. I. T. Relays are made then John Schommer, Alonzo Stagg and George Allison will have to make them. . . . Our hat's off to you, gentlemen.

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