



JUNIOR DANCE TO FEATURE TEXANS OF GORDE BIRCH

Mary Williams, Popular Radio Performer, to Sing

BIDS SELLING FAST

Gorde Birch and his Texans, a popular Chicago dance orchestra, will furnish the rhythm for the Junior Formal to be held in the famous Pompeian Room of the Congress Hotel Friday night, May 19, at the close of Junior Week. Gorde Birch's orchestra has enjoyed considerable popularity in the Chicago region and has been widely acclaimed for its numerous novelties. The band is made up of versatile musicians as every one of the group is not only proficient on several instruments but can also sing.

Radio Star to Sing

The singing of Mary Williams, a well known radio celebrity, will be featured during the evening. She will accompany Gorde Birch with several current melodies. The music, the elegant Pompeian Room of the Congress, with its luxurious appointments, and the delicious food which will be served to the dancers will all contribute to make the dance a beautiful memory in the minds of those who attend. The junior social committee has been very fortunate in being able to combine an extraordinary orchestra with one of the most beautiful ballrooms in the city as a background for the festivities.

Expect Large Attendance

The bids for the dance which were put on sale last week at four and a half are already selling fast, and the dance promises to be well attended according to the members of the junior social committee who are now busy with the final arrangements. The bids have received many favorable comments from the students during the past few weeks, as they are not only attractive but also daringly original, being made from metal. They will be accompanied by handsome favors which have been prepared for the fortunate young ladies who will attend.

The junior class invites every one to attend the affair and urges the students to start making arrangements for their bids at once.

Juvinall Speaks On Radium's Use

James W. Juvinall, '33, delivered an address to the A. I. E. E. on radium last week, stressing its importance in combating that deadly disease, cancer.

Radium is a product obtained from the impurities of uranium, and is one of the costliest of elements. It is continually undergoing radio-active disintegration and evolving radon, a gas that is identical to radium in its chemical properties except that its half life is 385 days while that of radium is 1750 years. This gas after being purified for commercial use, is then placed into a small glass tube, about a millimeter in diameter and a centimeter long, and placed in a silver container for storage. Extreme care must be exercised in the use of radium, since the gamma rays are powerful enough to penetrate a ten-inch thickness of lead, and a severe burn as a result of over exposure to these rays is likely to cause death.

These gamma rays, however, when used with the proper care, are one of the most effective cures for cancer yet discovered. These rays, when applied with a certain fixed intensity, kill the cancerous cells, leaving the normal cells unharmed.

Juvinall's talk disclosed a thorough knowledge of his subject, and his effective presentation made the ravages of this dread disease seem so vivid that one of the audience fainted and was taken from the room.

CARPENTER MADE MEMBER OF PHI LAMBDA Upsilon

Professor Arthur Howe Carpenter, member of the chemical department and professor in metallurgy, was elected to membership in the Omicron chapter of Phi Lambda Upsilon, honorary chemical society on Friday, May 5. The initiation will take place on the evening of May 25 at the Phi Kappa Sigma house.

Professor Carpenter was born at Georgetown, Colorado, in 1877. His father, Dr. Franklin Carpenter, also a mining and metallurgical engineer, became president of the South Dakota School of Mines at Rapid City, and here Professor Carpenter received his early schooling.

Attended Ohio University. In 1894, he entered Ohio University, and from this university obtained his master's degree in chemistry. He spent two years of his college life at Northwestern University where he was a member of Delta Tau Delta fraternity.

Besides Delta Tau Delta, Professor Carpenter is a member of the American Institute of Mining and Metallurgical Engineers, American Chemical Society, American Association for the Advancement of Science, Society for the Promotion of Engineering Education, Pi Gamma Mu, Sons of the American Revolution, and American Association of Variable Star Observers.

Possesses Many Patents

He is the possessor of patents on several processes, among them one for treating nickel bearing ores. He has patented processes for treatment of nickel, vanadium and other ores, and also patented, in conjunction with his father, processes for refining copper mattes. In addition he is a contributor of articles to several mining magazines.

His hobby is astronomy. He discovered a comet at fifteen years of age, and has made two reflecting telescopes, one of them ten inches in diameter.

Holsman Speaks on Armour Radio Hour

Last Sunday, Mr. Henry K. Holsman, a fellow of the American Institute of Architects presented a talk over the Armour Institute weekly Radio program. The subject was "Blighted Area Housing" and dealt with the destruction of unsightly buildings and the possible solution for their reconstruction. A great deal of this work is being done in the large cities today, especially in Chicago for a Century of Progress Exposition.

Mr. Holsman is chairman of the "The Blighted Area Housing" Committee of the Architects Club of Chicago and his experience well qualified him for this type of work.

Armour Engineer to Be Issued Tomorrow

The May issue of the *Armour Engineer* will be distributed tomorrow, Wednesday, May 10, it was announced by Herbert Kreisman, editor-in-chief. Four feature articles will be contained in this issue, the last of the present school year. The variety of the subjects dealt with is intended to provide interest to students in every department. Professor William Colvert is the author of "X-Ray Absorption, Measurement, and Application," while Bernard H. Loesche has an article on "Air Conditioning for Radio Broadcasting Studios." Professor Harry Bentley is the writer of "Perspective and Encouragement" and the concluding article is the second of two parts of "Economic Stability, Fallacy or Future Possibility," written by R. S. Kenrick, an Armour alumnus.

The *Armour Engineer* has recently been the recipient of an All-American Honor Rating, given by the National Scholastic Press Association. This rating is the highest award given by the association. Out of a possible 1000 points the *Armour Engineer* received 930.

Alfred Curzon, a faithful employee of Armour Institute for the past 22 years, in the capacity of cloak-room attendant, passed away early Sunday morning, after four weeks of serious illness. "Al," as he was familiarly known to his many friends at Armour was a source of cheerfulness to all who knew him.

Musical Clubs Ready for Annual Concert

Preparations for the annual spring concert to be presented by the Armour Tech Musical Clubs a week from tomorrow, are rapidly being completed. The fine work of these organizations as evinced by the enthusiasm by which their concerts have been received over the air and on the stage, indicates an excellent program is in store for the Tech audience.

The octet is an organization that was developed last semester, and which is directly connected with the glee club. It has continued its work since the last concert, and will present several numbers this spring.

By next week all plans will be made, and the program will be printed in the News. Mr. Erickson, the director, has received a letter from WMAQ inviting the glee club to present a program over that station.

Armour Players Meet Tomorrow

A meeting of all the members of the Armour Players as well as any underclassmen who wish to join will be held tomorrow afternoon in Assembly Hall at five o'clock. W. W. Davies, president of the club, is calling the meeting in order to discuss plans for next year and to elect new officers. Past performances will be discussed, and methods of improving the acting will be pointed out. Professor Hendricks will address the club during the meeting.

The Armour Players have met with a great deal of success since their inception last year, and the founders hope to have the organization prosper in the future. Thus far they have presented three plays all of which have been widely acclaimed. Since the club has become such an integral part of student life, it is hoped that it will continue; and new men are urged to come out and replace the members who graduate.

1934 Schmier Model Takes Form of Benzene Ring With Floating Valence

The famous senior "schmier" badge has taken a new, and, we hope, final form. The old broken flask pin decided to get lost while in the possession of "schmier" Hank Fishman, and so obliging Harold (time to close up) Hoebel promptly cast two other NEW model schmier awards. Hank says that the old broken flask pin of which he was the proud (?) possessor fell off his coat, but we have our legitimate doubts. Maybe he ran short of telephone slugs and saw in the lead medallion a means of replenishing his stock—we don't know, and Hank sticks to his original alibi.

But as a matter of fact, Hank's loss was the school's gain. An incentive was supplied Mr. Harold Hoebel, esquire, for creating his 1934 version of the Schmier Special. This 1934 model contains all the utilitarian features of the old model besides incorporating the sleek appearance and stream line effect so popular with the Techawks this year. It was made from type metal into a neat little hexagon to represent the familiar benzene ring. And the letters of the word "schmier" were stamped in the corners of the hexagon. The fact that there was one more letter than there were corners didn't bother Harold a bit. He just put the extra "n" in the middle. That, sez he, is its floating valence.

INTERFRATERNITY COUNCIL SELECTS MEN FOR OFFICE

In an election held in the Eta Kappa Nu rooms on Friday, May 5, men were selected for offices in the interfraternity council.

The new officers elected are as follows: J. A. Larson, president; A. W. Oberbeck, secretary; C. H. Sachs, treasurer; and H. J. Zibble, hand-book editor. These men succeed W. W. Lange, R. J. Dufour, B. Larson, and T. C. Peavey who held the offices of president, secretary, treasurer and hand-book editor respectively in the past.

In addition to the election of the new officers, the order of singing in the interfraternity sing to be held on Wednesday night of Junior Week was also decided upon.

The group also passed an amendment relating to eligibility of men for interfraternity competition. This amendment is as follows:

Amendment Relating to Interfraternity Competition

Article I
No one with a major or minor letter shall be permitted to participate in the sport in which he was awarded the letter.

Article II
No pledge may compete in the same sport a second season.

Article III
All awards shall be traveling and become the permanent possession of the fraternity which first wins three competitions in the award. A new award shall then be started.

Article IV
No one shall be eligible to play unless pledged and properly registered at least six weeks previous to the opening date of the first round of the competition.

Suman Elected A. S. M. E. Head

Robert W. Suman was elected president of the A. S. M. E. at a meeting held last Friday while Irving A. Kolve and John B. Lukey were elected secretary and treasurer respectively.

Besides the election, plans for a farewell smoker for the departing seniors were discussed as well as plans for a final meeting to which all the sophomore and junior mechanicals will be invited. Reduced membership fees were also considered.

Civils on Annual Inspection Trips

About seventy Armour upper classmen of the Civil Engineering Department spent last Friday, in spite of the rain, on an inspection trip of the Lakes-to-Gulf Waterway. The expedition, which was under the supervision of Dean Penn and Professors Wells, Grafton, Stevens and Ensz, had as its guides R. F. Stellar and Leonard Dicke, Armour graduates who are employed by the government on the work.

The trip was made in a fleet of cars, which met first at the Chicago Sanitary District power house at Lockport. In this town are located the most important works on the waterway. After inspecting these, the group proceeded southward along the Illinois river.

All along the route were locks and bridges which were of great interest to the civils in spite of the fact that the continuous downpour of rain was apt to dampen their enthusiasm for looking at canals. However, it became apparent, after the group had eaten lunch at Morris, that the rain would not let up, and the rest of the trip was therefore called off.

Visit Elgin Plants

Previous to this, on Tuesday, May 2, the senior civils, accompanied by Professor Harold A. Vagborg, had made an inspection trip of sewage treatment plants in the Fox River Valley.

The plants of the Elgin Sanitary District, the Elgin State Hospital, the Aurora Sanitary District and the Hinsdale Sanitary District were visited.

The Elgin plant was very interesting in that the plant has been provided with two types of treatment; the Imhoff tank and sprinkling filter; and the separate sludge digestion and sprinkling filter. Mr. E. Smith, superintendent at this plant pointed out the merits of each type of treatment as he has been able to determine them on such an excellent comparative basis.

An interesting feature of the plant at the Elgin State Hospital was the great need for screening because of a habit of the inmates of the hospital of throwing great quantities of bedding, clothing, etc., into the sewer system.

F. P. E. S. to Elect Officers Next Friday

Election of officers of the F. P. E. S. for next year will take place next Friday at ten-thirty at the annual business meeting of the society. The treasurer's report for the past year will also be rendered.

An Armour graduate, E. R. Cole, of the class of 1918, gave a short talk at the last meeting of the society and also led a discussion. His talk dealt with problems of a local agent.

Principal problems of the local agent as outlined by the speaker were the problems of credit abuses, the difficulty in selecting the soundest companies, and the competition with unscrupulous competitors.

A weak or lax agent may extend credit unduly in order to obtain business. The fallacy of this as pointed out by Mr. Cole lies in the subsequent loss to the company and consequent loss to the agent.

The investment portion of an insurance business is an essential portion of the organization. Reserves must be set aside for unearned premiums, for probable losses, for business expenses and for unexpected contingencies. The rest of the funds must be invested safely and yet at a fair profit. The agent must consider the condition of the company before he places his client's insurance there, for although he has no financial responsibility, he has a definite moral responsibility to give his client the benefit of his best judgment.

The cut-throat actions of fly-by-night insurance solicitors are being curbed in Illinois, according to the speaker, with the appointment of Ernest Palmer, an experienced insurance man, as state insurance commissioner. The drafting of a new licensing act is also helping.

PLANS COMPLETE FOR PROGRAM OF JUNIOR ACTIVITIES

Class Rush to Feature Week of Varied Events

OPEN HOUSE MONDAY

As time rolls by, plans for Junior Week are rapidly being arranged and completed by the Junior marshals and their assistants.

The program for the week running from May 15 to May 20 has been practically completed and is as follows:

Monday—
3:00 P.M.—Baseball game. Michigan State Normal at Armour.
7:30 P.M.—Open House.

Tuesday—
10:30 A.M.—Soft-ball game between freshmen and sophomores.
2:00 P.M.—Interfraternity relay meet.

Wednesday—
10:30 A.M.—Pentathlon.
3:00 P.M.—Baseball game. Wheaton at Armour.
7:30 P.M.—Spring musical concert.

Thursday—
10:00 A.M.—Preliminaries of interfraternity track meet.
1:00 P.M.—Finals of interfraternity track meet.

Friday—
10:30 A.M.—Inter-class relay meet.
1:00 P.M.—Class rush.
2:00 P.M.—Interfraternity Pageant.
4:00 P.M.—Presentation of awards.
9:30 P.M.—Junior Prom.

Saturday—
Baseball game. Armour at Wheaton.

The schedule as arranged contains many interesting features and also a very busy week. Invitations have been extended to many of the high schools in Chicago and vicinity to attend on Open House night. This event always attracts large crowds of interested individuals.

On Thursday, preliminaries in the track and field events such as the pole vault, discus, javelin, high jump, shot put, and the dashes will be run off in the morning and the winners of these preliminary events will meet in the finals in the afternoon.

All of the events already planned seem to indicate a very successful Junior Week program, one which is always looked for and well remembered.

Chess Club Loses to Wheaton, 2-3

Travelling out to Wheaton college last Thursday afternoon, the Armour Chess Club engaged in the first match in which it ever participated.

Unfortunately Armour came out second best in what proved to be a very close and interesting match, and judging from the attention and keen interest which the boys displayed, they will soon develop into a powerful team.

However, the boys started off auspiciously enough, for Alberti (A) beat Moule (W) and Laestadius (A) beat Cowie (W), but after that the closest Armour could come to another victory occurred when Lodeski (A) tied O'Brien (W) at one each, as the time remaining was not sufficient to complete the deciding game. Hella (A) was defeated by Smith (W) while Cramer (A) and Paslowsky (A) lost to Dalton (W) and Muck (W) respectively.

All the members spent an enjoyable afternoon, and a return match is being contemplated as the Armour chessmen are anxious to even up matters.

Anyone who is desirous of joining the club for next year should see any of the members for information.

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Junior Week

Junior Week this year promises to be one of the greatest in the history of this annual event. Never before has as much work been expanded in the making and planning of the various activities and events. Success or failure of Junior Week now rests solely with you. Let's review the schedule of events as outlined on the first page.

Monday evening your school invites you and your friends to attend Open House night. Inform your acquaintances of this great opportunity to visit Armour and to see the various classes in session.

The following Wednesday evening the Armour Musical Clubs will present their annual concert. An unusually fine program will be offered. Don't forget the Inter-fraternity Sing and the awarding of Honor Cycles.

Friday evening the grand finale of Junior Week will take place at the Pompeian Room of the Congress Hotel. With this, the greatest event on the social calendar of the school year, Junior Week will come to a close.

GUEST EDITORIAL

Profit by Experience

By Herbert Kreisman

In an article appearing in the newspapers recently, a prominent psychologist made the statement that, discounting the benefits derived from experience, a man between the ages of 20 and 25 is at his peak, both physically and mentally. If, therefore, a man between these ages can, to some extent, benefit by the experience of others or by his own, he will secure much more from existence. It is often this factor, experience, which marks a man superior to his fellow beings, and because of its importance, greater stress should be attached to it.

It is not an infrequent sight to observe a student making a similar mistake over and over again, apparently not profiting in the least by his errors. Such a person is losing an exceedingly valuable part of his education, the ability to profit by past mistakes. It is this aptitude which raises one man above another, and one generation above the succeeding one.

The above argument is applicable, although to a lesser extent, perhaps, with regard to profiting from others' errors. One might argue that, unless a person makes his own mistakes, he will not know that they are mistakes. But the world would make small progress if benefits were not derived from others' faults.

It is obvious in what direction the above discussion leads. A concentrated effort on the part of the student to make his experience usable will not only benefit him as a student and as a man, but will also tend to aid civilization in general.

"The Slipstick"

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

Again we know that spring is here. No, we aren't forecasting its coming by the weather for it hasn't been holding up its end of the bargain with the season. It is the nearness of Junior week that tells us it is almost upon us. So fellers, you had better be digging the old tux out of the moth balls and get the best gal dated up for the 19th of May. Not alone for the dance in the evening, but why not bring the gal around for the Circus Day? She might enjoy some of the lighter moments of her Armour engineer.

DUMBBELL POEM

"Youth calls to youth," the poet says,
And it's a good thing, too;
If youth did not, the telephones
Would bring less revenue.

If a boy is a lad and the lad has a stepfather, does that make the boy a step ladder?

Joe: What makes you think Bill is a sissy?
Moe: What else could a fellow be that carries a glass with his whiskey bottle?

"Would you believe it? He actually ran away as they were standing at the altar."
"Lost his nerve I suppose?"
"No—found it again."

"How was the prohibition lecture?"
"Great, except the lecturer absent-mindedly tried to blow the foam from his glass of water."

Minute Philosophy

A husband is all that is left of the sweetheart after the nerves have been extracted.
It's funny how many complain of being poor and how few of being foolish.
The ultimate in women's clothes is to feel the coolest and look the hottest.

"Daughter," said her father, "there are worse places than home to spend an evening."
"Don't I know it," retorted his modern daughter, "and Bob and I are going to visit several of them tonight."

Lady: "How could you find the penny I gave you so quickly?"
Beggar: "I am not the blind man. I am just sitting here while he has gone to the cinema."

MUNCHAUSEN AT THE TEE

The golf season seems to have opened for here are some stories that have come to our attention.
About the golfer who made a hole in one on his first drive of the season. Another player in Texas drove his ball seventy-five yards into the hip pocket of a passer-by. Still another slammed his sphere into a passing airplane and it came down ninety miles away. Undoubtedly, the golf season has started.

Prof.—Why don't you laugh at my jokes?
Stude—Because I was brought up to respect old age and feebleness.

EXCELLENT REASON

"Oh, what a strange looking cow," exclaimed the sweet young thing. "But why hasn't it any horns?"
"Well, you see," explained the farmer, "some cows are born without horns and some never have any, others shed theirs, and some we dehorn, and some breeds aren't supposed to have horns at all. There's a lot of reasons why some cows haven't got horns, but the big reason why that cow hasn't got horns is because she isn't a cow—she's a horse."

It's a great life if you don't WEEK end.

Foreman (on excavating job): Do you think you are fit for really hard labor?
Applicant: Well, some of the best judges in the country have thought so.

Many a dull wife will make a merry widow.

One man that is sure that man descended from a monkey is the fellow who sweeps up the peanut shells after the ball game.

SUMMER THOUGHTS

A noted health authority states that during the hot weather babies should wear as few clothes as possible.
Ed.'s Note. (But there doesn't seem to be any age limit on the babies.)

"The maxim that honesty is the best policy is one which, perhaps, no one is ever habitually guided by in practice. An honest man is always before it, and a knave generally behind it."—Whately.

"Men mark when prophecies hit, and never mark when they miss; as they do, generally, also at dreams."—Bacon.

"Decision by majorities is as much an expedient as lighting by gas."—Gladstone.

No, we aren't going to inflate the last line. The truth of the matter is we haven't anything to inflate, so we are going to pass the weekly dividend on last lines.
—THE DEACON.

Tech Students in Competition

G. H. Berquist, J. A. Ferrara, and J. H. Scheyer, students of Armour Institute of Technology, are entrants in the national scholarship competition of the Boeing School of Aeronautics at Oakland, California. This scholarship attracts essays from students in all colleges of the country.

The judgments are to be made May 8, and the awards will be a master pilot course as first prize, and three courses in master mechanics and also a master pilot ground course. These courses will extend over a nine month period starting either July 5 or October 2.

Movie Notes

Two sons and a daughter of a multi-millionaire fail their father in "Sweepings," now at the McVickers Theater and starring Lionel Barrymore.

Wastrels all, the sons become involved in sordid scandals with women and a murder, and the headstrong daughter spends millions in the husband market, frittering her inheritance away for titles and for false love. After a lifetime of unremitting toil to amass a huge fortune and to become a monarch of the mercantile world, the father, played by Barrymore, finds himself the laughing stock of the nation because of the notoriety of his misguided children.

George Arliss has found the perfect role in his latest picture, "Working Man" now at the United Artists Theater.

It is a highly spiced comedy drama of American business and youthful folly in which the star appears as a short-tempered, soft-hearted champion of "big business" who steals time from his own affairs to straighten the lives of the orphaned children of his former strongest competitor.

It is a story filled with humor and amusing situations, replete with real drama, played by a cast of all-star calibre, including Bette Davis, Hardie Albright, J. Farrell MacDonald, Gordon Westcott and Theodore Newton.

"Cavalcade" now at the Oriental Theater, is the story of the Marryots, a middle class family of England. It covers the period from 1900 to the present day, and the absorbing story is etched against a vivid background of historical happenings during that time. Numerous spectacular episodes add to the dramatic power of "Cavalcade," and include a number of historic events leading up to a kaleidoscopic resume of the chaotic conditions of present day life.

The cast of "Cavalcade" includes the noted English star, Diana Wynyard, Clive Brooks, and Beryl Mercer.

The Chicago Theater is presenting Earl Hines and his NBC orchestra who come from sensational successes at the Grand Terrace Cafe. Hines himself is no mean pianist while every member of the band is a versatile performer.

Valaida, the star of "Rhapsody in Black," will also be in the show singing, dancing, and entertaining as only she can. Others in the show include Paul and Bobby Meers, dance sensations from Connie's Inn, Harlem Geneva Washington, who sings blues; Louise Cook, with primitive jungle rhythm that thrills to the finger tips; Billy Mitchell, a laugh-a-second comedian with his Hot Dog!; Three Lightning Flashes who make lightning seem slow; Eunice Wilson with her capitivating songs and last but not least the original hotcha Darktown Strutters, a bevy of high-stepping, fast-moving chorines in a gorgeous, color-drenched production spectacle.

"Ex-Lady" on the screen brings a brand new star to the screen in the person of Bette Davis. That she gives a good account of herself in the stellar role as an ultra-modern girl who flouts the conventions of marriage to lead her own life would be indicated from her talented work in other performances.

ARX NEWS

The freshman architects are no tamer than any other of the frosh, and they threaten to be potential rivals of the sophs in the forthcoming class rush.

The first indication of their enmity was a bold bulletin posted for the sophomore architects. This notice was in reality a warning to the effect that very drastic measures were to be prevailed upon any sophomore who was courageous enough to venture into the freshman drafting room.

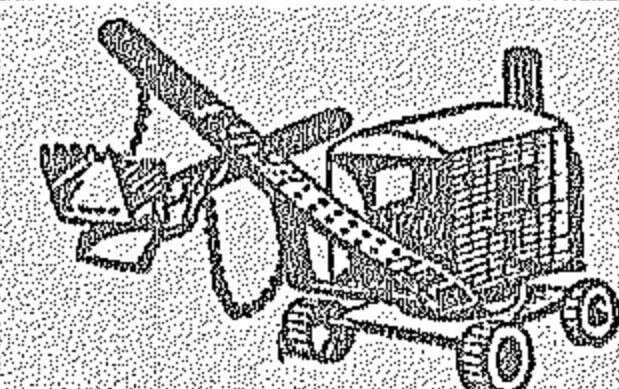
When the sophomore "wolves", dressed for the occasion, entered the frosh room to "call the bluff", yours truly was on hand to witness any "fireworks"; but Prof. Suter wisely and tactfully prevented any pre-rush outbreak. Pretty lucky, frosh!!!

The seniors are reeling off roll after roll of tracing paper in the study of their "Memorials to Bach" projects. One member of the senior class, in an effort to get into the spirit of the problem, went so far as to purchase four phonograph recordings of one of Bach's symphonies.

Speaking of memorials, something of the sort ought to be erected to the HONORABLE MILTON KOHN, who is the first member of the sophomore class to rate better than a mention in two years of charcoal freehand drawing. Milt "went to town" with a first mention on a recent judgment while the grand sum of fifteen of his classmates were awarded mentions, which, incidentally are nothing to be sniffed at.

An esquisse-esquisse of "A Beach Club" was presented to the sophs in preparation for their final rendu on May 25. The juniors are very cautiously studying their clubs, in order to make this projet count. EAGLE EYE.

THE STEAM SHOVEL



Julius R. Kuh's favorite hobby is filling out applications for jobs. In case you get a few extra jobs, Julie, let the boys know, won't you?

If you see Roy Wittkindt, Russ Lang, Russ Miller, or Bob Dalton strutting around like cocks of the walks, that's because they were made the bosses for the soph chemiker open house night show.

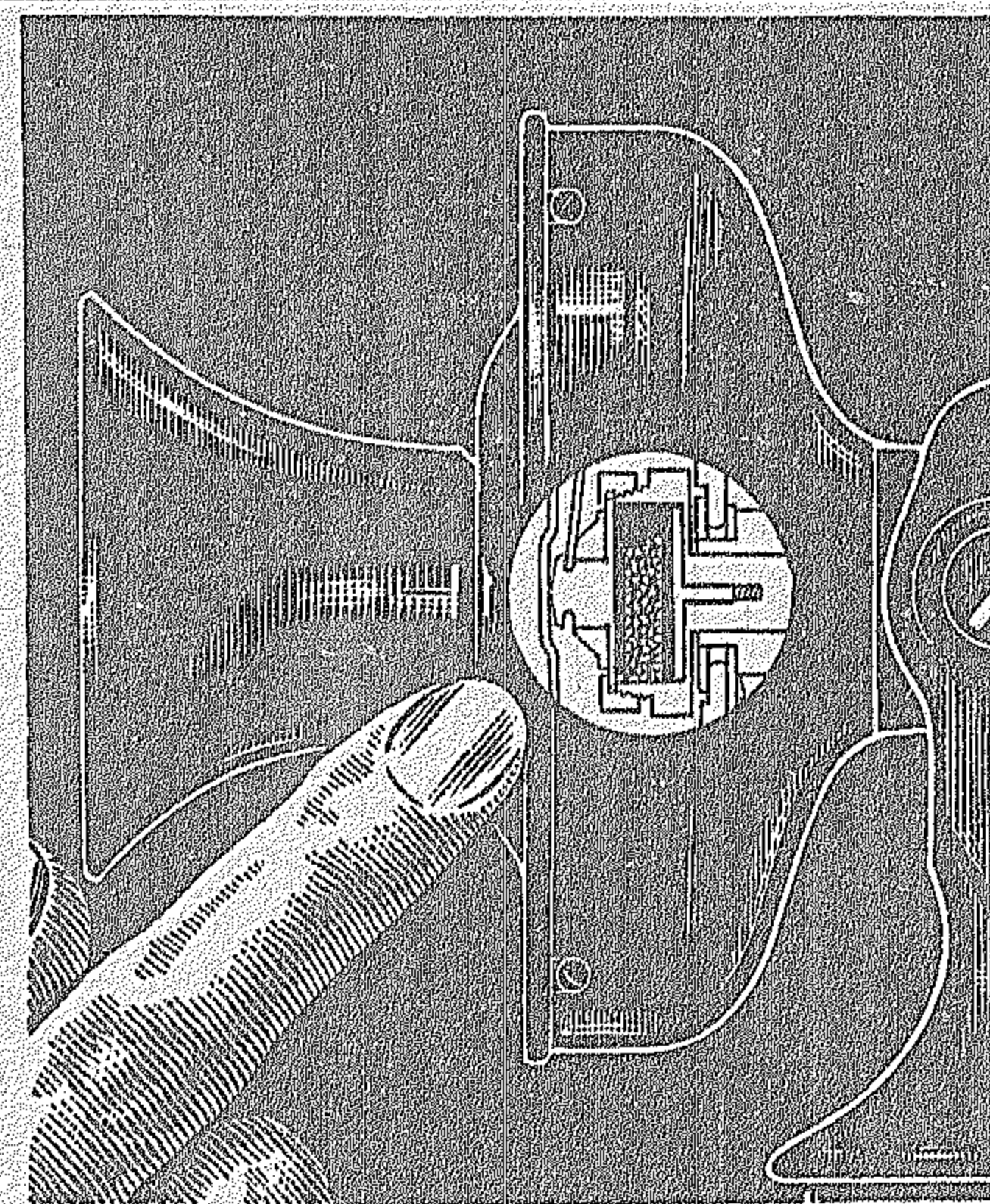
Junior mechanical on double date explaining an incident in dynamics class: "The prof asked me the difference in sensibility between a high speed and low speed governor today."

One of the Babes interrupting: "We're studying those now too. Who have you got for Civics?"

WALT WINCHELL reports that MILTON CLYDE ADAIR'S name was "RINK" at Deerfield Shields' High School. We'd like to know if he got the name from playing "Rink" around the Rosies."

GUY MAURICE WILCOX had plenty of water and plenty of corks at his lecture Friday—but no soap! Some of the suffering sophs relaxed after ascertaining the above fact.

GEORGE ORMSBY just barely avoided a departing Friday. After Doc Scherger's History lecture, some sophs waited expectantly at the door, but George discreetly "snuck" out the back way.



Vocal cords made of coal!

Typical of Western Electric care and precision in manufacturing Bell Telephone apparatus, is the making of the transmitter button which transforms spoken words into electrical impulses.

This transmitter button—the telephone's vocal cords—contains coal. Only a fine grade of selected anthracite, specially treated, is suited for this delicate work. First the coal is ground into fine granular form—next it is carefully sifted and washed. Then, after being roasted in special ovens, it is put into the transmitter button. Approximately 50,000 tiny grains must go into each button—too few or too many would impair transmission.

Such infinite care with "little things" is one reason why Bell System apparatus serves so faithfully.

BELL SYSTEM



TELEPHONE HOME ONE NIGHT EACH WEEK
... LOWER RATES AFTER EIGHT-THIRTY

OTHER CAMPUSES

The question to be answered by co-eds of Butler University in a questionnaire circulated on that campus is, "Does Butler University have an ideal man?" Some of the questions are: If you took his (the ideal man's) fraternity pin or ring, would you consider this a "college romance" or a bona-fide engagement? Do you want him to be popular with other girls? Must his father be well-to-do? Must he be sophisticated, blond or brunette, an "A" or "B" student?

Opening of the summer semester in German universities has been marked by the dismissal of thirty professors from Berlin and Cologne Universities.

The annual freshman cap burning ceremony will be held tonight on the campus at the University of Indiana.

Dr. Robert A. Millikan of the California Institute of Technology claims the first successful direct measurement of the energy of cosmic rays, those beams which are continually bombarding the earth with energy estimated at 500,000,000 volts.

A University of Texas undergraduate will trade five years of his post-graduate life for three thousand dollars because he reasons that he can not work and get the most out of his studies at the same time.

The one hundred thirteenth anniversary of the founding of Indiana University was celebrated with impressive ceremonies on Wednesday of last week.

According to reports from Stanford University, a gallon of 3.2 is insufficient to produce intoxication.

A professor at Syracuse University, although confined to the hospital because of appendicitis, broadcast his lectures from his hospital room and required the class to take notes.

Students of Miami University are preparing their candidates to be entered in a contest for the "Ugliest Man" in the school.

At the University of Texas a freshman co-ed stopped a passing street car, placed one foot on the lower step, tied her shoe, thanked the conductor, and walked off.

One of the university houses at Marquette University has a skunk for a mascot, but it is said that he underwent a minor operation before he was initiated.

Part of the initiation at New York University for freshmen consists of ducking them in a watering trough called the fountain of knowledge.

According to the freshmen at the University of Syracuse, a girl should learn how to dance, smoke, drink, and neck before entering college.

Men's Styles Run to Plaids, Checks

Coats or trousers in checks and plaids of all colors, are dominant in the college man's wardrobe this spring, according to the Indiana Daily Student. Gray and brown are the leaders and the checks and plaids are being worn, respectively, with complimenting trousers and coats of plain weaves and tweeds.

The reversing of the dark coat and light trousers to the light coat and dark trousers is one of the ideas which is being taken up this season with enthusiasm, particularly among college men.

To the student seeking originality, four outfits may be created by the combination of a light weight wool suit in either gray or brown with a white gabardine or Palm Beach suit. A brown suit is especially smart when combined with white, and grays are equally good when rust oxfords and matching hat are worn. Men's shoes are mostly all white this spring.

A smart combination might be suggested in the way of a coat of white gabardine, brown trousers, white buck shoes, and hat with brim snapped. Slacks also may be added to the summer wardrobe for additional variety.

Magician Performs Before Truss Club

Frances Haldane, the magician who caused the bird cage to disappear from Professor Freeman's hands at the A. I. E. E. smoker, gave a performance at the card party and radio dance of the Truss Club, Saturday, April 22. Two of his examples of the power of mental telepathy were the answering of unspoken questions, and the reading of several persons' minds.

On Wednesday, April 19, at the regular meeting of the Truss club, the following men were elected to their respective offices: L. A. Callen, president; C. F. Lewis, vice-president; L. J. McDonald, secretary; A. Stasiulis, treasurer; N. H. Kuehn, sergeant-at-arms; and C. W. Thomas, steward.

The faculty adviser will be Professor C. R. Swineford.

Plans are being made for the annual spring dance, which will be given on May 27.

CAMPUS CLUB PLEDGES

The Campus Club takes pleasure in announcing the pledging of the following men: A. W. Blackshaw, B. W. Laestadius, A. W. Lester, R. J. Lodeski, O. J. Schmidt, and C. D. Spangler.

The above named become active upon initiation next semester.

Fraternity Notes

THETA XI

The Annual Spring Formal is to be held on Friday evening, May 12, in conjunction with the Northwestern chapter. The Vista del Lago Club in No Man's Land will be the scene of the occasion.

The second round baseball game with Triangle in the Interfraternity tournament was played last Thursday and our next opponent will be Phi Pi Phi.

PHI KAPPA SIGMA

Plans are being formulated for the Senior Farewell Party to be held on Friday night, May 26. This is an annual formal affair held in honor of those men who will leave school upon graduation in June.

With the approach of Junior Week, the various interfraternity competition events are being prepared for, baseball heading the calendar last week. The second round game of the tournament was played last night with Sigma Kappa Delta.

SIGMA ALPHA MU

An Easter party was held at the home of Fra Arenson recently, where the members of the chapter enjoyed themselves immensely.

Arrangements for the fraternity's hard time party are well under way, May 13, being the date set.

BETA PSI

Last Sunday afternoon the members of Beta Psi played host to their parents and friends at the chapter house. Cards were enjoyed in the afternoon and dancing in the evening. Refreshments consisting of coffee and sandwiches were served.

The members have been practicing for the interfraternity sing and expect to make a better showing than last year. Plans for the circus day stunt are well under way.

Managers for the various sports coming up in the near future have been appointed, and are selecting material for their teams.

RHO DELTA RHO

The chapter takes pleasure in announcing the initiation of Leonard Kaplan, Arch, '36, into the Rho Delta Rho Fraternity.

Our annual "Dinner Dance" will be held at the Allerton House on May 27. This affair is the highlight of our social season and concludes fraternal activities for the school year.

The combination of some fine pitching by Brother Henry Levin and some long distance slugging by Brother Herman Meyer resulted in a victory for the Fraternity baseball team over Delta Tau Delta. The final score was 27 to 5. Brother Meyer walloped two "home runs" and led the hitters for the game.

Seniors Visit Radio Station

Radio station WENR in Downers Grove, which was formerly owned by the Public Service Company but is now part of the NBC network, was the object of an inspection trip made by the senior electricals recently. The trip was conducted by Professors Freeman, Wilcox, and Clifford.

Fifty Kilowatt Station

WENR has a fifty kilowatt output and operates at 870 kilocycles. Transmission is carried on with a hundred kilowatt oscillator and a similar modulator tube, plate voltage being 17,500 volts and "C" bias being 375 volts. Mercury vapor rectifiers furnish the plate power, and motor generator sets supply the grid bias.

While the main plate supply is rectified alternating current, plate voltages for the smaller units are supplied by double end generators of 2,000 volt rating, these being driven by A. C. motors. Large gen-

erators with brass brushes supply the filament current at 33 volts and 1,000 amperes rating.

Amplifiers Battery Operated

Speech amplifying equipment is operated from strong batteries to avoid generator ripples which become very bothersome when highly amplified. Modulation is of the Heising plate circuit type. The field which exists around the transmitter panel is strong enough to light a 60 watt lamp held between two persons by its terminal wires.

The antenna of WENR is a straight vertical pair of wires connected together and forming one side of a system of which a ground is the other side.

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Choice of Meat or Fish, with Vegetable, Bread, Butter, Coffee, Tea, or Milk, and Desert.
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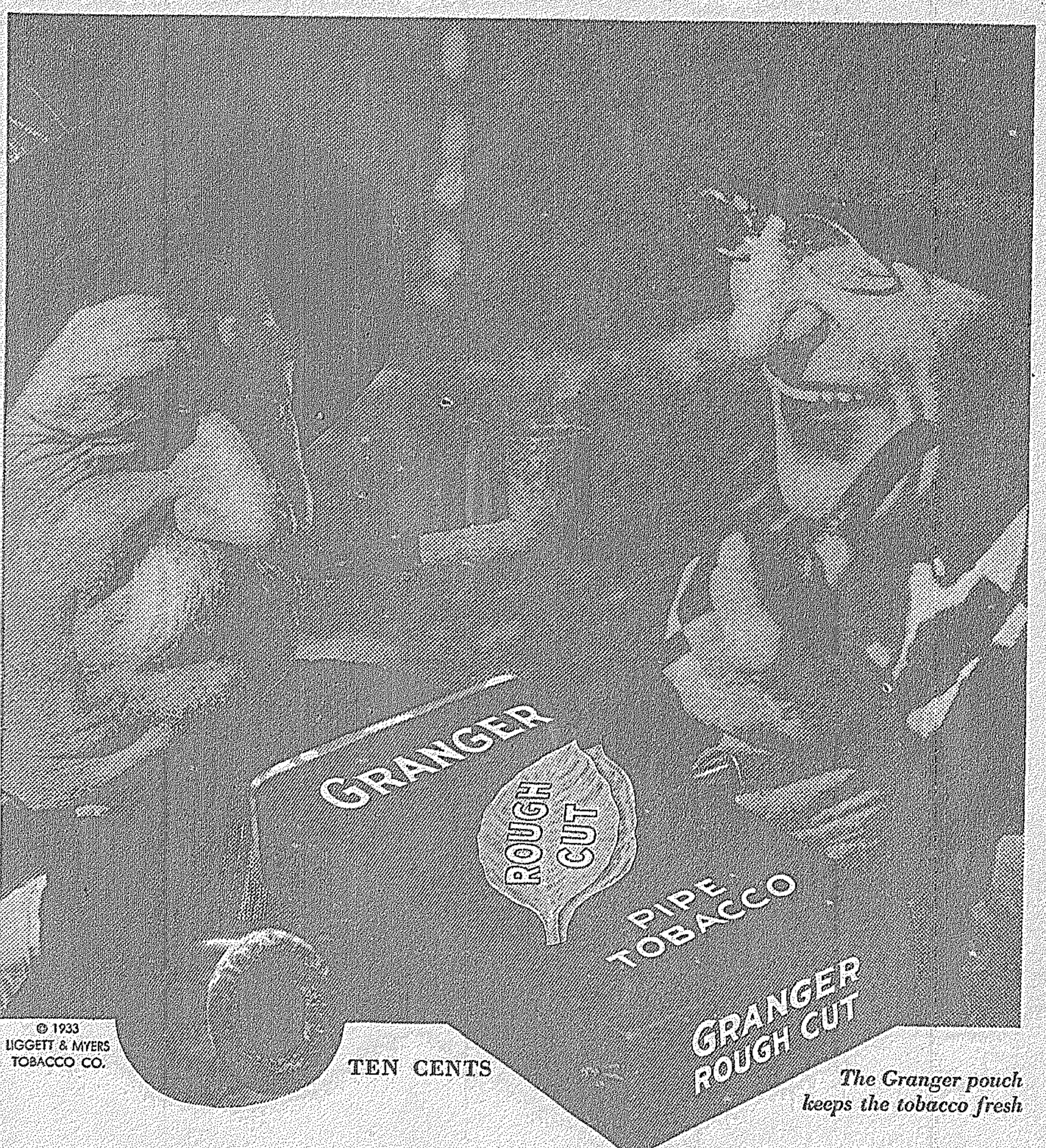
"As long as We're Settling things"

SUPPOSE YOU
TELL ME WHY
YOU SMOKE
GRANGER"

"WELL, it's like this. Back in the old days, when men wore high hats and frock coats, they had plenty of time to think things out, and they had sense, too. They used to sit down on a log and take the time to whittle their tobacco from a plug, to be sure of having a cool smoke.

"In those days, a man named Wellman, right here in Quincy, Ill., made about the best tobacco you could get. He knew how to keep the flavor fine and mellow.

"Well, sir, the people who make this Granger Rough Cut acquired Mr. Wellman's method, and they must have known how the old boys used to whittle their tobacco to make it smoke cool. Yes, sir, this Granger is the real stuff. The same mellowness and fine flavor that Wellman used to hand out to his friends. And it's whittled into big shaggy flakes all ready for the pipe. 'Rough Cut' they call it—'cut rough to smoke cool' is the best way I can describe it.



"Regardless of price, Granger is about the best pipe tobacco I ever smoked. That's why I smoke it, and that's why they call it America's Pipe Tobacco, sir."

Now we wanted to sell Granger for 10¢. It was just a question of how to do it for the price. So we pack Granger in a sensible foil pouch instead of an expensive package, knowing that a man can't smoke the package. We give smokers this good GRANGER tobacco in a common-sense pouch for 10¢.

GRANGER has not been on sale very long, but it has grown to be a popular smoke. And there is this much about it—we have yet to know of a man who started to smoke it, who didn't keep on. Folks seem to like it.

Liggett & Myers Tobacco Co.

TRACKMEN TAKE THIRD VICTORY OF OUTDOOR SEASON

Defeat George Williams College by 82-44 Score

SEASON NEARS CLOSE

On May 1st, the Hawk cinder-path artists took their third victory in four outdoor meets when they defeated the George Williams College team on the latter's track. George Williams College was, until recently, known as the Chicago "Y" College, and is now co-educational, which fact did not disturb the Tech men in the least, although it took them a short while to get started.

As the opponents were strong in the dash events, they took an early lead, with the Tech score being made up of a second in the century by Captain Sademan, and a sweep in the mile run, in which Pattison, Jones and Williams finished in the order named. The winner's margin in the latter event was about two inches.

Armour pulled up on more even terms when Callen and Hanson took first and second in the two mile event, and Nelson and Oberbeck duplicated in the high hurdles. As the track measured seven laps to the mile, the straightaway was not long enough for the 120 yard high hurdles, and the barriers had to be placed along the curves for both the high and low hurdles events. Consequently the Tech men had a tough time getting over them in their usual speed. Nelson seems to be getting back into his old speed and form in hurdling, but is being pushed steadily by Oberbeck and Rosen, especially in the low hurdles.

Triplets Come Through

A slip-up seemed evident when Mr. Kulpak of Bejeck, Kulpak and Nelson, went out of the running in the high jump, and the best Nelson could do was a tie for second, with Bejeck in first at 5 feet 9 inches. However, the boys came right back and swept the broad jump in the order of, Bejeck, Nelson, and Kulpak respectively. The former "Y" men retaliated with the first two places in both the shot put and discus throw, but by this time, Armour was in the lead. Carlstrom took third in the shot put and Manly threw the discus close to 100 ft. for a similar place in that event. Concolino added five points for Ar-

mour with a first in the pole vault.

Another Family Affair

It herewith becomes known that Mr. E. Cordes, known as "Emmy" to his upperclass friend chemicals, taught his brother, a freshman at good old Tech, how to throw the javelin. Well you can see for yourself that the aforesaid brother, Mr. H. Cordes, defeated "Emmy" in this meet with a nice throw of 147 feet 10 inches. Vandrak finished third to sweep the event for Armour.

The meet ended with the 880 yard run, Armour taking first and second, and as usual, Captain Sademan far out in front of the field, to bring the final score to 82-44.

SUMMARIES

100 yd. dash—Won by Hayward, G. W.; second, Sademan, A.; third, J. Lamb. Time—10.6.
 1 mile run—Won by Pattison, A.; second, Jones, A.; third, Williams, A. Time—5:02.2.
 220 yd. dash—Won by Hayward, G. W.; second, J. Lamb, G. W.; third, Concolino, A. Time—24.1.
 120 yd. high hurdles—Won by Nelson, A.; second, Oberbeck, A.; third, McDonald, G. W. Time—17.3.
 440 yd. dash—Won by J. Lamb, G. W.; second, Kenner, A.; third, Neal, A. Time—54.6.
 2 mile run—Won by Callen, A.; second, Hanson, A.; third, Straus, G. W. Time—10:50.4.
 220 yd. low hurdles—Won by Nelson, A.; tied for second, Oberbeck, A.; Rosen, A. Time—29.1.
 880 yd. run—Won by Sademan, A.; second, Pleissner, A.; third, Brown, G. W. Time—2:05.
 Pole vault—Won by Concolino, A.; second, Waring, G. W.; third, E. Lamb, G. W. Height—9 ft.
 High jump—Won by Bejeck, A.; tied for second, Nelson, A.; Raue, G. W. Height—5 ft., 9 in.
 Shot put—Won by Smith, G. W.; second, J. Lamb, G. W.; third, Carlstrom, A. Distance—36 ft., 9 1/2 in.
 Discus throw—Won by J. Lamb, G. W.; second, Smith, G. W.; third, Manly, A. Distance—107 ft., 9 in.
 Broad jump—Won by Bejeck, A.; second, Nelson, A.; third, Kulpak, A. Distance—19 ft., 8 1/2 in.
 Javelin throw—Won by H. Cordes, A.; second, E. Cordes, A.; third, Vandrak, A. Distance—147 ft., 10 in.

TECH SHORTS

By Ray Fleissner

The rain we had last week knocked all sports for a loop. The civil inspection trip along the Illinois waterway, Friday, was a decidedly wet affair and some of the boys couldn't look another drop in the face. The baseball game with North Central scheduled for Naperville last Saturday was postponed to a later date. A golf match with the Tech alumni and a tennis meet with Loyola earlier in the week were also stopped by the weather.

Golfer Weldon "forgot" about the meet with the U. of C. last Thursday, and as a result, kept the rest of the Tech team waiting for an hour and a half. He was called up at school and as noted by the aforesaid members of the team, the salutation of the opening canto offered by Manager Staib, revealed that gentleman in a hitherto unknown light. Tsk, Tsk, Mr. Staib.

The tennis team is unfortunate in losing the services of Spence Cone for the rest of the season. He and Bill Davies were selected to represent Armour in working on a \$1200 traveling scholarship. This work does not permit him enough time for tennis. It will be difficult to replace Spence as he was reaching the peak of his game. In the meets so far this season he showed up well, playing better than he had in any season previous to this. Good luck, Spence.

Armour Tennis Squad Bows to Chicago, 6-3

Because of the rather (?) rainy weather which prevailed for the most part of last week, the Armour tennis team was only able to play one of three tennis meets scheduled. This meet was with the University of Chicago at the Midway.

After losing all three doubles matches, which were played first, the Tech team came back strongly to take three of the six singles matches and make the final match score six matches to three in Chicago's favor. The Tech tennis players who were responsible for Armour's points were Esbensen, who defeated M. Ries, 2-6, 6-2, 6-2; Lammers, who defeated Shindler, 6-1, 6-4; and Armsbury, who defeated Dee, 1-6, 6-1, 6-3.

Meet Lake Forest, De Paul

This week the Techawik tennis squad has matches scheduled with De Paul and Lake Forest. Although the date of the De Paul engagement is not known for certain, it will most likely be played tomorrow afternoon at De Paul. Thursday, Lake Forest's tennis team will furnish the opposition for the Armour team on the home courts.

SINGLES

S. Weiss, Chicago, defeated Stroh, Armour, 6-8, 6-2. Armsbury, Armour, defeated Dee, Chicago, 1-6, 6-1, 6-3. Tyroller, Chicago, defeated Paine, Armour, 6-6, 6-8, 6-4. Patterson, Chicago, defeated McDonough, Armour, 6-2, 6-0. Lammers, Armour, defeated Shindler, Chicago, 6-1, 6-4. Esbensen, Armour, defeated M. Ries, Chicago, 2-6, 6-2, 6-2.

DOUBLES

H. Ries and Patterson, Chicago, defeated Stroh and Armsbury, Armour, 6-2, 6-8. Davidson and T. Weiss, Chicago, defeated Paine and McDonough, Armour, 6-0, 6-0. Dee and S. Weiss defeated Lammers and Esbensen, Armour, 7-5, 6-2.

Tech Baseball Team to Play Lake Forest

The second home game for the Techawik baseball team against league competition will be staged tomorrow afternoon when they meet Lake Forest. Lake Forest defeated Armour in their first encounter this season in an eleven inning game and a victory is necessary in order that Armour keep pace in the league standing. Mayer or Buehne will probably do the flinging for the Techmen.

Friday the Kraftmen will battle Elmhurst at Ogden Field in their first meeting of the season.

This game promises to be a good one as Elmhurst has a strong aggregation this season.

Loses to Ypsilanti

The Techmen lost to Michigan State Normal last Thursday by a score of 13-3. For the greater part of the game the score was close, but the Ypsilanti nine forged ahead at the finish.

Armour Golfers Lose to Maroons

The University of Chicago golfers defeated Armour in a poorly played contest last Tuesday at Olympia Fields, the home course for the U. of C. boys. A thirty-six hole match had been scheduled but at the last moment Chicago declared that the match was to be played over the 18-hole route.

The Armour golfers were handicapped by the absence of Walter Weldon who was detained due to the threatening weather. (See Otto Staib for particulars.) Davidson, Johannisson, and Ahern had to play three men from Chicago. Davidson obtained an even break with his man to make the best showing of the Techmen.

Alumni Match Postponed

A match was scheduled with the Alumni for Saturday but it had to be postponed due to the wet grounds, the heavy rains of Friday making the course too soggy for play.

PROM NOTICE
Tuxedos and Full Dress For Rent
 Reasonable Rates to ARMOUR STUDENTS

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 54 W. Randolph Street
 Room 501, Woods Theatre Bldg.

LATE SPORTS

HAWKS LOSE TO BRADLEY ON HOME TRACK

In the annual meeting between Brodley Tech and Armour held last Saturday on the Stagg field track, the Peoria team showed its strength by defeating the home Techs by an 82-44 score. The visitors took ten first places in fourteen events and carried enough seconds and thirds to give decisive margin.

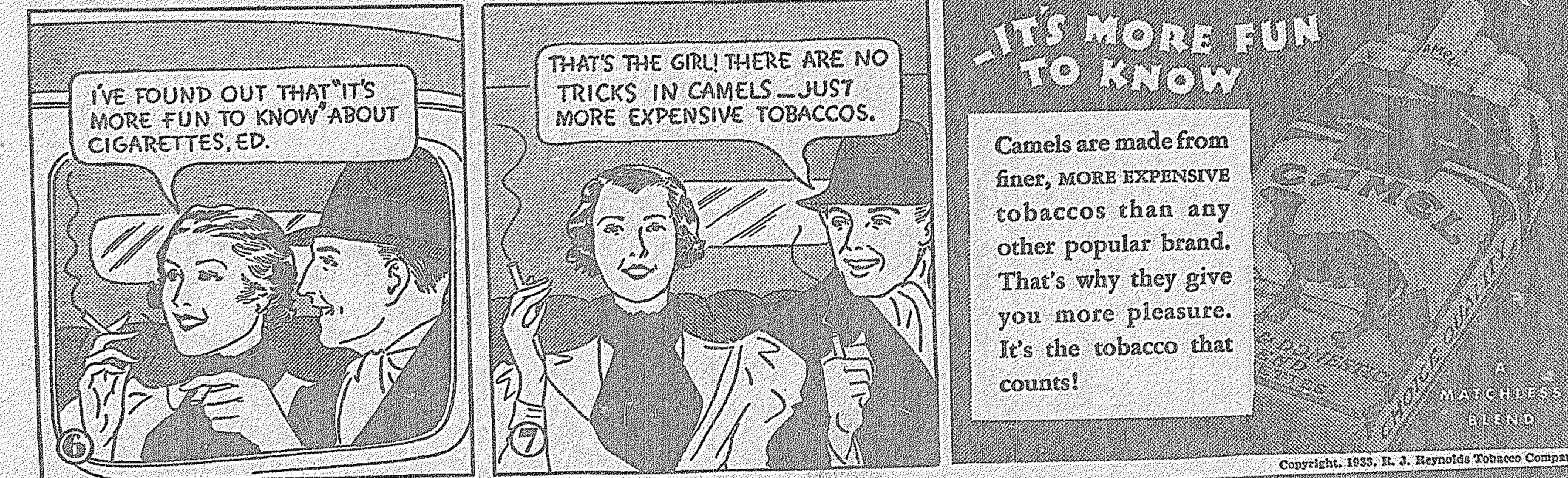
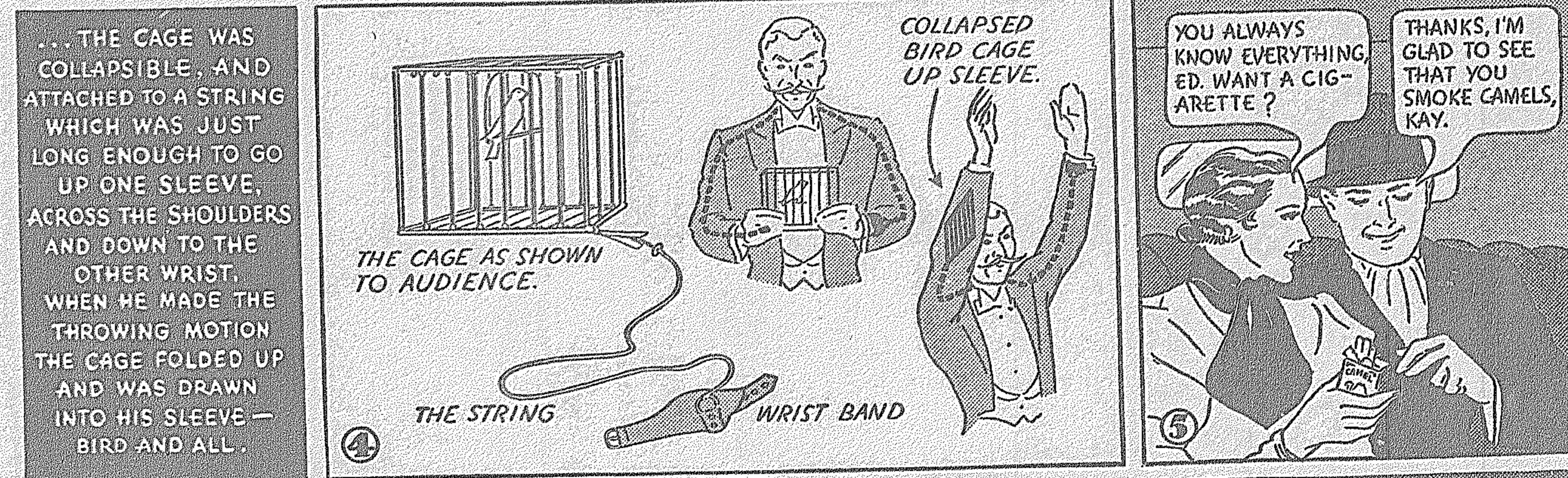
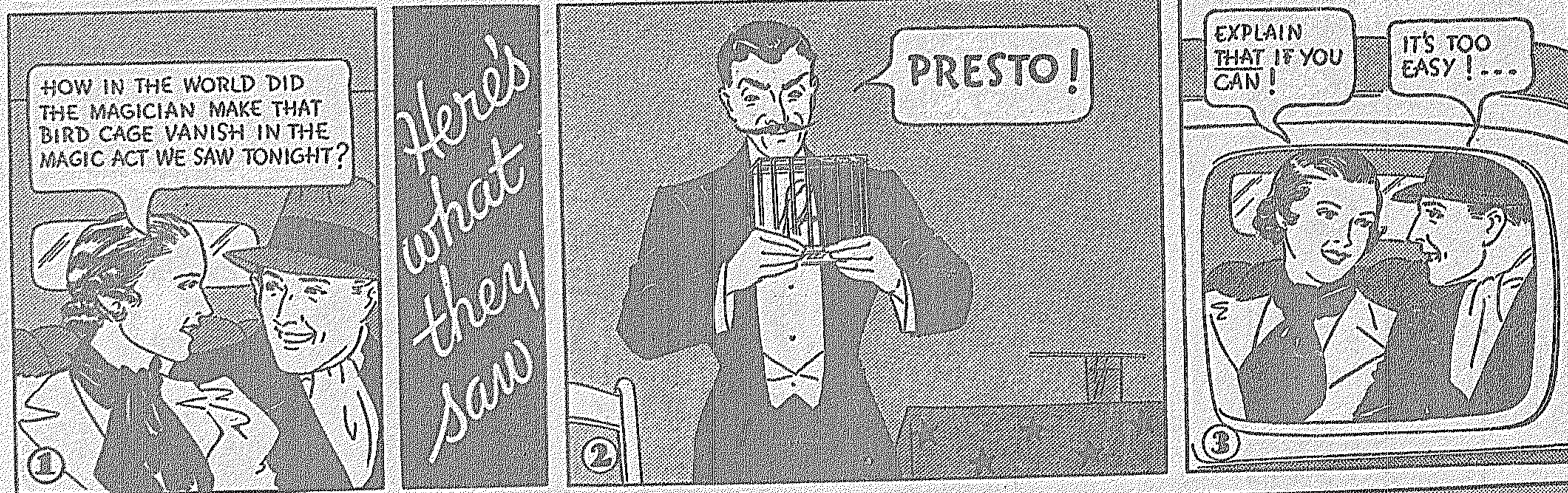
The Tech squad is still weak in the dash events in spite of the fact that Captain Sademan competes in those events. He has not recovered sufficiently from his leg injury at the close of last season to run shorter distances in winning time, as can be shown by comparing the times he made last season and this.

SUMMARY

100 yd. dash—Won by Annosenz, B.; Sademan, A.; second, Getz, B.; third, Time—10.7.
 220 yd. dash—Won by Annosenz, B.; Tilton, B.; second, Sademan, A.; third, Time—23.9.
 One mile run—Won by Johnson, B.; Elliot, B.; second, Pattison, A.; third, Time, 4:53.5.
 120 yd. high hurdles—Won by Drexler, B.; Nelson, A.; second, McGann, B.; third, Time—16.9.
 440 yd. run—Won by Getz, B.; Tilton, B.; second, Neal, A.; third, Time—53.1.
 Two mile run—Won by Callen, A.; Hanson, A.; second, Church, B.; third, Time—10:49.
 220 yd. low hurdles—Won by Nelson, A.; Drexler, B.; second, Rosen, A.; third, Time—25.7.
 880 yd. run—Won by Sademan, A.; McGann, B.; second, Pattison, A.; third, Time—2:05.
 Pole vault—Won by Gibbs, B.; Concolino, A.; second, Scheffler, B.; third, Height—10 ft., 3 in.
 High jump—Won by Gibbs, B.; Stephan, B.; second, Nelson, A.; third, Height—5 ft., 9 in.
 Shot put—Won by Davis, B.; Frateschi, A.; second, Warren, B.; third, Distance—39 ft., 7 in.
 Discus throw—Won by Davis, B.; Wooley, B.; second, Roberts, A.; third, Distance, 111 ft., 6 in.
 Broad jump—Won by Nelson, A.; Drexler, B.; second, Gibbs, B.; third, Distance—21 ft., 1/4 in.
 Javelin throw—Won by Williamson, B.; H. Cordes, A.; second, Davis, B.; third, Distance—153 ft.

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