



SIDELINES

By H. M. Ross

OMINOUS STILLNESS lies over all Europe. A new phase of the great Rhineland crisis which has been convulsing Europe for the past three weeks has been reached; Germany has made her proposals and it is up to the Locarno powers to consider them. The world will watch with apprehension the decisions which must now be made in London, Paris, and Geneva. War or Peace? It would be difficult to find in the pages of modern history an instance where men have had to coldly decide an issue of such momentous and far-reaching consequences. The decision had to be made in 1914, but, as they saw it then, they had no choice. Today, the difficulty lies in the fact that there is a choice.

THE CHOICE involves great risks whichever way it may be decided. Should France and her allies seek to meet the challenge of Germany and enforce the public law of Europe, the danger to peace is obvious. Germany is formidable, more formidable than Italy, and Hitler is more violent than Mussolini. Thus it is plain that there can be no resort to bluff. If they decide to uphold the Locarno Treaty their only hope of avoiding a clash of arms is to proceed unitedly and leave no doubt whatever that they mean business. Only a successful outcome of such a plan will keep Europe from plunging into the mire of international lawlessness. The risk is great. But it is impossible to retain any hope of respect for future treaties if the violation of those already existing is calmly assented to.

IF ON the other hand, they accept Hitler's offer the risks are no less great. He offers them, in return for the dissolution of their defensive alliances, his promise of non-aggression. In other words, he says that if France will give up her alliances for collective security, he will promise not to attack any one. The countries in the path of German advancement are asked to rely not on their combined strength but on the promise of Hitler not to attack them. They are to do this as a consequence of the fact that he has just violated, without notice and by a sheer assertion of military power, a pact of non-aggression, not dictated at Versailles, but negotiated by freely, at Locarno, and endorsed by his country. They are to believe the promise because Hitler made it; just as they must accept the breach of the past promise because Hitler broke it.

THERE IS a third way, neither to act now nor to submit now, but to form a genuine military defensive alliance, with Britain a full member. It would, however, have to be more than an agreement of generalities; it

(Continued on page three.)

Metallurgy Topic At Jr. W.S.E. Meeting

Speaking to the junior W. S. E. last Thursday, Mr. H. B. Knowlton, chief metallurgist of the International Harvester Company Tractor Works, presented an interesting talk on "Metallurgical Specification, Service, and Performance". The presentation was technical in nature and brought out many points of prime importance to those who are engaged in industries using steel. One of the points brought out was that the policy of engineers selecting steels from handbooks is outmoded.

An open forum meeting will be the next junior meeting to be held on April 9, 1936. A "surprise" guest may be presented by the committee. On April 16, 1936, Captain E. D. Washburn, Jr., professor of naval science and tactics at Northwestern University, will speak on "Types of Naval Vessels and Their Function in the Fleet".

Honor 'A' Advocates Solid Color in Letter

At a meeting of the Honor 'A' last Friday, plans for the changing of the school letters were discussed. The members of the club have started an extensive drive to change the letters from a black letter, with a yellow border, to one with a solid color. The club has had petitions circulated which were signed by most of the lettermen and which they plan to present to Mr. Allison. After this, they plan to present their ideas to the A. T. S. A. for a vote. The club hopes for immediate action, in order that the letters which will be presented in the near future will be of a new type.

At the meeting the plans for pledging were also discussed and the announcement of the new men will be made shortly.

A.I.E.E. Will Meet With Lewis Soon

Final arrangements for a joint meeting with the Lewis Institute branch of the A.I.E.E. have been made. After some discussion, E. J. Kirsch of Armour and H. H. Holubow of Lewis selected the evening of April 13, at 7:30 o'clock, at the latter's school, as the meeting place.

At this meeting, Mr. A. J. Krupy of the Commonwealth Edison Company will present a discussion on "The Chicago Network". It is hoped that this will inaugurate a series of similar meetings in the future.

At the last meeting of the A.I.E.E., Mr. H. L. Olesen, of the Weston Electrical Corporation, presented a talk on the electrical instruments, including the moving coil, the iron vane, and the dynamometer. During his discussion, Mr. Olesen displayed various types of voltmeters and ammeters.

Mechanicals Receive Air Cooling Machine

As a special gift, the Trane Company of LaCrosse, Wisconsin, has presented to Armour an air cooling machine. This machine, a very expensive one, consists of numerous coils, through which air is passed and cooled by refrigeration. The senior mechanicals, under the supervision of Professor Nachman, are now engaged in connecting this apparatus to the present air conditioning units which are located in the mechanical engineering laboratory. It is planned in the near future to present the new apparatus as a regular part of the air conditioning program.

Miss Steele Hurt in Automobile Accident

Miss Ellen Steele, librarian, was cut about the head and face on Monday, March 23 in an automobile accident which occurred when she was driving home from school.

The accident occurred in Winnetka just a few blocks from her home. Miss Steele had been at home with a cold the previous week and had returned to work in the library on the day the accident occurred.

Two Talks Planned for W.S.E. Meetings

Two talks have been arranged for meetings of the W.S.E. following the spring vacation. On April 17, Mr. Wenger of the Portland Cement Company will talk on "Highways and Construction" and on May 1 Mr. Herring of the American Association of Municipal Engineers will speak on "The Engineer in Public Works."

The splash party and entertainment at the Lawson Y.M.C.A. will follow on Saturday evening, May 9. Present plans for the early part of the evening include moving pictures on engineering projects and construction methods. This will be followed by a swim and refreshments.

ARMOUR WILL ACT AS HOST TO NEXT S. P. E. E. MEETING

Armour is to be host to the Illinois-Indiana Section of the Society for Promotion of Engineering Education at a meeting to be held April 18 at the Lawson Y. M. C. A. Professor J. B. Finnegan, president of the section, will call the meeting to order.

The principal speakers at the session are Professor Hardy Cross of the University of Illinois, who will talk on "The Importance of Teaching School"; Mr. Lawrence A. Downs, president of the Illinois Central System, will speak on "Engineering Education as a Preparation for Business Responsibilities"; and Dean Henry T. Heald of Armour Institute who will discuss "Part Time Courses for the Graduate Engineer."

The afternoon session will be devoted to group conferences on various subjects. Three of these groups will have Armour professors as chairmen: Professor J. S. Thompson is chairman of the physics group, which is holding a joint meeting with the Chicago section of the American Association of Physics Teachers. The mathematics group has Professor C. E. Paul for its chairman. Professor W. Hendricks is in charge of the group meeting in English.

Mrs. Willard E. Hotchkiss, president of the Armour Faculty Women's Club, is arranging for entertainment of ladies attending the meeting. General arrangements are being made by a committee under Mr. C. O. Harris of the mechanics department.

Oldenburger to Talk on Multilinear Forms

"Rational Equivalence of a Form to a Sum of P-th Powers" is the title of a paper which Dr. Rufus Oldenburger will present to the American Mathematical Society at its annual April meeting. The meeting will take place on April 10 at Eckhart Hall of the University of Chicago and is open to the public.

Dr. Oldenburger has found a solution for certain equations of the fifth degree and higher which does not pretend to solve all equations of these higher degrees, but does solve all equations of the n-th degree where the solutions can be expressed in terms of the n-th roots of a number.

The solution was made possible through a theorem which Dr. Oldenburger proved concerning multilinear forms in a memoir to be published in the next issue of the *Transactions of the American Mathematical Society*. This memoir is a collection of three papers presented to the society in 1934. It was found that the theorem on multilinear forms also holds for ordinary polynomials.

Professor D. Moreton Making Eastern Tour

Professor D. P. Moreton left last Saturday on a trip through the eastern states on a study of graduate cooperative work in electrical engineering. He will go to Boston first, where he is to meet with M. M. Borng of General Electric Company and Professor Timbie of Massachusetts Institute of Technology to discuss the cooperative plan as used by M. I. T. in alliance with the General Electric Company.

From Boston he planned to go to Lynn, Massachusetts, where General Electric has the plant in which some graduate electrical engineering students of M. I. T. work. Professor Moreton said that he planned to visit Columbia, New York University, and Brooklyn Polytech while in New York; the Schenectady General Electric plant, Pittsburg University, Carnegie Tech, and Cincinnati.

Professor Moreton's plans were not definite, but he expected to be gone for about ten days. He is intending to visit Armour alumni in the various cities through which his trip takes him.

Because of the spring recess, there will be no issue of the News next Tuesday, April 14.

Plans Completed for Research Foundation

Final plans for incorporating a research foundation of Armour Institute were made at the board of trustees meeting last Friday. The foundation will be formed to promote, encourage, maintain, and aid scientific investigation by the staff, faculty, alumni and students affiliated with Armour Institute.

Mr. Homer Cooper, counsel for the Institute, is preparing incorporation papers to be presented to the Secretary of State. It is expected that the research projects to be investigated will be announced within two weeks. The Institute hopes to obtain added resources and to stimulate the students and faculty to undertake problems of research.

Release Statistics on Physical Exams

Period of Twelve Years Is Covered

A study of the physical characteristics of incoming men at Armour, for the greatest part freshmen, was released last week by Dr. J. F. McNamara of the physician's office. These vital statistics which cover a period of twelve years, 1925 inclusive, incorporate the results of 3,055 individual examinations given to each new man upon entrance into the Institute. These results were tabulated by M. Shewchuk, junior electrical.

Form Composite Freshman
The composite freshman over the span of years is quite an interesting fellow. He is as follows:

| | |
|-------------------------|--------------|
| Age | 18.73 years |
| Weight | 143 pounds |
| Height | 68.55 inches |
| Chest in repose | 35 inches |
| Chest full expansion | 37.5 inches |
| Chest full retraction | 33.7 inches |
| Average chest expansion | 3.8 inches |

Dr. McNamara's report further shows an increase of approximately two inches in chest expansion of the average entering freshman now as compared to twelve years back. The doctor attributes this increase to a greater participation in athletics.

Physical Defects Listed
During the past twelve years 507 men, 16.6 per cent, were limited in their athletic activities, while 107 or 3.51 per cent were excused from participation in athletics. Many physical defects were noted. Excluding the acute diseases, the list is as follows:

| | |
|--------------------------------------|-----------|
| Organic disturbances of the heart | 437—14.3% |
| Deformities due to rickets | 271—8.88% |
| Functional disturbances of the heart | 144—4.72% |
| Flat feet | 131—4.29% |
| Hernia | 79—2.59% |
| Defects of hereditary nature | 51—1.67% |
| Serious skin diseases | 5—0.16% |

In addition to examining each new man, the physician's office sends a postal card to each freshman and sophomore student afflicted with a serious ailment warning him not to participate in the class rush.

Price of Senior Bids Depends on Canvass

Uppermost in the spring social program of the seniors is their private dance at the Knickerbocker Hotel April 24. Approximately a hundred couples will attend, according to the estimate of social chairman, R. M. Paulsen.

His committee has formulated plans which, when executed, will ensure the dancers a most enjoyable evening among Armour men in an atmosphere delightfully different from the classroom.

As soon as the results of a canvass of the class are known, the price of bids will be fixed and placed on sale.

Penthouse Dance Follows Vacation

Plans for the freshman Penthouse Party are complete. Bids are being sold by the social committee and several other men who hope to get a free bid by selling ten tickets. If present indications mean anything, all the two hundred bids will be sold by the night of the dance.

It is to be an informal affair at 666 Lake Shore Drive on the evening of April 18. Dancing from 9 p. m. to 1 a. m. will be to the tunes of Herm Crone's South Shore Country Club orchestra. His catching melodies are well-suited to the temperament of the Frosh, and his entertainment crew, which can keep any crowd jolly, is working on special acts.

The social committee, consisting of B. G. Anderson, chairman; J. R. Bunce, I. M. Footlik, H. D. Rice, and R. W. Starman, appreciates the entries in the poster contest which closed yesterday, and their decision has not yet been reached as to the two men who will get the prizes of one bid each. The posters have given the dance much publicity and are well worth the time spent in making them.

The arrangement of the Penthouse will blend in very well with the evening's hilarity. A large lounge furnished with the finest modern furniture adjoins the dance floor, which will have tables surrounding it. Orders will be served to the tables at very nominal prices, and if a group wishes to be together, reservations should be made with B. G. Anderson. The floor is especially suited to dancing and has a beautiful inlaid design.

Invitations Obtained for '36 Graduation

As reported by J. E. Linden, chairman of the invitations and announcements committee of the class of '36, the bid for graduation announcements has been obtained by the L. G. Balfour Company. Sample copies are now being made up so that orders for one of three types of announcements can be taken.

The most elaborate of these consists of a black leather cover engraved with gold. Its contents include the class roll, program of the commencement exercises, and other information of interest to close friends and relatives. The second type is similar to the first with the exception of the cover, which will be of cardboard instead of leather, but still gold engraved. The third announcement is merely sheet paper folded once, printed with gold lettering. However, it has not the detailed information that is found on the other programs. The costs of these announcements will be approximately thirty seven, twenty six, and eleven cents respectively.

Since a hall has not yet been obtained for the graduation exercises, nothing has been accomplished concerning the distribution of invitations.

Players Plan to Use Curtain Type Scenery

Curtains suggesting the original articles of Shakespeare, and words will be used instead of realistic settings in the production of "Prince Hal and Falstaff," the play to be given by the Players during the last week in April. No definite date has been set as yet, and the price of admission is also undecided. Tickets will probably be sold at a nominal price of ten or fifteen cents.

This one act play is centered around the character of Falstaff, a well known creation appearing in Shakespeare, portraying a drunkard who revels in his misdeeds. This production is entirely comedy, but a comedy of character as distinguished from the ordinary kind.

At present members of the cast are rehearsing on Monday and Wednesday evenings under the capable direction of Mr. W. B. Fulghum in an effort to bring another good production before Armour students.

AWARD TAU BETA PI FELLOWSHIP TO H. MILLEVILLE, '36

Second Armour Student to Receive Award

HIGHEST CHEMICAL

Howard P. Milleville, a senior chemical, was recently awarded a Tau Beta Pi Fellowship, one of the highest honors an undergraduate engineer can receive. Milleville, the first chemical engineer, and the second Armour man to be so honored, will make use of the fellowship to attend one of the following universities: Columbia, Wisconsin, or Michigan.

Annual Award

Tau Beta Pi, honorary engineering fraternity, annually awards five or six fellowships which consist of \$650 for living expenses, and a year's tuition at any American institution which the recipient may select. The winners are selected by a committee of the national council of the fraternity, considering qualifications of scholarship and individual personality of the applicants. The applicants must be members of Tau Beta Pi.



H. P. Milleville

Heads A.I.Ch.E.

Milleville is the highest ranking chemical in scholarship and rates fourth highest in the senior class. He holds the position of student director of publicity for Armour, and last year was comptroller of the *Armour Engineer and Alumnus*, serving on the managing board which last year reorganized this publication to include alumni interests. As a chemical engineer he is the chairman of the A.I.Ch.E., besides belonging to Phi Lambda Upsilon, honorary chemical engineering fraternity, and Alpha Chi Sigma, professional chemical fraternity.

"Trick Mathematics" Presented by Dannis

"Trick Mathematics" was the title of the talk presented by Mark L. Dannis, a junior science student, at the regular Math Club meeting last Friday morning before one of the largest groups attending the club meetings this year. The talk consisted of a series of puzzles, tricks, jokes, and mathematical short-cuts which M. L. Dannis has collected over a period of years. Included were a magic square, "proof" that sixty-four equals sixty-five, several problems involving time relationships, and other puzzles of a similar nature.

A portion of the talk consisted of properties of numbers and how these properties can be of much value as a check on ordinary addition and multiplication operations. The "magic out nines" was demonstrated. The last part of the hour was devoted to discussion.

Melody Masters to Play for Honoraries

On Friday, May 1, the annual inter-honorary dance will be held. Members of six scholastic honoraries and three honorary societies will dance to the music of Ed Kraft and his Melody Masters, audition orchestra for CBS. Members who have heard this well known orchestra play at dances after the Glee Club concerts have been well pleased with the choice. Although a place to hold this affair has not yet been chosen, it has been decided that unnecessary extra expenses such as favors, bids, and programs will be eliminated in order to obtain a suitable hall as well as a good orchestra with the limited funds available.

Armour Tech News

Student Publication of the
ARMOUR INSTITUTE OF TECHNOLOGY
CHICAGO, ILLINOIS
Published Weekly During the College Year

Associated Collegiate Press
1934 NATIONAL ASSOCIATION OF COLLEGIATE PRESS PUBLISHERS 1935

\$2.00 Per Year Single Copies, 10 Cents Each

EDITORIAL BOARD

Editor-in-chief Fred L. Leason, Jr.
Managing Editor Norton Gerber
Sports Editor Joseph M. Kubert
News Editor Sidney Rabinowitz
Copy Editor Herman O. Bauermeister
Faculty Advisor Walter Hendricks

EDITORIAL DEPARTMENT

Assignment Editors W. J. Chelgren,
L. B. Parker, J. D. Sheehan
Feature Editor R. Weissman
Assistants: F. I. Heidenreich, M. Luber, S. M. Miner,
B. Nobler, E. J. Pleva, H. M. Ross, T. H. Watts.
Photographer R. Mansfield
Cartoonist R. Kichaven
Sports Reporters R. A. Braun,
H. R. Coyle, G. F. Morris, C. K. Nauman, D. B.
Rodkin, R. E. Worcester.

BUSINESS DEPARTMENT

Business Manager E. J. Simek
Advertising Manager I. M. Thomas
Circulation Manager C. O. Forsberg

Vol. XVII. APRIL 7, 1936 No. 8

Veterans of Future Wars

Some sixty campuses now boast chapters of V. F. W. (Veterans of Future Wars) and National Commander Louis J. Gorin Jr. keeps three secretaries busy sending instructions to new chapters. The idea originated at a Princeton University "bull" session where the intention of establishing a chapter in every college in America was announced. This dramatic bit of irony is being approved by nearly all professors and students and is increasingly being denounced by veterans organizations and will probably soon be denounced by Mr. Hearst.

Declaration of V. F. W.

Excerpts from the declaration on the charter are:
"WHEREAS, it is inevitable that this country will be engaged in war within the next thirty years, and whereas it is by all accounts likely that every man of military age will have a part in the war,
"WE, THEREFORE, demand that the Government make known its intention to pay . . . a bonus of \$1,000.00 to every male citizen between the ages of 18 and 36, payable June 1, 1965 . . . it is customary to pay all bonuses before due. Therefore we demand immediate cash payment plus three per cent interest, compounded annually and retroactive from the first of June, 1965, to the first of June, 1935 . . . many will be killed or wounded in the next war, and hence they, the most deserving, will not otherwise get full benefit of their country's gratitude;
"AND WHEREAS, the women of America will suffer

no less than the men in the coming strife,
"WE, THEREFORE, offer to the American women the following subsidiary organization, 'The Home Fire Division of the Veterans of Future Wars.' . . . The purpose of this organization shall be to obtain for all aforementioned mothers an immediate trip to Europe in holy pilgrimage to view the future battlefields of their present and future children, and to obtain for the future wives a pension of fifty dollars per month during the remainder of their natural life.

"WE REITERATE that the immediacy of our cause is twofold: (a) inasmuch as the coming war will otherwise deprive the most deserving bloc of Veterans of Future Wars of its bonus by causing its sudden and complete demise, the bonus must be paid now; (b) inasmuch as the coming war will both obliterate the future battlefields of our noble future dead and deprive many American women of their subsequent means of support, the holy pilgrimage must be made now and the pension to the Home Fire Division, as a partial compensation for the inevitable loss, must commence immediately."

(Signed) THE NATIONAL COUNCIL OF THE VETERANS OF FUTURE WARS.

Why Not Profiteers of Future Wars

"The Association of Future War Propagandists" has been formed and now the government should, in self-defense, organize the "Millionaires and Profiteers of Future Wars" and proceed to tax them sufficient to pay the bonus.

To an engineer, the sudden presence of college students to such a satirical movement appears caused not by any immediate war threat, but by a natural psychological reaction to the vast panorama of the National Political Circus. Vast American Legion and Business lobbies in Washington, the national mud-slinging campaign which has just been started, local and national graft and personal gain, and the recent farce in New Jersey, aid in affording a sense of futility to the average college student. Six years of economical chaos has done its part in undermining the morale of our generation. It is no wonder that it is difficult to interest young folks in latent organizations for purposes outside of their own immediate problems.

American Legion Worried

The declaration of the V. F. W. mentions only possible war off the soil of their native United States. Yet American Legion commanders brand the movement as started by communistic professors. Some claim it is being fostered by the American Liberty League or League for Social Justice. We think that anyone with a sense of humor could point out the fallacy of such arguments and see why it does have such an appeal.

In answer to the "Unpatriotic" cries of "Patriotic" organizations, we dare say that any red-blooded collegiate member of the V. F. W. would respond to the first call to arms in case of foreign invasion. Here's to the future and may all self-appointed seers be had guessers!

The Slip

Cleave to the slippstick; let the slappstick fly where it may.

Tort: *Sir Lancelot, in days of old,
Wore armor made of steel.*

*And everywhere this knight did go,
Right noble did he feel.
He was invited into court
To dine with Lady Hausers.*

*He spilled some water on his suit,
And rusted his best trousers.*

Retort: *Two maids by the river were kneeling,
To disrobe for a bath they were stealing.*

*Said the owl in the tree,
"How'd you like to be like me?
When the belles of the village are peeling."*

* * *
"How much are those collars?"
"Two for a quarter."
"How much for one?"
"Fifteen cents."
"Give me the other one."
* * *

*Spring, sprang, sprung
Spring is sprung,
Song is sung.
Every dope's
Got new hope.*

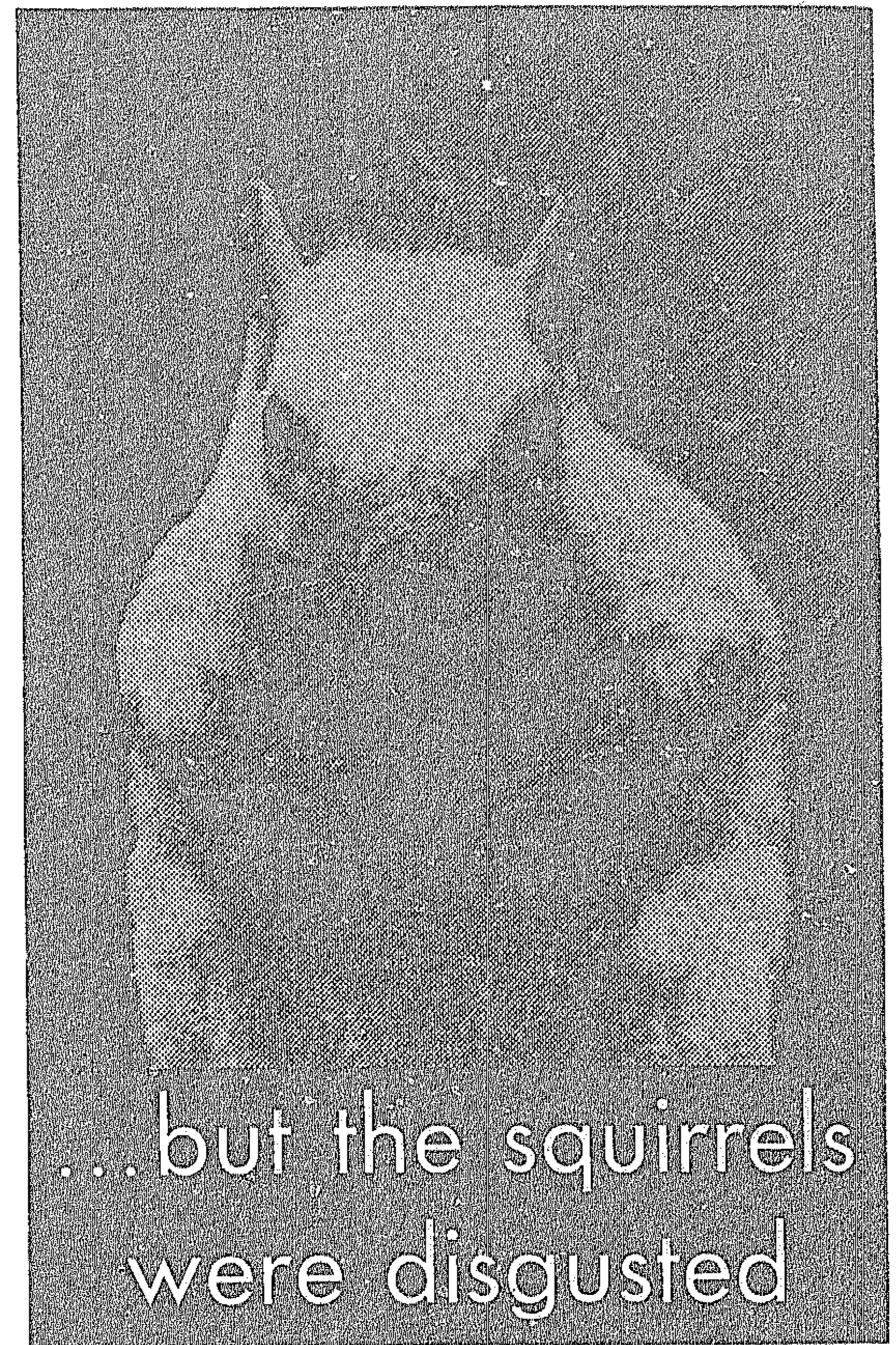
*Spring is sprang,
Books go hang.
Worked your Math?
What a laugh*

*Spring is spring
Birds do sing
Spring is here,
Summer's near.* Legras.

* * *
*For this poem,
I'll go home
Get a rope
Hang that dope.* Zazu.

* * *
"I understand that your job as the human cannonball is very annoying."
"Yes, I get fired every day."
* * *

ME
In spite of the threatening letters,
That make me feel uneasy;
In spite of the Finger of Scorn,
There's still someone who loves me,
and that's ZAZU.



...but the squirrels were disgusted

TELEPHONE engineers had to find a way to stop gray squirrels gnawing holes in the lead sheath of telephone cables. Even a tiny hole may let in moisture — short circuit the wires — and put a number of telephones out of service temporarily.

Many ideas were tried, but the squirrels gnawed on. Finally the cables were painted with black asphaltum and sprinkled with sand. The gnawing stopped.

Not a major engineering problem, to be sure. But thousands of strange little problems, too, have been solved to assure you the world's most reliable telephone service.

Why not call your folks more often? For lowest rates to most points, call station to station after 7 P. M. daily or any time Sunday.



BELL TELEPHONE SYSTEM

Fraternity Notes

TRIANGLE

Last Wednesday an election of officers was made for the coming year. The following major changes were made: John Penn will succeed John Scott as president; George Boylan will be vice-president; and Kurt Weiss will follow in Penn's footsteps as treasurer.

The formal installation will be held downtown in about two weeks at the Founder's Day Banquet. The officers elected will assume their duties at this time.

PI KAPPA PHI

On the evening of April 3 several of the active members attended the monthly meeting of the Chicago Alumni Chapter at the Stevens Hotel. The chapter has had the pleasure of having Brother Alton Jungels '32 live at the Chapter house for the past month.

The first issue of the chapter publication, Alpha Phi-les, which is to be published four times per year, was released last Monday.

Brothers Robert Winblad and Ray Dodge were among the leading scorers on the school's swimming team for which they received minor letters. We feel sure that these small letters will grow into large ones next year.

With the appointment of Brothers Frank Heidenreich and Robert Winblad as managers of our baseball

disguised as one of Mr. Suter's weekly sketches. The program, written by "Jake," was a Tombstone for a Day, and the freshmen went to the library to study for it. Just shows how gullible these "green" men are.

In connection with the senior project, an automobile salon, we'll have to add that it certainly did look as though KAPLAN and BAGNUOLO left their plates out overnight near an open window.

TOM TAX.

Student Opinion

Counter Attack

I thank Mr. MacConnell for his compliments, but he over-estimates my literary ability, for it is surely he who is the erudite one, since his eloquent phrasings are a little above my head—that last sentence in his "correction to end corrections" especially. But perhaps the proof-reader left out a word or comma—accidents will happen, you know.

But I fear that Mr. MacConnell's definitions are onesided and therefore misleading. He evidently is quite unaware that the word "authority" means the right to command or act, as well as: a person appealed to for support of opinion. Webster, I am sure, will be happy to have an occasional visit by Mr. MacConnell. Sincerely,
Tom Yeakle, '39.

team, we are getting under way with enthusiasm.

THETA XI

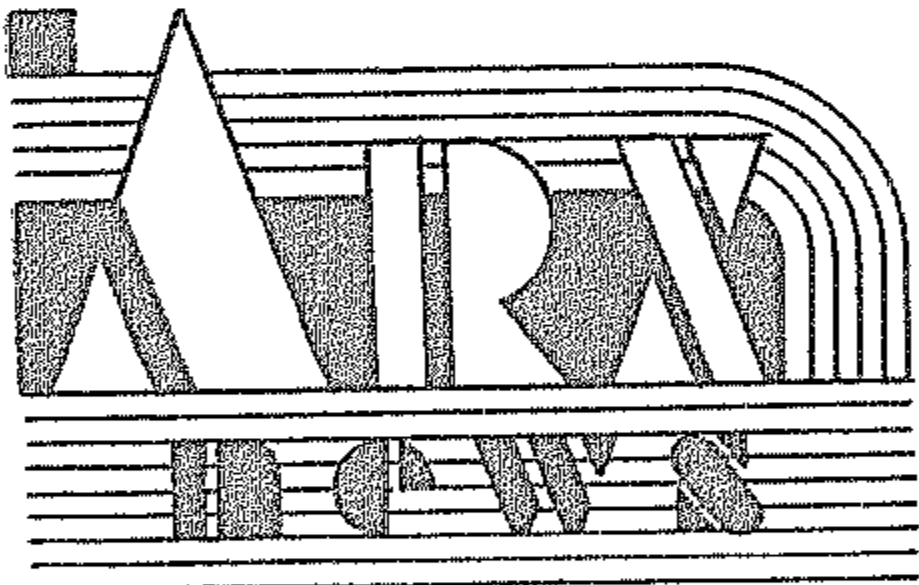
The chapter is offering congratulations to Brother James Kropf on his success in securing a position with the Westinghouse Electric Company.

RHO DELTA RHO

Last Saturday night the second-semester Pledge Dance was held at the house. Besides the actives, pledges, and their girl friends, many of the alumni were present. Those present were so pleased with the dance orchestra that demands have been made to use this same group at the next affair.

Arrangements have been practically completed for the annual Rho Delta Rho dinner dance. The date has been set for Saturday night, April 23; the place probably being the Belden-Stratford Hotel.

Due to some slip-up last week, we neglected to mention that Brother Sydney Miner has been elected recording secretary.



About the most important of the recent events are the various judgments that affect the entire department. That little thing which affects individuals is the sign of the Red Cross.

We may as well start with the seniors, whose problem was An Automobile Salon. The judgment of the projects was very deadly and fatal in many cases. The top award was a Mention Commended, given to Art SCHREIBER and Joe PFENDT and mentions were delivered to Chick SCHREIBER and Ivar VIEHENAESS. Guess the SCHREIBERS like to keep all the top grades in the family.

And then the results of the B. A. Judgment on the Nave of a Church came in. Once again high hopes were shattered for only two mentions were given, to Al RAMP and Joe REIM. In the Sophomore Water Color judgment, GOERS, CUNEO, SKUBIC, and PELZ were rewarded with mentions for their humble efforts.

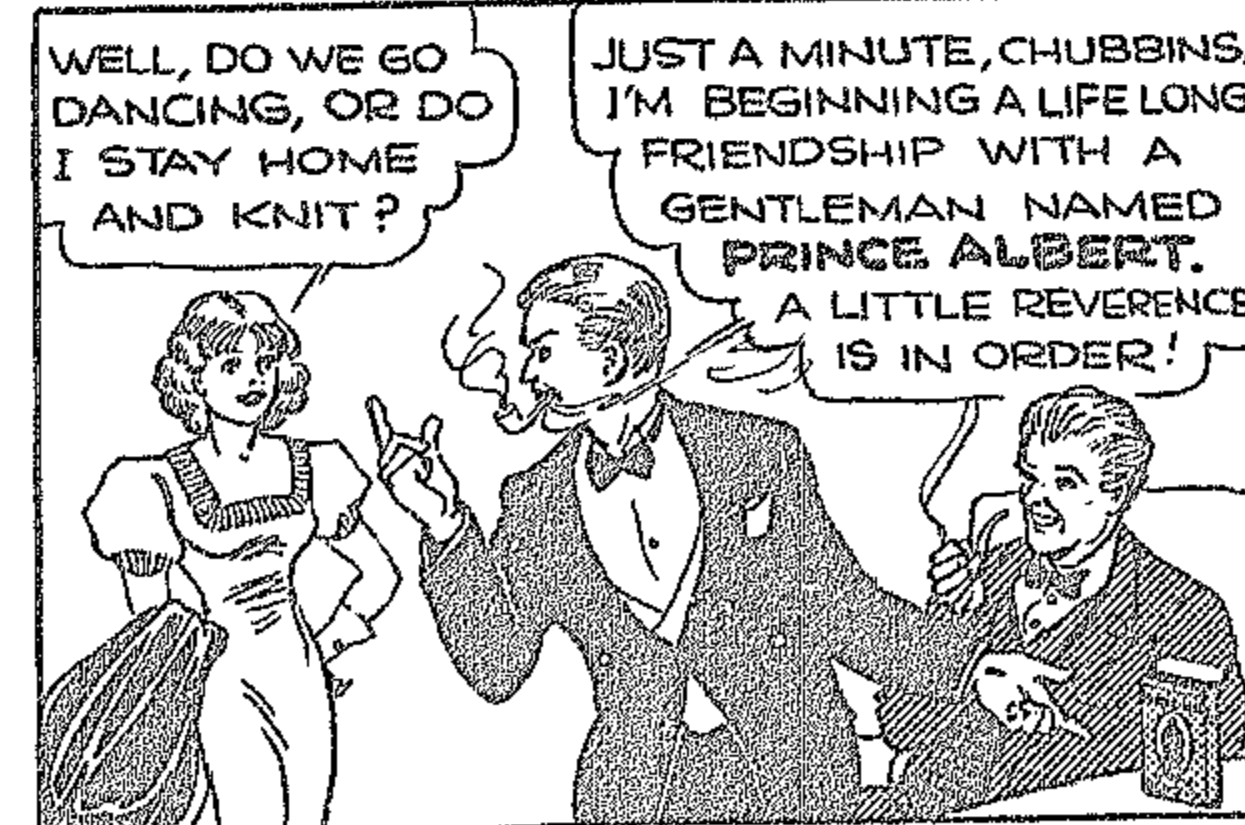
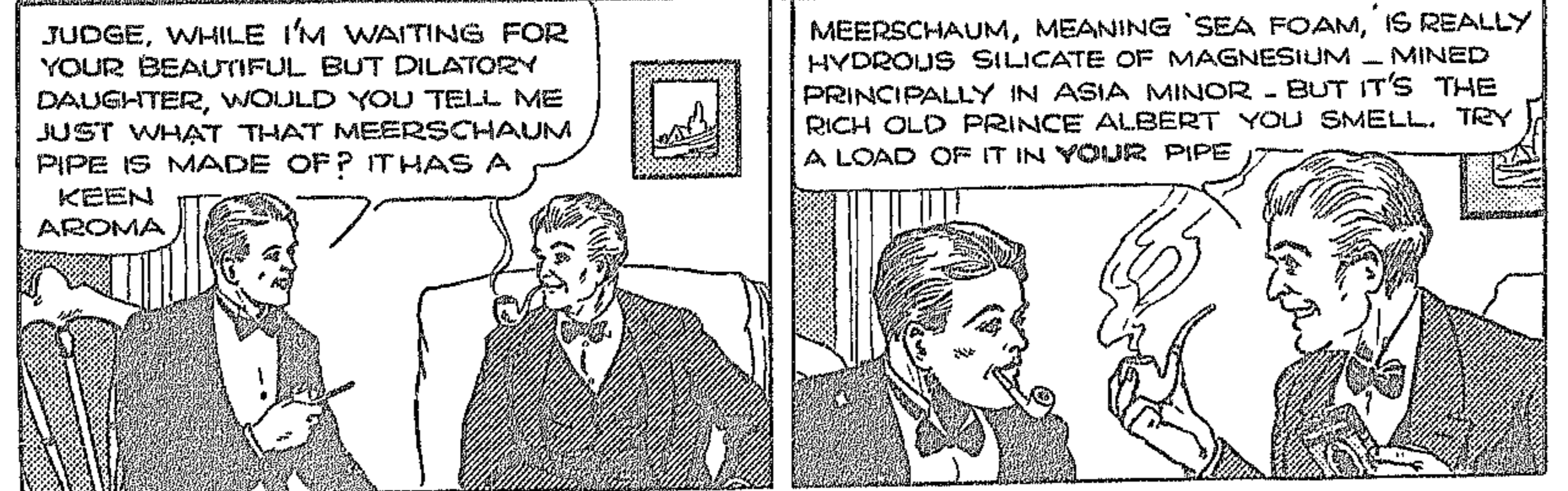
Now to get back to earth, or rather "dirt", as you would call it . . . The juniors are up in arms and are very indignant because of the bumper given them by "Mac." Seems that Mac gave the boys the number and name of a model, but Hank LOHMILLER found the error.

The same juniors put up a notice to inform the frosh of the necessity to wear the green caps. The frosh retaliated by immediately taking the notice down. O, goody goody, a fight!

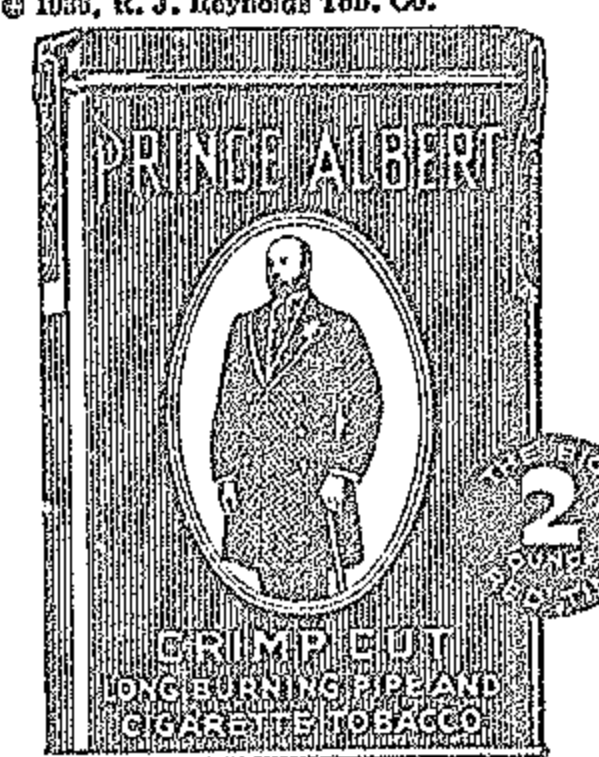
We'll bet the freshmen are still "sore" at Jakubowski, who gave them a fake sketch problem. It was

OL JUDGE ROBBINS

WHAT MEERSCHAUM REALLY MEANS

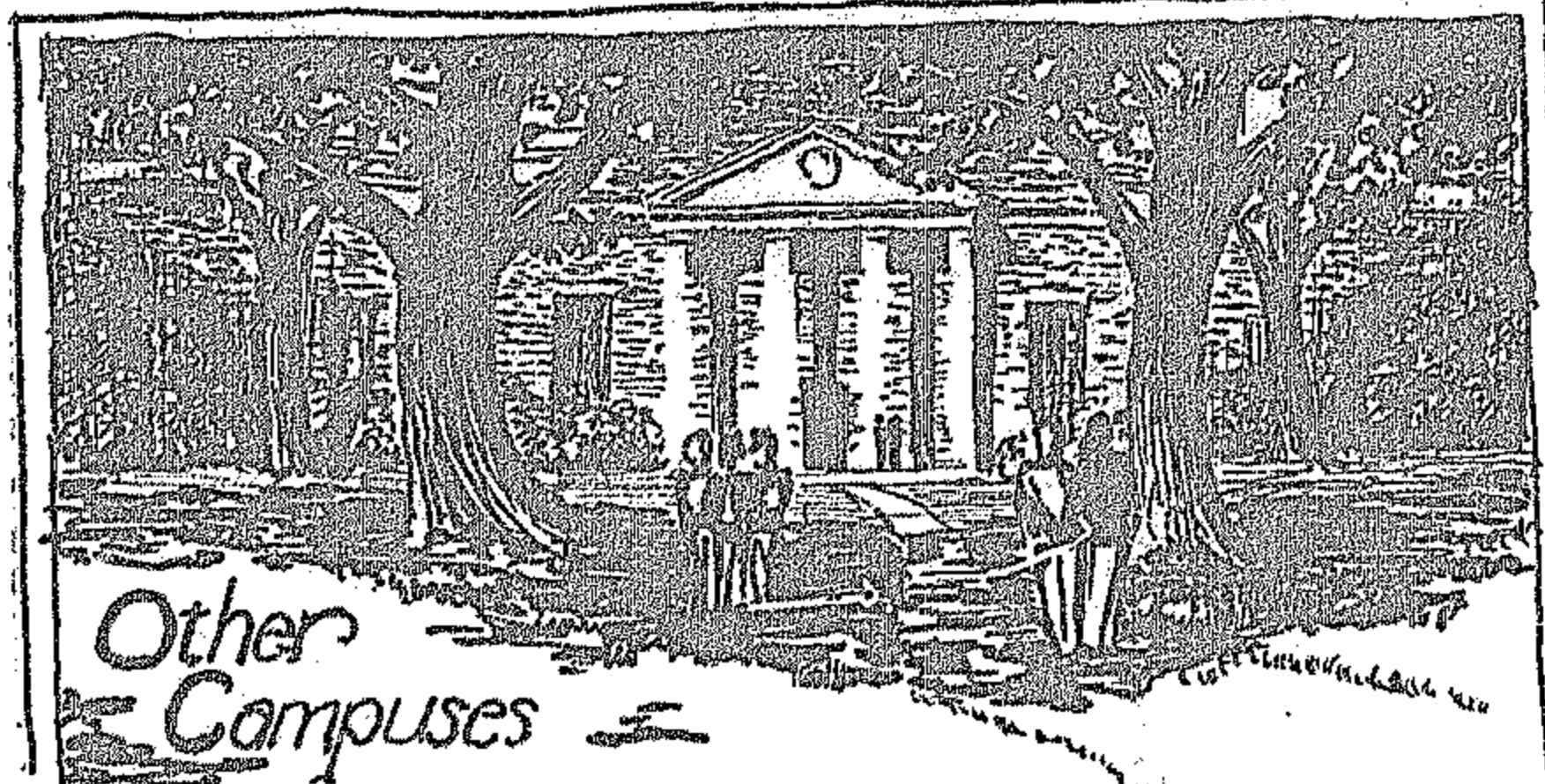


MEET THE PRINCE OF PIPE TOBACCO
— PRINCE ALBERT!
Introduce yourself to Prince Albert at our risk. Prove to yourself that there's no other tobacco like P. A. As a tobacco fancier, notice how P. A.'s "crimp cut" makes for a longer, cooler smoke. Enjoy steady pipe-smoking that doesn't bite the tongue. See how evenly Prince Albert cakes in your pipe. How mellow and fragrant and comforting it is! Below is our man-to-man offer.



50 pipefuls of fragrant tobacco in every 2-ounce tin of Prince Albert

GENTLEMEN — PRINCE ALBERT MUST PLEASE YOU
Smoke 20 fragrant pipefuls of Prince Albert. If you don't find it the mellowest, tastiest pipe tobacco you ever smoked, return the packet tin with the rest of the tobacco in it to us at any time within a month from this date, and we will refund full purchase price, plus postage.
(Signed) R. J. REYNOLDS TOBACCO COMPANY
Winston-Salem, North Carolina
PRINCE ALBERT THE NATIONAL JOY SMOKE



By T. H. Watts and F. J. Heidenreich

The ideal University of Utah man wears striped clothes and loud socks, coeds voted. Then, like lightning out of a clear sky, they picked a conservative dresser as "most popular man."

"I will positively refuse to allow necking in my classes this year," announced Prof. William F. Byron of Northwestern's sociology department, "until I come to the subject of sex in my lectures." "And even then," he added, "only hand-holding will be permitted."

Dr. C. P. Boner, physics professor at the University of Texas, gives a party along with final examinations. Midway through their three-hour tests, students take time out for coffee and doughnuts—all on Dr. Boner. It is rumored that an adaptation—serving black coffee before lectures—will soon be adopted here at Armour.

Depression years are productive ones for student music composers, George McKay, associate professor of music at the University of Washington, believes.

With their minds off the hunt for dollars, they turn to creativeness in the form of music, McKay points out. "In my class in elementary harmony," he said. "I get all sorts of reflections—everything from classical to sorority house music, depending on whether or not the mind is relaxed."

Stanford University psychologists say you can teach an old dog new tricks.

For age has little to do with learning, and one can learn almost as easily as 50 as at 20.

"Yes, I believe that cheating is very prevalent at Miami, but I think that women do most of it," a Miami university (Oxford, O.) student tells an inquiring reporter. — We'll lay you 10 to 1 that that particular student has himself cheated many times.

Fifteen Chinese students buried themselves in the snow a couple of months ago because they couldn't get any cooperation from the faculty—an unusual way to get even with your professor; we'd just use a sub-machine gun.

According to alumni office records, 750 Duke University Alumni married as a result of campus romances.

Amherst students once packed a town meeting and voted the erection of a new city hall, to be one foot wide, 100 feet long, and made of glass.—Yes, they were seniors looking for a job.

Antiquated "hand-box" gymnasiums are to blame for the mediocre brand of basketball played in New England, says Al McCoy, coach of Northeastern University, Boston.—Mr. McCoy, needless to say, has never seen Armour's gym.

So he wouldn't have to listen to "Sweet Adeline" at 3 A. M., President Frederick Arnold Middlebush of the University of Missouri built a weekend cabin 100 miles from the campus.

Senior students of Essex, England, are supplied with free bicycles if they live far from school.—Why, of course, the freshmen walk!

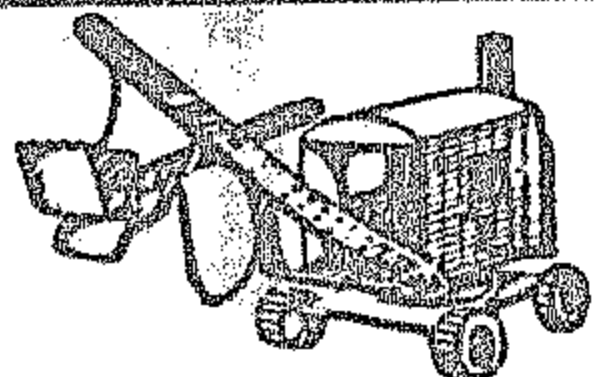
The three most wonderful words in the world, as described by an Iowa State columnist, are no longer the old standby, "I love you," but "enclosed find check."

Yale, Princeton, Harvard, Dartmouth, McGill, Toronto, Queen's University, and the University of Montreal have formed an international hockey ring.

Indiana University will probably be the first to have its student body fingerprinted and registered by the government officials. The fingerprints will not be placed in the criminal files but in the non-criminal files, although Dean Edmondson suggested that the University require fingerprints for identification purposes.

The Veterans of Future Wars are gaining strength rapidly, and the National Council at Princeton is adding new posts by the dozen. Some of the chapters are going to demand medals by the carloads, bonuses and pensions by the billions, an immediate

THE STEAM SHOVEL



Poor Bill Schlax, he's so healthy! If he could only get the measles or something, so he could go to the St. Mary hospital, where a certain blonde nurse is on duty.

Bill O'Brien is now making eyes at a South Side redhead. Tsk, tsk, Bill, what would Gladys say if she knew?

One way to find out who your true friends are, is to try to sell raffle tickets. Ask Chris Coullias; he's been trying to sell them.

BOB YOUNG, wag that he is, put a tiny brassiere on the female figure that ornaments his radiator cap. Heck, Bob, if she's not bashful, why should you be?

Connoisseur Sodaro says, quote: "I don't like blondes; they get dirty too quick!"

OUR PUNNING PHYSICIST, PROF. SPRAGUE, KNOWS HOW TO REMEMBER THE A N O D E FROM THE CATHODE. "IT'S SIMPLE," HE SAYS, "THE CURRENT ANTERS HERE!"

Willy Johnson talked to a strange girl on the phone for fifteen minutes, throwing the old bull for all he was

Urge Tau Beta Pi To Contact Local Alumni

Organization of an active alumni group of Tau Beta Pi in the Chicago area was urged by Mr. C. H. Spencer, council-elect of the national organization and alumni representative, who addressed the Armour Chapter in the Tau Beta Pi rooms last Friday morning.

He said that the Chicago area, with over one thousand Tau Beta Pi alumni, could form an active group. In his home city, Washington D. C., an alumni group of over four hundred members has been quite active.

Mr. Spencer, accompanied by Mr. J. R. Thompson, is touring the country visiting the chapters and urging organization of active alumni chapters.

worth, in the belief that he was talking to his girl friend. Was his physiognomy purple?

The boys in Dutton's Social Science 401 passed the hat around for him when he found his pockets empty on the verge of his famous phoney mazuma stunt. When they saw how much they had collected, however, they kept the money for their own purposes.

Be at the 31st street "L" station at 5:00 p. m. any Thursday, if you

GERMAN KITCHEN 25c Plate Lunch Changed Daily BOULEVARD CAFE Sandwiches 5c and 10c 31st and Michigan

"Exact Determinations" Is D. B. Keyes' Topic

Prof. D. B. Keyes will lecture on "The Value to the Industries of the Exact Determination of Chemical and Physical Properties" at the next meeting of the American Society for Testing Materials. The meeting is to be held tomorrow evening at the Chicago Engineers Club, 314 Federal Street, 4th floor, at 7:30, and Armour men are cordially invited.

Progress in industrial development necessitates the acquisition of accurate data. Dr. Keyes will present the results of recent work at the University of Illinois and discuss specific examples of several industrial processes, and the type and extent of data necessary for their development and control. He will bring out the difference between the data of random experimentation and of planned studies designed to appraise the commercial practicability of industrial processes. The factors involved are equally applicable to investigations of the properties of materials and their standardization.

want to see who Fred Andrews' light o' love is. Her name is Marion Edwards and we hear that she's worth waiting for.

If you want some real hot dope, get hold of Velvel's diary. We hear tell he carries it with him.

COMPLETE PLATE LUNCH, 20c Changed Daily ALICE RESTAURANT 3117 Wentworth Ave. Phone Victory 9506

SIDELINES

(Continued from page one) would have to cover definite military obligations. Nothing less than this would impress Hitler that his promises were being taken seriously or give France and the central European countries a sense of security. Yet this way, though less immediately dangerous than the first or less insecure than the second has its share of danger and risk. Military pacts are notoriously weak. Such a treaty built on the ruins of another, which the participants could not keep alive, will leave Europe in a state of feverish unrest. The British will ask themselves, "Can we trust the French, seeing they had hesitated in the Italo-Ethiopian affair?" The French, in turn, will ask themselves, "Can we trust the British when their Locarno signature was proved of no value?" The Nazis might regard this alliance as a cause for a new adventure just as they used the Franco-Russian treaty as a reason for occupation of the Rhineland.

ONE CANNOT suggest how this momentous question should be answered, nor can we judge those who have the responsibility of making this momentous decision. We can but hope that they are equipped with the humanness, the wisdom, and the courage to make that decision which is likely to mark a turning point in the history of modern civilization.

MOTOR CLUB INN BANQUETS A SPECIALTY SPACIOUS BALLROOM "We Cater to Students" Moderate Prices—Big Variety 33rd and Michigan

for Digestion's sake... smoke Camels

Advertisement for Camel cigarettes featuring illustrations of a chef, a man smoking, and a woman, with text boxes explaining the benefits of smoking Camels for digestion.

PROLONGED mental effort tightens nerves—clamps down on the flow of the digestive fluids. Camels restore and increase this necessary flow—give you a cheery "lift." So light up a Camel for digestion's sake!

Smoking Camels a Pleasant Way to Promote Digestion

The nervousness induced by our modern life often affects digestion. The mental effort—the physical rush—the worry and tension—all slow down the flow of the digestive fluids. Smoking Camels acts to restore and increase the natural and necessary flow of the digestive fluids. Modern scientific research, based on Pavlov's great work on digestion, defi-

nately confirms the fact that Camels encourage good digestion in this pleasant way. As you enjoy Camel's superb mildness—a mildness that is never flat or tiresome—you feel cheered and comforted. And experience a delightful "lift." Camels set you right! Enjoy them as much as you like. Camels do not tire your taste or frazzle your nerves.

SCIENTIFIC EVIDENCE shows that smoking a Camel, both with and without the accompaniment of food, restores and increases the natural secretion of the digestive fluids. The importance of this extra secretion in facilitating good digestion is a matter of common knowledge.

READY TO "BAIL OUT." Miss Uva Kimmey, daring parachute jumper, welcomes Camel's aid to digestion. "I smoke Camels for digestion's sake," says Miss Kimmey. "They encourage digestion in a pleasant way."

BARONIAL DINING at the famous Winter Place Tavern in Boston. Theodore Roosevelt, Enrico Caruso, Henry Cabot Lodge—all knew and praised its famous fare. Here Camels reign

supreme. Nick Stuhl, maitre d'hôtel for over 41 years, says: "Camels have the gift of making food more enjoyable. Camels are the most popular cigarette at the Winter Place Tavern."

Advertisement for a radio performance: TUNE IN! CAMEL CARAVAN WITH WALTER O'KEEFE, DEANE JANIS, TED HUSING, GLEN GRAY AND THE CASA LOMA ORCHESTRA. Tuesday and Thursday—9 p.m. E.S.T., 8 p.m. C.S.T., 9:30 p.m. M.S.T., 8:30 p.m. P.S.T.—over W.A.D.C. - Columbia Network

Advertisement for Camel cigarettes: COSTLIER TOBACCOES! Camels are made from finer, MORE EXPENSIVE TOBACCOES—Turkish and Domestic—than any other popular brand.

BASEBALL SEASON OPENS ON FRIDAY AGAINST CHICAGO

Team Out To Avenge Last Season's Defeat

PLAY AT U. OF C.

In spite of the inclement weather, Armour's baseball squad has been training hard in an effort to get into top condition for the opening game with the University of Chicago on Friday, April 10. Coach Krafft has hopes of seeing his men beat the U. of C. and avenge last year's defeat, and to judge by the performance of the men, Armour has a good chance of winning.

Tech Has Good Infield

The pitching staff includes such first string men as Dollenmaier, Dolve, and Kruse. The man on the mound will be backed up by a fast, capable infield. Wagner, Skeppstrom, and Roche vie for honors at short, while Dunne and Logullo will alternate at second. Janas, a new man, will be guardian of third base and will lend strength to the sluggers. Speaking of sluggers, the Tech hitting strength seems to lie with Adamec, Seidenberg, and Shewchuck. The lack of batting practice, however, makes it impossible to tell what the season holds in store in the way of home runs. Defensive play will be directed from behind the plate by either Russek or Bartusek, both very capable catchers. On paper, Armour has the makings of a winning team but the lack of practice makes the outcome of Friday's game doubtful.

Haarlow On First for Chicago

Chicago, on the other hand, has been able to practice in the field-house and has a veteran team to work with. Haarlow, U. of C. basketball star, will be back at first base and will probably turn in as spectacular a performance as he did in last year's game, when he drove in two runs with three hits. Another star who will be back this year is "Bussey" Yedor. He will return to the mound for the Maroons in an attempt to equal last year's record of eight strikeouts in a four hit game. So far this year Yedor has not shown up so well. Last week when the Maroons played Illinois Wesleyan, he blew up when the opposition pounded him for several runs. If the Techs are able to drive a few runs across the plate, it is likely that the Maroons will be forced to call on reserve pitchers. Illinois Wesleyan beat Chicago by impressive margins in two games, but this extra practice will undoubtedly give them an advantage over the Krafftmens.

Busy Slate Planned For Tech Racketeers

Tuning up for the first game of the season on the 24th of this month, Tech's tennis team is continuing to practice at the Armory. At present the field has been limited to some fifteen from whom the team proper of five men will be chosen.

Bill Hamlin, manager of the team, made known last Friday that at present most of the matches for the coming season have already been scheduled and the few remaining schools will answer soon. Fortunately, the list isn't any tougher than last year's for only one man remains from that team. As the meets now stand, Tech will play against Loyola, North Central, George Williams, Indiana State Teachers, Wheaton, and Wright. Lake Forest will probably be omitted from the line-up due to their freshman ruling, but its place will likely be taken by several others.

New Team This Year

The men who are shaping up particularly well are Quande, Boehme, Herz, Natinczek, Swanson, and Captain Arnold, but actual play will determine their real worth. The new team will have to show up well to rival last year's group that was made of championship timber. Winning eight out of twelve matches they belong to the highest standing teams that Armour has produced. Bob Esbensen led the squad by winning twelve out of twelve and Herb Arnold, rightly chosen captain for this year, took all five of his matches. If the present team can do as well, they will succeed in making Armour tennis conscious.



Coach Krafft, as a delegate of the Coaches Association in Chicago, is on a trip to New York where he will attend the coaches' convention. Krafft will also be present at the Olympic basketball playoffs. During his absence "Sonny" Weissman is officiating on the baseball squad.

The Tech wrestlers who entered the Central A. A. U. meet were defeated by men of Olympic caliber. Of the seven men in the tourney, only Tullgren stayed through the first round, and it may be said that those who downed the Techawks fought their way to the finals.

Last Saturday and Sunday the Tech rifle club participated in the hundred yard indoor matches at the University of Chicago. We hope they came out better than in the postal match with Illinois.

Intramural manager Ruppert is sorry to inform the softball entries that the tourney will be postponed until after the spring holidays because of bad weather.

Softball Tourney Delayed by Snow

Armour Tech's third annual inter-class softball tourney received a severe setback last week when four inches of snow happened along before more than two games had been played. The sophomore fire protects succeeded in beating the junior mechanicals on Tuesday morning, a week ago, in a seesaw game by a score of 10-9, while the junior chemical took apart the freshman B team quite easily by a 19-10 tally.

Soph Fire Protects Win

The soph fire protect-junior mech game in the morning, though close at the finish, was loosely played and resulted in a run in the first and two in the third inning for the second year men, but meanwhile the juniors had driven home eight runs in the same time, two coming in on a triple by Anderson. After the third inning the teams tightened up and no more scores were made till the first of the seventh when a rally was started that battled the sophomore team around and netted them seven runs.

Tech Trackmen Prime for Cinders After Successful Indoor Season

With the culmination of the indoor track season at the Armour Tech Relays the track team put behind their indoor schedule. Taking leave of their spacious quarters at the University of Chicago's field house, the squad has decamped to Ogden Field where outdoor practice will commence as soon as spring makes up its mind to stay. Lockers have already been distributed and the team is looking forward to its workouts and its first meet with Elmhurst on the eighteenth of this month.

A brief review of the indoor season shows that the track team gathered in three victories, a second in a triangular meet, and a defeat at the hands of North Central. They turned in their first victory with a closing-minute victory over South Side Junior College, the meet being won in the final race of the afternoon, the half mile relay. Following in order came the triangular meet with Chicago and Loyola, which netted the Techs a second, first going to Chicago. Another meet in which Loyola was involved this time alone, saw the Techawks repeat their victory.

Armour Beats South Side Twice

The second meet with South Side had Armour again on the heavy side of the score, but again it took the last event to turn the trick. The North Central meet at Naperville, the only one away from home, saw the Techawks suffer a 60 to 44 setback.

At the beginning of the indoor season, when Root took over the coaching reins, there was only a skeleton of a squad left to work on, most of last year's team being lost by graduation. However, the group of new prospects who turned up gave new hopes, and the team at present

Golfers Prep for Wright Jr. Meet

Spring again heralds the opening of another golf season. With the return of three of last year's men, Richards, captain, Shanahan, and Davidson, the golfers are looking forward to a successful season. The fourth man will be C. Skuza, winner of the open tourney held last fall to discover new talent. Likewise, Haase, Malmfeldt, and Marshall, who finished in the tourney neck in neck, will be squadmen. Coach Bibb cautions other men who were in the tourney to stay in good form as they will be needed next year.

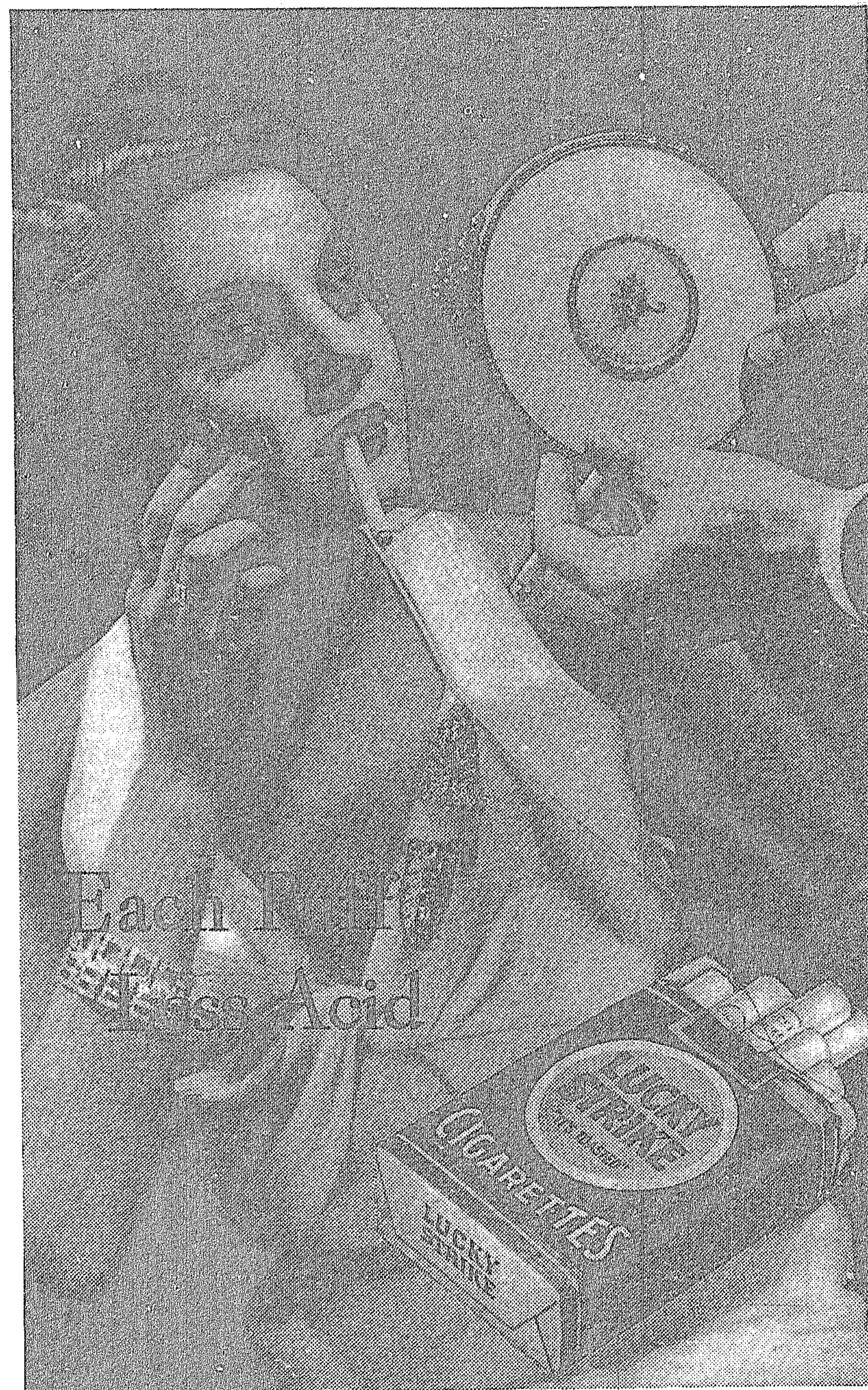
John Davis, team manager, has tentatively arranged a crowded schedule with a large number of contestants. Three meets have been scheduled during Junior Week in which the members of the team will be kept busy. The annual alumni classic will be held the week previous. The team is pleased in having the Southmoor course extended to them again as their home course for this season and thank the management for their offer.

Tentative Golf Schedule

- 1936
- April 18—Wright Jr. College at Southmoor
 - April 20—Northwestern University at Kildeer
 - April 25—Beloit at Southmoor
 - April 30—South Side Jr. College at Southmoor
 - May 2—Loyola at Southmoor
 - May 9—Alumni at Southmoor
 - May 11—Wabash College at Crawfordville
 - May 12—Eastern Illinois State at Charleston
 - May 13—Purdue University at Lafayette
 - May 23—Indiana State Teachers at Southmoor

Protecting their 10-8 lead they allowed the juniors only one more run, in the last of the seventh to win 10 to 9.

After lunch the frosh B's tangled with the junior chems and came away at the lower end of a 19-10 beating. The mushy field accounted for some of the poor play that let a total of 29 runs pass home plate, but a good deal of fly-dropping and ball-muffing can be attributed to some rather awful ball playing. The frosh led away well and succeeded in attaining a 7-5 lead by the third inning but didn't hold it long against a junior offensive in the fourth. The other games scheduled for last week were called off and will be played as soon as the weather permits.



Each Puff Less Acid A LIGHT SMOKE

OF RICH, RIPE-BODIED TOBACCO

Over a period of years, certain basic advances have been made in the selection and treatment of cigarette tobaccos for Lucky Strike Cigarettes.

They include preliminary analyses of the tobacco selected; use of center leaves; the higher heat treatment of tobacco ("Toasting");

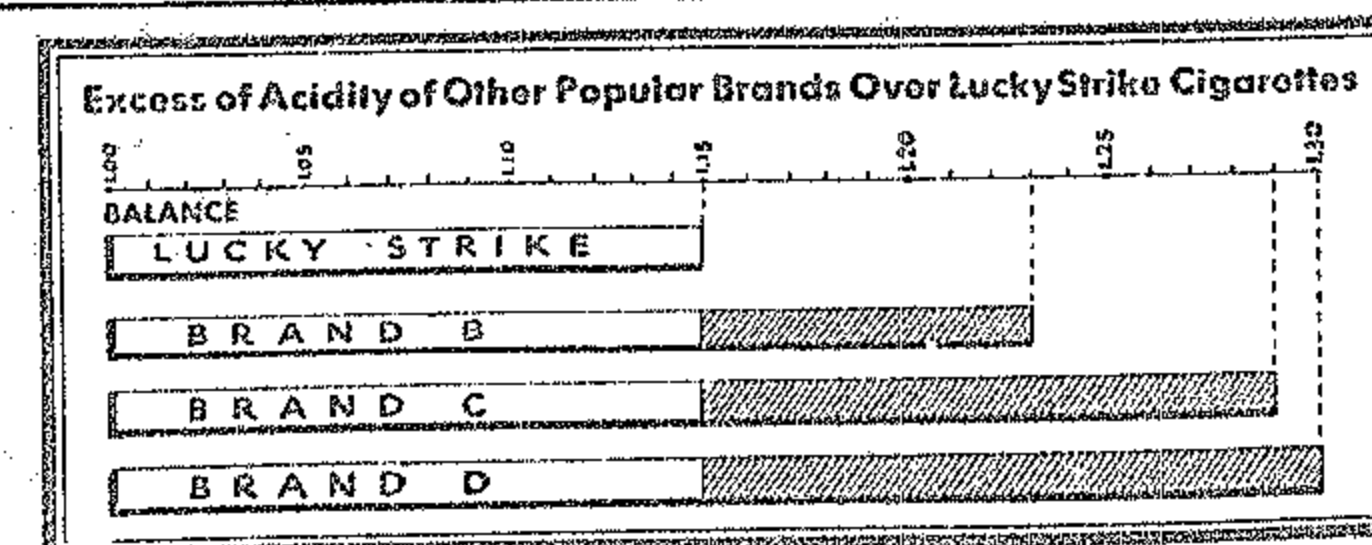
consideration of acid-alkaline balance, with consequent definite improvement in flavor; and controlled uniformity in the finished product.

All these combine to produce a superior cigarette—a modern cigarette, a cigarette made of rich, ripe-bodied tobaccos—A Light Smoke.

Copyright 1936, The American Tobacco Company

Luckies are less acid

Recent chemical tests show* that other popular brands have an excess of acidity over Lucky Strike of from 53% to 100%.



Luckies — "IT'S TOASTED"
Your throat protection — against irritation — against cough