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ILLINOIS INSTITUTE OF TECHNOLOGY, CHICAGO, ILLINOIS

NOVEMBER 18, 1941

WINTER INFORMAL SET DEC. 12

Liberal Art For National Defense Is Vital — Clarke

Dean Interviewed Over WJJD Friday

Dr. Clarence L. Clarke, Dean of the Liberal Arts division, was interviewed by Mrs. F. Russell Lyon, state president of the Illinois Congress of Parents and Teachers, over station WJJD at 9:30 A.M. last Friday, November 14. The topic discussed was "Education, Our First Line of Defense."

When asked by Mrs. Lyon if he felt that the basis of education had shifted appreciably since the days of the "founding fathers" of Illinois Tech, Dean Clarke replied that, "What has changed are the incidentals of life that contribute profoundly to the sociological, political and material development of the human race."

Dean Clarke also stated that he believes "That in time of peace, plowshares will evolve from swords, as has always been the case. When peace comes, I expect education will come back on its main line, which is to produce men and women the President mentions as having 'broad understanding and special aptitudes'. That we will very badly need the best type of these students trained in the traditional disciplines of the liberal arts is evident."

Increasing Technology

Dr. Clarke explained that although "there is a seeming stampede away from the liberal arts and pure sciences toward the technological skills and applied sciences, . . . a more conservative attitude on the part of schools and students is reasonable."

Interviews on the problems of education are held each week over station WJJD and are sponsored by the Illinois Congress of Parents and Teachers. Dean Clarke is the second member of the Illinois Tech faculty to be interrogated. President Heald, who was the first, spoke before this body last January.

ILLINOIS TECH CHOSEN TO PRESENT NEW COURSE IN MICRO-TECHNIQUES FOR SECOND SEMESTER EE SENIORS

Course In Electronics Arranged For Seminars

Illinois Institute of Technology has been chosen by the Federal Security Agency of the U. S. Office of Education as one of the forty engineering schools to present a special newly-developed course in micro-wave techniques for the second semester senior curriculum in electrical engineering, President Henry T. Heald announced last week.

An outgrowth of the latest research in electronic laboratories, the applications of micro-waves in airplane detection equipment and many industrial processes have become increasingly important recently, particularly because of national defense. This is the first time such a course has ever been offered in undergraduate engineering curricula due to its high-

EENIE, MEENIE, MINIE, MO



ALVINO REY And KING SISTERS

Social Fraternities At Lewis Form Board Of Fraternity Coordination

Social fraternities at the Liberal Arts Campus of IIT have recently cooperated in forming a Board of Fraternity Coordination. This action was approved at the Student Council meeting November 11, at 9:00 A.M. The president and an elected member from each of the fraternities, Daedalians, Gamma Rho, and Theta Beta Alpha compose this board, which will be run similarly to the Pan-Hellenic Council of the Sororities. One elected member of this group, is to be the representative of the board in the Student Council.

ly specialized and graduate level nature.

Dr. Robert I. Sarbacher, Illinois Tech professor of radio engineering, will return on November 18 from MIT, where he has spent the last three weeks directing a conference attended by representatives from many other technical schools planning the new course. Particularly well qualified to assume direction of micro-wave techniques here, Dr. Sarbacher was at Harvard university all summer until October 27 giving essentially the same program to engineers of the U. S. Signal Corps. It is thought that seniors who have this training can reasonably expect the Signal Corps to be much interested in them and probably to offer them commissions as second lieutenants if they are physically and otherwise suitable. Regardless of this, how-

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WSE Members Hear Professor Kanne On New Atom-Smasher

The Western Society of Engineers presented Professor W. R. Kanne of the IIT physics department, at its meeting on Friday, November 14.

Dr. Kanne spoke about his research project, nuclear physics, which is known to the non-scientific world as atom smashing. Dr. Kanne commenced his lecture by giving a few facts concerning the historical development of this field. He stated that in 1895-1896 nuclear physics began with the discovery of the X-ray, and that shortly afterwards the Curies' historic work with the uranium series brought the subject of radioactivity out into the open. He continued by telling about the wonderful work done in the early part of 1910 by Rutherford who used the radio-active elements as his bombarding force, and that the discovery of the protons issuance from bombarded atoms took place in 1919.

The professor then went on to describe the various types of high voltage atom smashers, and in particular the machine to be used at IIT.

The applications of atom tracers which are produced by atom-smashers, have become increasingly important in the fields of chemistry, biology and medicine, not to mention physics.

After the meeting, about 25 students, at the invitation of Dr. Kanne, visited the atom-smasher laboratory to learn more of the intricate details of the machine.

All-School Dance To Be Held In Grand Ballroom Of Sherman

Music By Alvino Rey And King Sisters

Proceeds Will Go To Fieldhouse Fund

In the musical world, the names of Alvino Rey and the King Sisters are considered synonymous with the best that is offered to the dancing and listening public. Since leaving Horace Heidt two years ago to organize his own band, Alvino has risen steadily to his present position—one of the leading orchestras of the nation.

Illinois Tech will play host to this musical aggregation on December 12, at the Sherman hotel when the first annual IIT Winter Informal will be held.

One of the principal attractions of the Alvino Rey appearance will be the vocalizing of his featured singers, the King Sisters! Having just completed a moving picture for the RKO studios, Rey and the King Sisters are now engaged at the Palladium ballroom in Hollywood, California.

The distinctive style of the Rey 14-piece orchestra is immediately recognizable by radio listeners; his two guitars, one of which is the twin keyboard electric guitar he developed during his employment with Horace Heidt, form a smooth scintillating background for his interesting arrangements. The name "King Sisters" is usually spoken of in the same breath with "Alvino Rey and his orchestra," as a result of their successful association. These same King Sisters, as the Techmen will soon find out, are as easy on the eyes as they are on the ears. Alyce, Donna, Louise, and Yvonne do admirable service to the vocals as a quartet and also appear separately for the solo numbers. Another featured vocalist is "Skeets" Herfurt, formerly one of Tommy Dorsey's most valued saxophone artists.

Although the orchestra has been in existence just two years, it has (continued on page two)

Memorial Services To Be Held At Lewis For Late Director Carman

Memorial services for George Noble Carman, director emeritus of Lewis, who died June 24, 1941, will be held in the Lewis Institute Auditorium, Sunday November 30, at which time all alumni and friends are invited to attend.

Director Carman, a graduate of the University of Michigan, was noted not for his forty years at Lewis but rather for the accomplishments he brought about by his untiring energy. Mr. Carman was one of the founders of the North Central Association and was very active in the founding of our own Lewis Institute. During the year prior to his appointment as Director of Lewis he toured the country surveying the types of schools then in existence in order that he might formulate a school that would not only meet

(continued on page two)

Coming as the first of the newly-planned series of Illinois Tech all-school dances, the "Illinois Tech Winter Informal," featuring Alvino Rey and his orchestra and the Four King Sisters, will be held Friday, Dec. 12 in the Grand Ballroom of the Sherman Hotel. Because of the fact that this dance is being held to secure funds for the Student Fieldhouse Fund and because of the fine reputation of the orchestra, it is expected that over one thousand couples will be attracted to the affair. This will be the largest crowd ever accommodated at any Illinois Tech social function. Provision has already been made at the Sherman for 1500 couples.

The choice of Alvino Rey's orchestra was made in line with the new dance program committee's policy of hiring only "name" bands. The Grand Ballroom of the Sherman was chosen in order to accommodate the huge number of couples expected to attend.

Since the dance will be held primarily for the Fieldhouse Fund, it is likely that Illinois Tech's alumni will turn out with the undergraduates in great numbers to make the dance both a financial and a social success. Anyone who attends or has attended Illinois Tech realizes the great need here for a fieldhouse, and most of these people will be more than willing to attend a function which will directly aid in its establishment.

It has been announced that all the facilities of the Grand Ballroom will be at the disposal of those attending the dance. Besides the spacious lounges directly off the ballroom, table seating facilities for 800 people will be available in conjunction with the bar.

Priced at \$2.25, bids for the affair are now on sale. The bid is of the French fold type, lettered in scarlet on a glossy, gray paper. A large red "I" is displayed on the bid envelope.

The dance committee is composed of the social chairmen of each of the classes on both the south and the west campus, with George H. Pedersen, south campus senior social chairman, acting in the capacity of committee chairman. Other members of the committee are Robert Creagan, William Dunlap, Bert Goldman, Marilyn Johler, Raymond Kaeding, James Mc Nerney, Eileen Robinson, Sylvia Weislo and Bruce Worcester.

Because of the high cost of the Winter Informal, bids will have to be turned over quickly and in great quantity to assure a financial success. Other dances just as large and possibly larger are expected to be scheduled as a part of the dance program as soon as the success of this first dance has been well established.

"Turkey Trot To Be Real Brawl" - Tachau

Any engineer, or otherwise, not wishing to be branded as a social deadhead had better dig down into his jeans for thirty-five cents in coin or stamps to secure a bid for the TURKEY TROT.

Tomorrow night the Armour auditorium will be dressed up in glowing colors. Charles Iseminger, who is in charge of the dance, has acquired multi-colored garlands and many other ornamentations to decorate the auditorium.

Tickets for the Turkey Trot can be obtained in the Student Union all day tomorrow. At that time all Dance club members are required to pay for the tickets they have sold, and to return those which have not been sold as yet.

Several surprises are planned for the evening. Barney Ellis and his swingsters will furnish the "moosic." The cafeteria will also be open, so that the dancers can have refreshments during the intermissions.

Alvino Rey —

(continued from page one)

become established as one of the country's most entertaining bands. Shortly after the organization, Alvino Rey combined with the King Sisters to form a new enterprise of which the Kings became co-owners. The association was successful, not only in a business sense, but also as regards the principals; witness the union of Alvino and the lovely Louise. The popularity of the band, also steadily on the increase since its inception, rose meteorically after its engagement at the Rustic Cabin, Englewood, N. J., some nine months ago.

The quality and number of arrangements presented by the Rey-King combination are well-known to Alvino fans, and other interested listeners and dancers. Among the newer releases are "If It's True," "Nighty-Night" and "Everything Happens to Me," in each of which the lovely voices of the King Sisters are featured. In the first two named above, Yvonne renders the solo and in the last, Alyce provides the vocal decoration. In the prevailing custom of present-day orchestras, Alvino Rey has arranged two numbers based on the classics imparting to them an abundance of color and verve which should endear them to jitterbugs and classicists alike. These two numbers are, "The Light Cavalry Overture" and "The William Tell Overture."

Carman —

(Continued from page one)

the requirements of the will of Allen C. Lewis but also the needs of the future students.

Among the speakers scheduled to be present at this Memorial Service are Dean Edmonson of the University of Michigan, Dr. Charles Gilkey and Trever Arnett from the University of Chicago and Professor Smale of Lewis.

LOST!

20 inch Log-log duplex Kueffel and Esser sliderule, at south campus sometime last Friday afternoon. Reward to finder if returned to John S. Golden in care of Registrar's Office.

Courses Arranged —

(continued from page one)

ever, so much emphasis is being placed on micro-wave techniques in industry at the present time that well-trained men in that field may have little difficulty in getting placed. Specialized as it is, micro-techniques also offers an excellent background for all types of radio and electronics work.

Assisting Dr. Sarbacher in setting up laboratories for the new course is electronics expert Dr. William A. Edson, a new addition to the faculty from Bell Research Laboratories. Several thousand dollars worth of equipment is being supplied at the expense of the government to make what is expected to be the finest school electronics laboratory in the middle

west. This laboratory is to be situated in the old dynamo laboratory on the west campus. In addition, a temporary laboratory is being outfitted in the south campus Chapin Hall, to speed up the initial instruction in the course and the building of some special equipment which will be undertaken by the present students in radio engineering.

Specifically, micro-wave techniques will be a study of the generation, transmission, and detection of ultra high-frequency waves on the order of one centimeter to one meter. At the present time micro-waves are being used in industrial control, telemetering, carrier current relaying, supervisory control, and extensively in communication work. One of its important newer uses

is in apparatus which can detect with marvelous accuracy the presence of enemy aircraft regardless of weather conditions.

For those senior electrical students interested in taking the new course, one completed semester of radio engineering and enrollment in second semester radio is required. Micro-wave techniques will be closely coordinated with the radio engineering course and supplies four semester credit hours—three hours of lecture and three hours of laboratory per week. In order to make room for this combined total of eight semester hours in radio engineering and micro-wave techniques, several curriculum changes have been necessitated. Industrial studies, E.E. 411, has been dropped from the curriculum. Advanced circuit theory, E.E. 404, has been revised

from three hours of lecture to two hours per week with the provision that the same credit of three hours will be allowed if a term paper is completed by April for the student paper competition in the A.I.E.E. convention scheduled at that time.

Also, one hour's class per week in A.C. machinery laboratory, E.E. 410, has been dropped, and plans have been made to somewhat shorten time spent in preparation of lab reports without sacrificing effectiveness of lab work.

For those students not interested in micro-wave work, Dr. Hobson, head of the electrical engineering department, announced that special electives according to the student's preferences will be set up to provide for the time that has been cut from the usually standard part of the curriculum.



MARJORIE WOODWORTH
Chesterfield's Girl of the Month
in the Hal Roach hit
"All-American Co-ed"
a United Artists Release

Let's Celebrate
IT'S CHESTERFIELD

Pass around the Chesterfields
and it's pleasure time for everybody... smoking
pleasure that only the right combination of
the world's best cigarette tobaccos can give you.

Chesterfields make good friends... they're
milder, definitely better-tasting and cooler-smoking.
Everybody who smokes them likes them.



They Satisfy

West Campus Seniors Approve New School-wide Dance Organization

At a meeting of the class of '42 last Friday, Bob Meyer, President of the Lewis Student Council, reported that the second-floor lobby has been suggested as the place for a Student Lounge and that plans are being formulated along this line. Architects have been contacted to consider the possibilities of remodeling the lobby so that the windows of the business office will face directly onto the corridor, and to partition off the spaces between the columns so as to provide the entire area to the north of the columns for lounge space. Remodeling will begin as soon as estimates, which are acceptable to the administration, are submitted.

Seniors Support Lounge

A motion was made and passed to the effect that the secretary should send a letter to the Lounge Committee supporting the establishment of a Student Lounge, and expressing the willingness of the class members to pay a lounge fee, not to exceed \$1.00, for the purpose of furnishing said lounge when the remodeling has been completed.

Elect Reiser Treasurer

As a result of Anne Anderson holding the joint office of secretary-treasurer, the senior class has had only three voting members on the Student Council. To obtain full voting power, the office was separated into its com-

ponents, and Howard Reiser was elected treasurer by acclamation, Miss Anderson retaining the position of secretary.

No Lewis Prom

After a lengthy discussion, a motion by Tom Cafcas was passed that there shall be no traditional Lewis Senior Prom this year, but that a committee should be appointed to work in collaboration with a similar committee from the south campus for a school-wide IIT Senior Prom.

This decision was made in accordance with a recent suggestion in the Tech News that organizations of IIT should not attempt to run a large number of small dances in competition with each other, but rather to concentrate on a few large, well-organized affairs to which the entire school would lend its support. A suggestion of holding a closed Senior Dinner met with warm approval, but, due to more pressing business at hand, no committee will be appointed until possibly the next meeting.

Appoint Committees

President Steve Mendak reported that selection of class jewelry is now under consideration. The Jewelry committee consists of Bob Meyer, Chairman, Mae Krueger, and Florence Moss, ex-officio. Appointments of the remaining committees will take place in the very near future.

ELECTRIC STRAIN GAUGE WORK OF FOUNDATION LABS

Answering the need for an accurate method of measuring strains caused by transient loads on beams, the men of the Armour Research Foundation have developed an electrical strain gauge. Although mechanical gauges can be used with static loads, no true determination can be made when the material being tested is undergoing strains from moving loads.

Tiny Gadget

This new instrument is tiny in size, the part attached to the beam being about one inch long, but very effective in operation. A fine wire is molded into a short plastic bar, and leads are attached to the wire. The plastic bar is cemented to the structure being tested. Strains in the beam cause either a lengthening or contracting in the wire according to the position and direction of the load. The resistance caused in the wire due to the change in length is amplified and the current passed through a cathode-ray tube. The deflection and curve of the cathode ray oscillations are photographed and a study can later be made of the finished print.

Practical Applications

It is possible to record strains suffered by a railroad rail while being passed over by a train. Using a mechanical gauge, the indicator needle would point wildly across the dial, and it would be impossible to get an accurate reading. Although the same unfortunate results would be obtained using an electrical gauge, the solution is found with the use of the cathode ray. The curve of the electrons follows a pattern which can be photographed at any instant of the train passing over the rail.

Mr. W. R. Mehaffey of the Foundation was able to adjust the oscillations so that the gauge could be used with static loads as well as transient loads. The project has been under the direction of Dr. Clayton O. Dohrenwend of the stress analysis department.

Rear Admiral Erie Talks On Navy History, Policies, And Equipment

By Stephen Mark

At a special assembly last Wednesday, Dean Peebles introduced Rear Admiral Erie of the naval reserve who spoke on his association with the navy. Erie began his career as a bluejacket in the Spanish-American War. He is the only man in the navy to rise from a seaman to admiral.

Volunteers in Our Navy

Erie stated that all the men in the navy are volunteers. Following this idea of volunteers, the rear admiral described the early history of the navy. He told about an Irish settler in early America named O'Brien who organized a party and captured a British frigate which raided his colony.

The first sailors in the United States Navy worked without pay. Among these early volunteers was John Paul Jones who was probably one of this country's most famous sailors. These men did not receive any pay but became wealthy with the prize money received from raiding enemy ships.

Naval Reserves Since 1893

Rear Admiral Erie told how the present naval reserve system was established in 1893. In the original setup there were naval reserve units in Boston, New York and the other leading cities. After the success of the naval reserve in the first world war, the working reserve of the navy has been kept at a maximum in the event of another war.

Last year, the navy started taking engineers from all the technical schools in the country to train them in the intensive courses of the naval reserve for active duty. Fifty-five men were taken from Armour and altogether twenty-five thousand students were taken from engineering schools throughout the country.

Reserves Are College Grads

Abbott Hall has a four months naval training course for deck officers. All men in training at Abbott Hall are college graduates.

Rear Admiral Erie asserted that "We're going to have the biggest navy in the world." He told of the navy's twenty thousand officers and added that the navy is a "wonderful" place.

There are seven reserve officers training corps in the United States. All these trainees are college men and are taking courses in naval tactics and science.

We Have Finest Ships

The rear admiral told about the ships of the navy and mentioned that "the navy is building the finest ships in the world." The Graf Spee, a German built warship, had welded construction and didn't last one battle. Erie described how this pocket battleship of the German Navy was literally shaken to pieces by the vibrations of its own gunfire.

American built destroyers have returned to port after being torpedoed. Erie spoke of the excellent construction of the "Kearney" and other ships of the navy. The rear admiral told about the test run of the "North Carolina" and how it successfully withstood the tremendous vibrations set up in her hull by firing all guns at once.

The admiral spoke briefly about engineering graduates being accepted by the naval reserve. He described the program as being similar to last year's program when physical examinations were given to students. He added that last year's students were put immediately onto the navy's payroll. He said, however, that the program was not definite as yet.

Professor Lee Says Labor All-Important In War Emergencies

By Bud Carlson

(The fourth of a series of interviews with Illinois Tech professors upon the relation of national defense and their special field of study).

Dr. Judson F. Lee, professor of business administration, expressed the belief that American labor today has attained a greater degree of democracy than any other laboring class in the world and this "degree of democracy" is being scrutinized by all other countries to see labor's reaction in this world crisis.

Although the AF of L has pledged its support and the CIO has representation on the OPM board, the laborers have shown that they are using this crisis to attain their demands on industry. In regard to the railroad strike, Mr. Lee said, "This strike if allowed to go into effect would bring to a standstill the transportation of the nation. If this situation is tolerated, why should we worry about convoying our goods across the Atlantic when we could not deliver the products of the factory from points within the country to the coast line for reshipment?"

Proposed Coal Strike

"If this strike and John L. Lewis' proposed strike in the captive coal mines are permitted," he continued, "we cannot deliver or even produce the needed steel."

"Will the people of our great country," he asked, "tolerate this delay in this defense program?" The settlement of these problems is of a very serious nature and must be met by the majority in order that we may continue the defense program. Dr. Lee concluded with this statement: "Whatever the solution, the threat of a minority 'power group' is very real and the issue must be fairly met."

FACULTY BRIEFS

At the invitation of Mrs. Anna C. Orcutt, school psychologist, the staff members of Illinois Tech's library gave talks to the freshmen psychology classes during the past week on how to use and obtain the maximum benefit from the library.

* * *

Mr. Richter of the English department announced last week that in the near future he will read a paper before the German Literary, sponsored by the German department of the U. of C. The subject of his discussion is the life of Herman Stehr, a German writer who died five years ago.

* * *

Professors McCormack and Peck of the department of Chemical Engineering attended the fall meeting of the A.I.Ch.E. at Virginia Beach, last week. While in the east, Professor McCormack addressed the student chapter of the A.I.Ch.E. at Pratt Institute. His subject was: "Technique Used in Heat Transfer Measurements."

* * *

Last week a meeting of Gamma Theta, honorary dramatic fraternity, was held for the purpose of deciding on a play to be held in the near future. At this meeting it was also announced that Mr. Richter will act as faculty adviser for the Armour Players.

Fourteen Wranglers, members of the co-op human engineering society on the Armour campus, were entertained by Professor Thompson and his personable wife, at their home last Tuesday, November 11. Professor Thompson told about his career and discussed a very interesting lecture he attended at the Physics Club of Chicago, while Mrs. Thompson served sandwiches and coffee.

* * *

At the November meeting of the College and Reference Section of the Special Libraries Association, Miss Patricia Johnson was elected secretary for 1941-42.

Recent additions to the rental collection in the Armour Library include Leech's "Reveille in Washington", Bacheller's "Wings of God", Cronin's "Keys of the Kingdom", Wertham's "Dark Legend", Shirer's "Berlin Diary", and Dark's "Timeless Land".

* * *

Professor Rufus Oldenburger will lecture on "Factorization of Polynomials" at the University of Chicago, Eckhart Hall, Tuesday, November 18, at 4:30 p. m. This lecture, which is open to the public, will deal with a field of mathematics developed at Illinois Institute primarily in the last three years.

LEWIS STUDENTS STRESS NEED FOR STUDENT LOUNGE

Simultaneously with the seniors, juniors, sophomores, and freshmen held their respective meetings on the liberal arts campus last Friday. All of these classes unanimously agreed that there is a definite need of a student lounge on the West campus, and the members of these classes are willing to assume an additional reasonable fee in order to secure and maintain the above mentioned lounge.

Highlight of the Junior class meeting was the election of a new vice-president. An unusual situation had arisen in this class; for Art Petterino, who was elected president at the first meeting of this class, has since been called to the army, thus leaving the position vacant. As a remedy for this situation, the class decided to elect a new vice-president, and to have Bud Carlson, former vice-president assume the duties of president. Patricia Arns was elected to the position of vice-president.

Further business of the class was then taken up. Dorothy Giambelluca, activities chairman, then explained the reason, and announced the time, place, and orchestra for the first official dance of the school, the winter Informal, the proceeds of which will go to the student Fieldhouse Fund. Also discussed was the possibility of the selection of jewelry during the students' junior term.

Members of the freshmen class discussed the possibility of a dance, the Freshmen Frolic, the proceeds of which would go toward the student lounge. A committee was elected to further this plan. The committee is as follows: Earl Siminek and Maxie Smith, co-chairmen, Norma Cooper, James Christianson, Ted Barzinski and Virginia Pochelski.

Tis A Geat Day For Irish As Frosh Elect Gibbons And Murphy

In typical IIT fashion, the freshman class went to the polls on November 11 and succeeded in electing a president and a vice-president.

In the primary, held October 31, every race was neck and neck except the office of ITSA representative where Harold Skinner was swept into office with a three to two vote. James McNerney was elected social chairman, and Eugene Andre nosed out Sidney Collins by eleven votes for the office of treasurer. For secretary, Herb Post took the race from James Ford by seven votes.

The run-offs last Tuesday were very close, as James Gibbons was elected vice-president, and William Murphy took the presidential race.

Special Aptitude Tests Planned For Pre-Meds

Special tests given specifically for those students who failed to take the test last spring but who are planning to apply for admission to medical school during 1942 will be given Dec. 5, at 3:00 p. m. in room 535. The Association of American Medical Colleges' sponsors these aptitude tests each year in order to determine the aptitude of the pre-medical students throughout the nation.

Pre-medie students should make application immediately at the registrar's office. As has been the practice in the past, a fee to be paid at the time he takes the test is required of each student. Dr. Leslie L. Hedrick, chairman of the biology department, may be consulted for further information concerning the test.

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DEAR POLYGON STAFF

Please accept our profound sympathies in your seemingly endless difficulty of obtaining an even mildly constructive attitude from the students toward the planning of Illinois Tech's 1942 yearbook. Technology News' recent poll requesting comment on the name "Polygon," suggestions for new names if that was unsatisfactory, and other constructive criticisms on the general nature of the last book received a miserably weak response. A recent formal and unanimous protest from the south campus senior class against the name "Polygon" has resulted, for some reason unbeknownst to us, in no constructive approach to the problem. And so it seems that you'll never know until you've done it whether you have done it "right" or not.

The whole situation seems to boil down to this, and only this, if we may be allowed to stick in our little oar. Definitely the 1941 Polygon was unpopular at both west and south campuses. That is all either you or we know.

Apparently, then, it would be a mistake if either the form or name of the last yearbook were to be repeated. The students are, after all, the people you have to please and a wide departure from what they DON'T like is usually a safe policy. And if, incidentally you don't happen to be convinced that the last yearbook was not liked, walk down amongst the masses and talk with them. You will be surprised at the unanimity of dislike. DON'T poll them with ballots. They have to write, then, and think a little bit harder . . . results, Nix.

The opinions of this department on last year's yearbook have not been asked, we admit. As usual, however, we will plunge in with our customary nonchalance and feebly attempt to spread some light upon the subject. To begin with, we might as well go on record as having liked some of the ideas in the 1941 Polygon. But as is too often the tendency in radical departures from the customary style of things, many of the new wrinkles that were

tried went much too far. For instance, from the make-up man's viewpoint, a liberal allotment of white space in the laying out of pages is a very effective trick that affords a pleasant reaction from the reader. The Polygon really did sling that white space around, great gobs of it, sitting around here and there with no place to go. May we point out that in order to obtain the desired effect spacing must be unobtrusively done in such a manner that it sneaks quietly upon the reader and does not burst glaringly out at him? This was a very serious error that we found on entirely too many pages.

The writing in the last Polygon was excellent . . . sparkling and witty, even though, perhaps, too much of an editorial nature for that type of publication. By all means make no sacrifices of quality in the writeups.

With that little breather, let's get back on make-up again. The shape of the book, oblong, was an unfortunate choice in that it limited the opportunities for graceful and beautiful effects. It's a peculiar thing, but the human eyes take in things much more quickly and easily in an up and down direction than from side to side. Consequently no matter how cunningly the pages in an oblong book may be made up, already much of the effect has been lost because it does not instantly project itself upon the reader. Therefore, we strongly urge that the vertical dimension of the new book be substantially larger than the horizontal, as was done in the old cycles and is being done in almost every other college year book.

The important thing in a year book, to our manner of thinking, is to afford the students a pleasant and joyous reflection upon his past year of school life. Accordingly, then, a yearbook must have an air of gaiety and must, in effect, "glamorize" for the student his school life which has previously seemed, perhaps, all too drab "in the daily grind of it all." The rather studiously intellectual and architectural layout of the Polygon defeated this too successfully.

And so we have now spoken our little piece to you brother yearbook, and will now direct our attention once more to our equally doubtful child, the Tech News. Hoping we are still the best of friends and anticipating the greatest success for the 1941-1942 yearbook, we remain

Yours very truly, Technology Newsboys Per. T. B.

ONLY ONE PLEASE

Considerable criticism has been leveled at our unhappy ears of late because students coming to school during the late morning hours on Tuesdays have been unable to obtain a copy of Technology News. We wish to stress the fact that we have a standing order of 2500 copies per week. The total number of subscribers to the paper is approximately 2300, which figure includes the entire undergraduate student body of Illinois Tech. In addition, about 100 copies are distributed to faculty members.

There is then a surplus of some 100 copies each and every week. Yet a large number of students find the Tuesday morning piles of newspapers non-existent if they come to school around 10:30 or 11 a.m.

The answer to the problem must be that many a person, whether faculty member or student, is in the habit of securing more than one copy for himself. Now we like to believe that the Tech News is good; but it's not that good. And we are furthermore forced to point out that this paper is operated practically at cost, the budget being figured almost to a hairline on a rather low advertising intake and \$1 per student per semester which entitles him to some 13-15 copies at the rate of ONE copy a week. As much as we would like to increase our weekly order by two or three hundred more copies so that those who so desired might have more than one issue the figures say we cannot without sacrificing the quality of the paper.

We therefore send forth a general plea to every reader of Technology News. PLEASE limit yourself to only one copy. After all, if you pick up two, or three, or four copies each time so the family or girl friend can have some, too, it just means that some student who has paid for the paper isn't getting one.

YOU'II NEVER GET RICH but you certainly will obtain a wealth of pleasure and experience working on the 1942 Yearbook WRITERS—See DAN BROWN, Editor-in-chief WARREN SPITZ, Armour Editor PATRICIA ARNS, Lewis Editor PHOTOGRAPHERS—See BOB ROSE on South Campus HOWARD REISER on West Campus Frosh and Soph Writers Will Be Met with Outstretched Arms

Student Opinion on National Defense

Student opinion is rapidly gaining momentum in the United States, particularly at this time, when events are taking place with such rapidity. It would be rather gratifying if we could in some way, detect the pulse of the nation. As an attempt to find a solution to this problem IIT has affiliated itself with the Student Opinion Surveys of America. Sponsored by the University of Texas, the poll reaches out into every corner of the nation.

Tech affords an ideal situation in that it brings together a quality of men unlike that of other schools. It represents a substantial cross-section of the mid-western thought among the young engineers. This being the case, each individual approached on the campus should do his part in giving his fullest cooperation. All questions asked are strictly of an impersonal nature. Their weight is purely of statistical value and in no way will they be used against a person.

The S.O.S.A. has been operating for some time and has gathered some interesting results. Among the most recent, was the report that at least half of the U. S. college students are opposed to a change in the neutrality law. Nearly eight out of every ten believed it was more important to supply the allies than to join the fight. It is interesting to note that college women (57%) are more eager than men (50%) to have prospective draftees deferred until graduation.

Selecting a sample of college men in proportion to enrollments in the six geographical areas of the Census, the Surveys asked, "If the United States declared war and sent out an expeditionary force, would you volunteer or wait until you were drafted?" These were the results:

Would volunteer 28% Would wait for draft 64 Undecided 8

The American student opinion maintains that college men should be allowed to complete their education before they are inducted into the army. Even if war should be declared and an expeditionary force sent out, Student Opinion Surveys of America discovers that nearly two-thirds of college men today say they would wait their turn in the draft rather than vol-

unteer. In a nation-wide poll from Maine to Oregon on this question of deferment, the answers on a percentage basis were as follows: Defer them until their education is completed 54% Defer only those being trained in fields vital to defense—science, medicine 24 Simply being a student is no ground for deferment 4 Make students subject to the draft between high school and college 12 Something else 5 Undecided 1

DEFENSE PROGRAM DOES NOT CAUSE INCREASE IN TECHNICAL EDUCATION

The nation's defense program—the emphasis the war is placing on scientific advancement—seems to have had little effect on what students believe colleges should offer.

The S.O.S.A. reveals that during the last two years there has been a very slight increase in the number of collegians who believe higher education should stress technical and professional training. The response to the interviewers question, "Do you believe college background should be mainly technical and professional training, or should it emphasize a wide cultural background?" showed the following results:

1939 1941 Technical & professional 17% 19% Cultural background 46 42 Both 37 39

Less than 2 per cent were undecided; so these no-opinion answers were not included in the tabulations.

Men students, nearly one-fourth of them, want technical and professional training, while only 16 per cent of the women do.

From the comments made by many students contacted, the reason for the small number who want the technical side stressed is that undergraduates do not want the arts and the social sciences overshadowed during this period of strife.

A freshman at Pomona junior college in California told interviewer Donna Peirsol, "If we lose sight of the basis of education and let war hysteria dominate our better judgment, we will find when the national emergency is over that we have lowered the level of education unnecessarily."

West Campus Students See Novel Motion Picture

Organs contract . . . bones in motion . . . hearts beating . . . a meal passing through the digestive tract . . . were shown in the moving picture, "Moving Ex-rays", which was presented last Friday by the Medical Arts Guild, an up-and-coming organization of pre-professional students on the liberal arts campus. The picture was so enthusiastically received that it had to be run through a second time. The response shown by pre-professional students has led to a demand for future activities of this sort, and the officers, headed by Tad Nozniak, have already made arrangements to show a sound movie entitled "Men In Medicine", on December 12. This movie, "Men In Medicine", is a dramatized picture showing the training of the medical student; his early days of practice and some of the problems of present day medicine. This is a MUST for every "pre" student.

Techawks Seek Win Over Chicago Teachers

Seeking to begin the season with the kind of performances they have been accustomed to finish with, the Techhawk cage squad looks for a win over a fast and versatile Chicago Teachers team when they open against them on Thursday, December 4.

The Techawks have a special motive for victory in a desire for vengeance for last season's setbacks at the hands of the Colonels. The opening game last year was bagged by them in a hard fought game in which the Techawks vainly tried to overcome the deficiency incurred in the first half.

Techawks Seek Edge in Series While the Techawks have split with the Colonels in their last four starts, an improved and more experienced team than last season's will be out to stop the Colonels quest for three straight over them when they clash in the season's opener December 4.

TECH DEFEATS FOUR MAROON TEAMS

University of Chicago Bows 20-18 In Six-Man Football Defeat

REAL FOOTBALL!

Touchball Play Reaches Finals

Johnny Cotter Leads Scoring Attack

TECH SHORTS

By Bob Adelson

Making a blitzkrieg look like a tea party, the I. I. T. red jersied, plays-made-up-the-huddle six man football team rolled over four University of Chicago teams and three officials to win a thrilling match last Friday at Stagg Field, 20-18.

Fighting valiantly the Techmen smashed through four different quarters against four different teams to cop the game. Leading 8-0 in the opening minutes of the game the IIT lads relinquished their lead and by the half Chicago had bounced back to make the score 12-8. (It might be pertinent to add at this point that in six man football a kicked point after touchdown counts two points.

The revived Techawks came on the field after the half and in quick time pushed over two touchdowns.

Pedersen Scores First

George Pedersen opened the action for the day when he ran back the opening kickoff for a touchdown. Brilliant downfield blocking and timely stiff arms by George paved the way for the tally. Ivo Buddeke added the point.

Starting the second quarter the Tech boys had a new set of faces to look at and this seemed to confuse them. While in this confusion Chicago ran and passed for two touchdowns. The plays were of a slightly tricky nature and the "boys" worked their slide rules so fast finding the solution to them that they stripped the gears and consequently the points were scored.

At the half Bill Watson and George Martinek were removed because of injuries and Lefty Mongeau and Wally Gow took their places. The third team from Chi was on the field and this time the sight of new faces seemed to inspire the boys because they snapped over two touchdowns in quick time. Johnny Cotter intercepted a fourth down pass and ran the whole length of the field (80 yards) for a counter. Buddeke missed the try for point-after.

Cotter Again!

Later in the quarter Cotter intercepted another fourth down pass and ran back about thirty yards to the twenty yard line. On the third play in this series of downs Hank Alderson threw a beautiful pass to Johnny Cotter who made a spectacular one hand, diving, falling catch of the pass for a touchdown. Starting the fourth quarter, the Chi outfit was a niftily outfitted brown uniformed team that looked like they should do great things. After much effort they managed to squeeze over one more tally before their machine broke down.

IIT regained possession of the ball at this point and played one of the most beautiful stalling games that has ever been seen on the U. of C. gridiron. The boys ran off plays in slow motion and finally simply let the time run out while they stood in a huddle.

In addition to the above named boys every last man who played for the team did a bang up job of it. Pete Zemaitis, Fred Lukens, Bill Lease, Dick Guetzow, Chet Swan, and Midge Goluska, and all did a job that made the spectators happy.

Coach, "Doc" Davey, mentor extraordinary, who can coach any sport, whether he knows anything about it or not, paced Illinois Tech's six man football team to a 20-18 victory over Chicago. There was no bench, so Davey wore the side-line to a mere trace of its former self.

* * *

The Jr. Mechs must do it with mirrors — they won again, this time over the Sr. Mechs. It seems that we'll see them battering their merry way, to the intramural championship this fall — there doesn't seem to be a team, whether better than the Mechs or not, that can accumulate more points than the Mechs, while both teams are playing on the same field. By the way, they're Davey's boys.

* * *

Last Thursday the lads on the tennis squad received some excellent pointers from "Doc" Davey. It all happened this way. Dick Larson, Don Schiller, Earl Sherman, and Jim Ferguson were in the midst of a hard fought doubles set, when Davey rushed over with a hot tip on footwork—O'Connell, the pro at the armory had given Davey some free advice.

Strange, isn't it, that try as we may, we can't talk about sports here at IIT without invariably stumbling upon "Doc" Davey—It's just that he devotes so much time to the various fields of athletic endeavor.

* * *

FLASH!!!!

3B co-op boxer, Chet Swan, will be up there, in the big gym starting December 8. His work period ends at that time. Chet's ears will be flapping, ready to be pinned back—or is there another heavyweight on the team?

It seems that George Martinek, heavyweight on the boxing team, injured his shoulder slightly while playing against Chicago, last Friday. We hope he gets back into tip-top shape for the boxing season. George is really good—he was state high school champ in the 175 lb. division during his prep-school days.

* * *

WARNING!!!!

ALL PING PONG PLAYERS

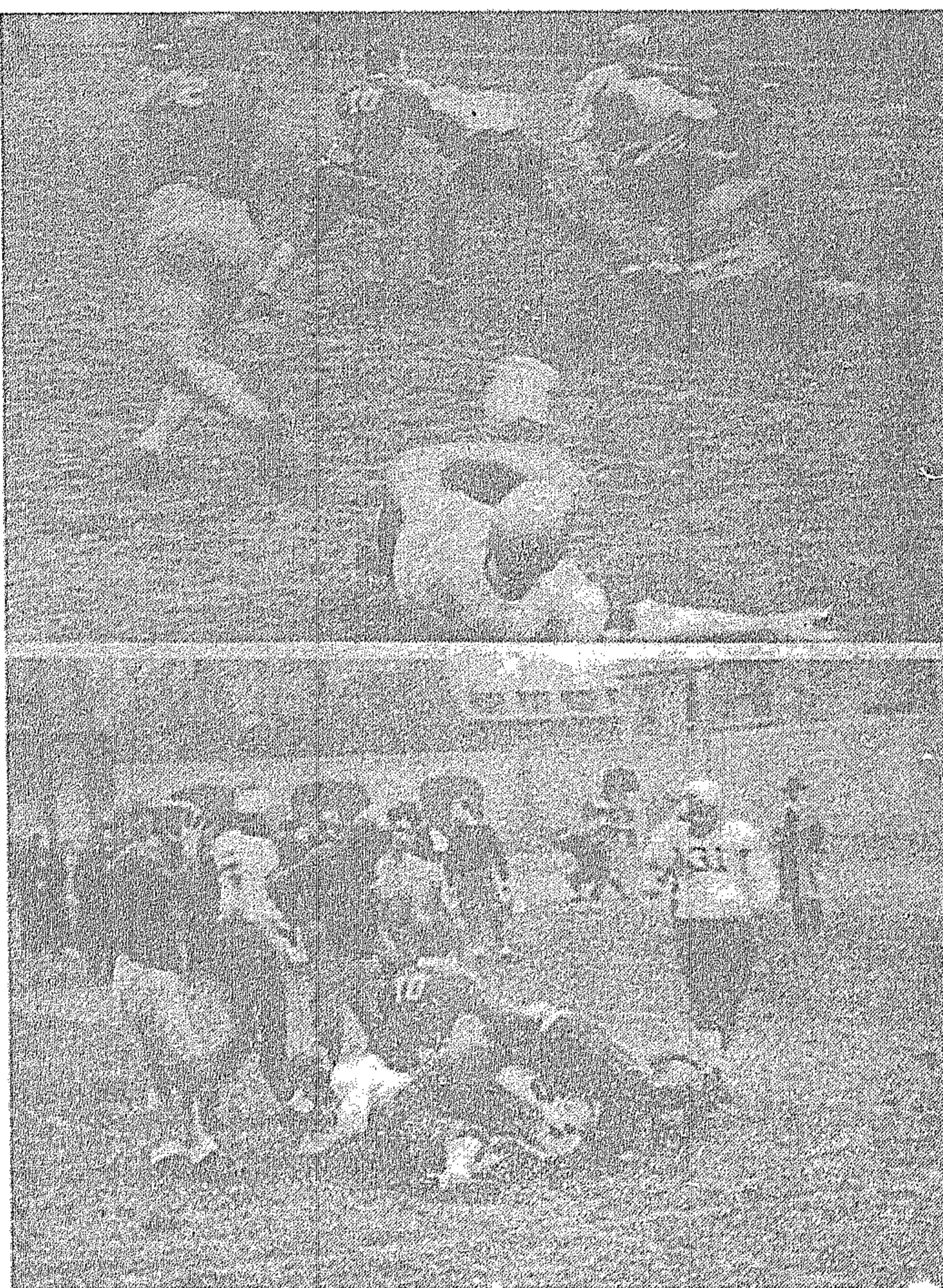
Be prepared with sun glass for the intramural ping pong tournament this fall. The Franks brothers, those two white topped boys, are entering both the singles and doubles tournaments. They've got a good chance to win—just ask them.

* * *

Walter Gow sustained the most severe injury of all of the men in the IIT, Chicago tilt. After being in the game for several minutes during the second half, he hobbled to the side lines asking to be substituted for—It seems he forgot to use a belt.

* * *

Keglers attention! Bowling meeting Friday, November 28. Milt Pleva has informed the sports staff that he will not forget this time. Plans will be made for the bowling league.



There really was a battle during the six man football game last Friday. Visible are Zemaitis, 2; Cotter, 10; and Buddeke, tackling the ball carrier.

Staff Photo by Center

Lewis Touch Tournery Rolls On; Jerks Lead, Molecules Second

Continuing their eventful hard-fought touchball tournament, the west campus teams experienced the glory of victory and the taste of defeat during the past week.

In the wild last five minutes of the second period which featured 6-5 man advantage for the Tools, the Molecules held onto their earlier lead and ended with a 6-0 victory. Having no replacements, after one of their men was ejected from the game on a penalty, the Molecules had to play with only five men.

The lone score of the game came in the first half when Hank "Lucky" Pachowicz caught Joe De Pinto's pass in the end zone.

Co-ops vs. Molecules

In a fight to gain second place the Molecules defeated the Co-ops 7-0 when Hank Pachowicz intercepted a pass on the Co-op 30 yard line and scored with the help of Jack Halloran's blocking. Paul Brockman threw to Emil Pucci for the point after touchdown.

In the first period the Co-ops threatened to score when Don Hintz intercepted the ball on the Molecule four yard line. This thrust was stopped on the first down when Pucci intercepted the ball and brought it out to the ten yard line. A second attempt to score found the Co-ops on the Molecule 15 yard line after they intercepted Joe Minga's pass. The Molecule defense tightened on the third down. Brockman intercepted and ran the ball to midfield.

Molecules had organized offense, and very brilliant defensive play.

Tools vs. Jerks

Scoring their fourth consecutive victory of 19-0 over the Tools,

the unbeaten Jerks grabbed a firmer hold on first place. Rog Frierwer, fleet halfback, figured in all of the scoring. He threw two touchdown passes and ran 40 yards from scrimmage for the last score of the game.

The Tool's beautiful defensive game in the first half held the powerful offense of the Jerks to a lone touchdown on a pass from Frierwer to Jerry Haegney.

The second period play of the losers held the Jerks until the closing minutes when Al Schiff broke loose and grabbed Frierwer's second touchdown pass. A spectacular last play of the game saw Rog "One Play" Frierwer skirt his left end and through some beautiful broken field running that covered 40 yards he ended the scoring.

Co-ops vs. Tools

Playing the entire game against an overpowering wind in which it was almost impossible to pass, the Tools had their third straight beating handed them with a 11-0 score by the Co-ops.

Favored by this wind, the Co-ops scored on a pass into the end zone from Paul Jernberg to Don Brown. Bob Ebner swept around right for the point after touchdown. The Co-ops' second period scoring came as a result of two safeties. The Tools recovered their own blocked punt behind the goal line to cause the first safety. The last two points were scored when Don Hintz and Don Brown trapped the Tool ball carrier in the end zone after he had recovered his fumble, due to a bad pass from center.

Tech's touchball program swung into high gear last week as six of the teams in the tourney were being eliminated. Aided by perfect fall weather and a dry field, the best battles of the entire fall season were played.

Five Teams Left

From the eight games only five teams emerged in the running; namely the Junior and Senior Mechs, Junior Fire Protects, and the Senior and Soph Co-ops. The skirmishes displayed the best defenses and offenses of the whole year.

Junior Mechs Win

Feature game of last week was Friday's encounter between the Senior and Junior Mechs. The Juniors triumphed in a hard fought, sharply played game 13-6. Weight and hard blocking characterized the Juniors flashy attack.

Two other important games were the Jr. FPE-Jr. Mech game and Jr. FPE-Soph Mech games. On Thursday the firemen lost the first 25-0 to a Mech team that proved itself the outstanding favorite for

GAMES FOR WEEK OF NOVEMBER 17	
TUESDAY	
1:10	Sr. Mechs-Sr. Co-ops
WEDNESDAY	
1:10	Jr. FPE-Soph Co-ops
9:10	Jr. Mechs-Sr. Co-ops
Officials announced on Bulletin Board in Main Building.	

championship honors. The Fire Protects came back Friday to wallop the Sophomore Mechs 20-6. This defeat put the Sophs, the flashiest passing team in the tourney, out of further competition.

Senior Co-ops Good!

The Senior Civil-Senior Co-op game on Wednesday spelled the Civils kneel as they bowed out of the tourney 13 to 0. This same co-op team knocked the Frosh Screwballs out by an easy 34-0 victory. This was the last of the luckless frosh teams eliminated from the tourney. Not a frosh squad won a game in this fall's tournament.

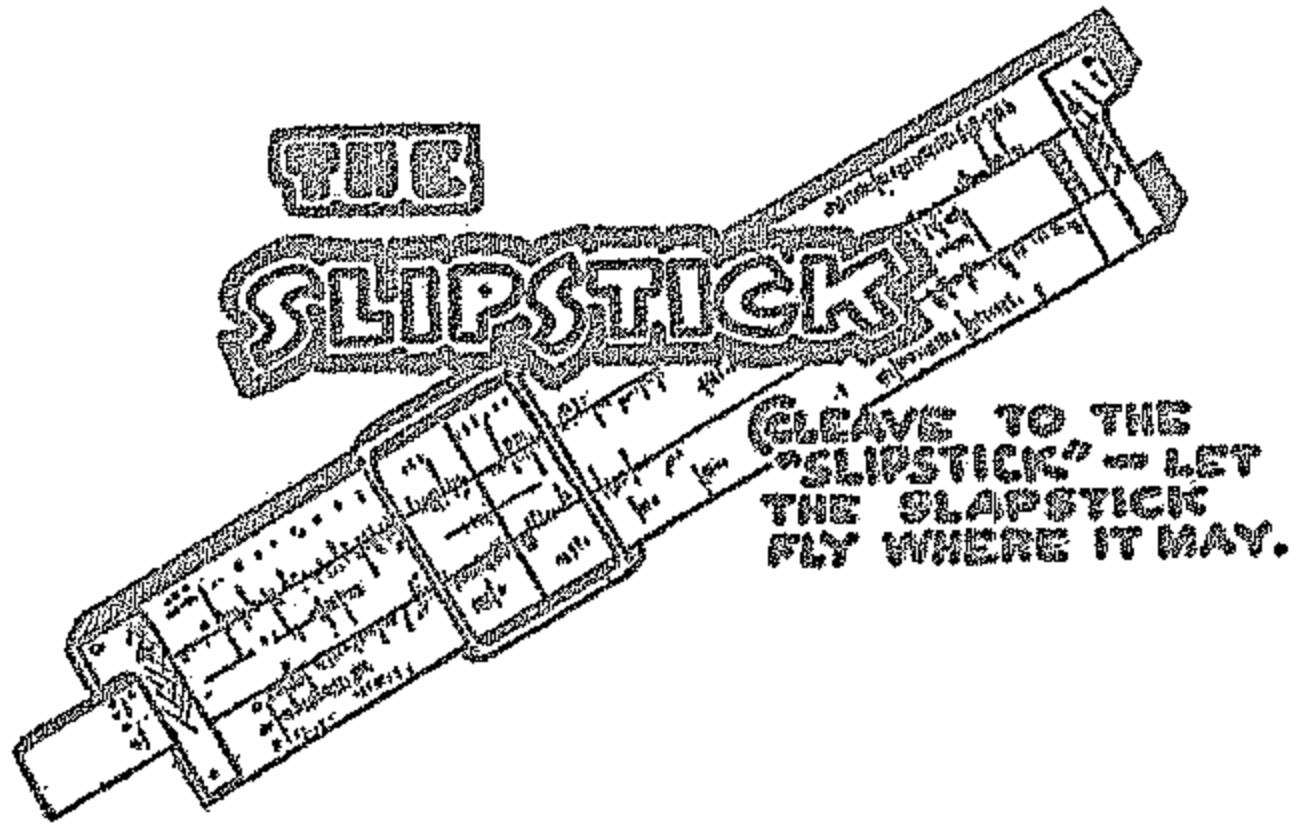
Two Unbeaten

Of the five teams left only the Junior Mechs and Senior Co-ops are undefeated. The Mechs seem destined for the championship since they've beaten both the Junior Fire Protects and the Senior Mechs, two left in the tourney. Their hard blocking and crashing line play is the secret of their prowess. The Co-ops have not played the best teams in the tournament, but it's an experienced, clicking outfit.

In Thick of Fight

The Senior Mechs, although beaten by the Junior Mechs has a fast-moving, hard-playing outfit which has been in the thick of the battle all the way. The Junior FPE's are the "dark horse" finalists but they are the most improved team in the meet and bear close watching.

LAST WEEK'S TOUCHBALL RESULTS	
Soph Mechs	27, Soph Civils 12
Sr. Civils	19, Jr. Chems 0
Sr. Mechs	1, Fr. Chems 0 (forfeit)
Sr. Co-ops	13, Sr. Civils 0
Jr. Mechs	25, Jr. FPE 0
Jr. Mechs	13, Sr. Mechs 6
Jr. FPE	20, Soph Mechs 6
Sr. Co-ops	34, Screwballs 0



Happy Thanksgiving. Don't bite off more turkey than you can chew this time. They ought to slay the goofy guy, who put whipped cream on pumpkin pie.

Getting It Straight

"How did you get that black eye, Vance?"
"The lording lady gave it to me."
"How come?"
"She told me to straighten out her rosary."

"Well, she shouldn't have given you a black eye for that."
"I thought she said hosiery."

"Do any of you boys know anything about shorthand?" said the sergeant to a bunch of recruits.

There was a quick response. Six of them stepped forward at once. "Righto! They're short-handed in the cook house." So the six spent the morning peeling potatoes.

A maiden whose Puritan aunts
Were strictly opposed to the dance.
Explained the contortions
Of her southermost portions
As due to a wasp in her —

He Stays

Have you heard the one about the fellow who worked in a corset shoppe?

He pulled a few strings and now he's the manager!

The explorer, back from a long and hazardous journey, was being entertained at a tea. An elderly lady, who had asked him 10,000 questions was still holding forth.

"And what other hardships did you have?" she squeaked.

"Well, madam," answered the explorer, "one day I ate the soles out of my boots."

"My my," exclaimed the dear old lady, "Oh, no," snapped the explorer. "You see, I'm just nuts about going barefoot, and I wanted to have a damned good excuse!"

Tony: "What are you thinking about?"

Mary: The same thing as you."

Tony: "Well, I'm sorry, but it's impossible. I'm in training."

Congratulations!

Fanny was thoroughly angry at her swimming teacher.

"The fresh thing!" she exclaimed. "After I won the race, he came to me and said, 'My dear, you kept your end up magnificently!'"

The clerk was new in the sporting goods department, and his first customer was a luscious brunette who minced up to the counter, turned on a big pair of blue eyes, and exclaimed:

"I'm looking for some lures to catch a big fish."

The clerk caught his breath, then stepped back a step to look.

"Lady," he said, "you've got 'em!"

Sunny—I think you're the nicest girl in town. May I have a date tonight?

Violet (indignantly)—Certainly not. Not if that's the way you feel about me!

Casing the Place

A sailor was cast away on a desert island. After he had been there for ten years, he awoke one morning and saw a lovely young woman floating toward the beach on a barrel. The barrel washed ashore and the woman approached.

"Heigh ho," she said, "And how long have you been here?"

"Nigh on ten years," said the sailor.

"Gracious," said the woman. "Then I shall give you something you certainly haven't had in a long time."

"Bust my leg!" said the sailor. "Don't tell me you got beer in that barrel?"

(continued on page seven)

The Greeks Had A Word For It

GODS

Bob Creagan and Tom Cafcas

The final touchball game in the inter-fraternity tourney will be played this week when Phi Kappa Sigma meets Delta Lambda Xi for the much prized trophy now resting on the Pi Kap mantelpiece.

Phi Kappa Sigma's pledges beat Delta Tau Delta's pledges 2 to 0 when the teams met last week to decide who would furnish a barrel of fun for the two houses. Imagine Dahl's embarrassment when he was tagged behind his goal, "bad pass from center, coach."

Smilin' Ed Kaeser has been thrown in the "Delt Tub" more than any other two men-exhibitions given every day. Delt Roger Sellstrom was ambling down the Outer Drive in his Eighteenth Century model when the springs gave way and Roger ended up on the grass along the Drive. Eight bucks to tow it in and what a mess of amalgamated iron.

Alpha Sigma Phi is celebrating Thanksgiving vacation with a good old-fashioned hayride at Stalford stables tomorrow night (November 19). Cider, doughnuts, and trompin' to the tune of the fiddle will be the program after the ride itself. Pledge Captain Schott, from Oklahoma will show the boys how they dance down in his country. Sundstorm has been taken into Chi Epsilon and Dambros into Honor I.

The Pi Kapp pledges were deflated and befuddled at some of the questions fired at them by the actives at the last "Inquisition." Their only chance for retaliation will be the active-pledge touchbrawl game tomorrow afternoon. Padding and paddling are both frowned on. I don't know what I'll do for Pi Kapp "dirt" now that Buddha and Farrell have signed a truce not to reveal anything about the other.

What Armour fraternity man was seen in what bar with what pretty nurse called "Guzzy."

If Carl Sparenberg really loves "Butch" why does he have gal friends from St. Louis come up to Chicago for the week-ends. Does any one know whether Wally Jordan and "Pudgy" Spindler still look at the moon from the same angle.

Delta Tau Delta held her Pledge Formal last Saturday night. The Delts were a swanky looking bunch with the boys in tails and the gals in "those things that make your heart go o-o-oh." Refreshments were served at midnight with singing in the "Delt Manner." The orchestra performed to perfection and there is a rumor going the rounds that Dunworth got to kiss Dorothy just 'cause he bought her a black

GODDESSES

Helen F. Marzullo

Pledging is well under way now, and each sorority is doing its best to make the lives of its pledges "comfortable."

Pledging ceremonies were held by the Sigma Omicron Lambda sorority, last Tuesday, in the tea room. After the necessary information was gained, the pledges were presented with corsages of orchid sweet peas and yellow roses.

The Lambdas have their pledges well under control! Pledge-Mistress Mary Ann Knirsch gave them strict orders, last Wednesday, at a Pledge-Council meeting. The six "bellies" had just grinned—and obeyed!

The girls have planned to help a poor family to enjoy a happy Thanksgiving, by preparing a gift basket of various vegetables, meats, and fruits. The basket shall be presented to the family by Florence Moss, the Lambda prexy.

The members of the Kappa Phi Delta sorority held their monthly meeting at the home of Pat Arns. The meeting was attended by two newly initiated alumni members, Florence Alder and Jeanette Mac-Luckie. Jeanette also visited the ol' Alma Mater last Wednesday. Nice to see you again, Jeanette!

Clarcy Mae Cutshall, the tiniest of the Kappa Kewpies is now a very successful private secretary. Good luck to you, Clarcy!

"Well, folks, that's all there is; there isn't anymore." See you next week!

orchid (who's kidding who).

On October 27, a group of men met at the home of Sid Greenberg for the purpose of reorganizing the Eta chapter of the Zeta Beta Alpha fraternity. The chapter had formerly been active at Lewis, but was disbanded several years ago. Some of the matters considered at this meeting were election of officers and the planning of a social calendar for the remainder of the year. The results of the election were as follows: Rubin Bloom, grand master; Maurice Rubenstein, scribe; Allen Mozer, measurer. Recognition of the group was given by the Lewis Student Council at its meeting on November 11.

A board of fraternity co-ordination has been organized at Lewis for the purpose of "promoting greater harmony and co-operation between the fraternities at Lewis with regard to school activities." The fraternities represented are: the Daedalians, Gamma Rho, and Zeta Beta Alpha. The Lewis Student Council approved sending one member of the board as representative on the Council, thus giving the Lewis fraternities representation similar to that of the Pan-Hellenic Council.

ARX NOOSE

"Lefty" Wright, our girl of the week, helped us fill space by bouncing brightly into 212 last Thursday, and cheerily chirping, "Good morning everybody!" The assembled board-exam-takers didn't even stand at attention. La Wright went out in the corridor, blinked at the room number, and stumbled down the hall, kicking at stray art students.

Center's been slipping for one of the AHT gals, but lately another babe has frittered away his time. Now he's slipping in two directions, like a hog on ice.

Mario Fraccaro breezed into frosh class nosolongago and found a spittoon on his \$5.50 drafting board. 'Twas labeled, "Please expectorate hyar." A spreading pool was glistening on the floor under the board. Nice going, Mac A. . . and the same sadist has been inscribing shorthand soliloquies on the blackboard. Translated, they advocated the election to the presidency of a gink named Mac Arthur.

Storz has been dock-fighting again. Larson is still in search of a date for last week's arx party.

Other results of the shambles are still coming in by A.P. wire. Dunlap is gradually sobering up, and his nightshirt is once

again doing duty as one of the drapes in his home. Michaelsen is still looking for his brew. And Hasskarl is conducting heavy correspondence (a counter defense) with the student body of National college.

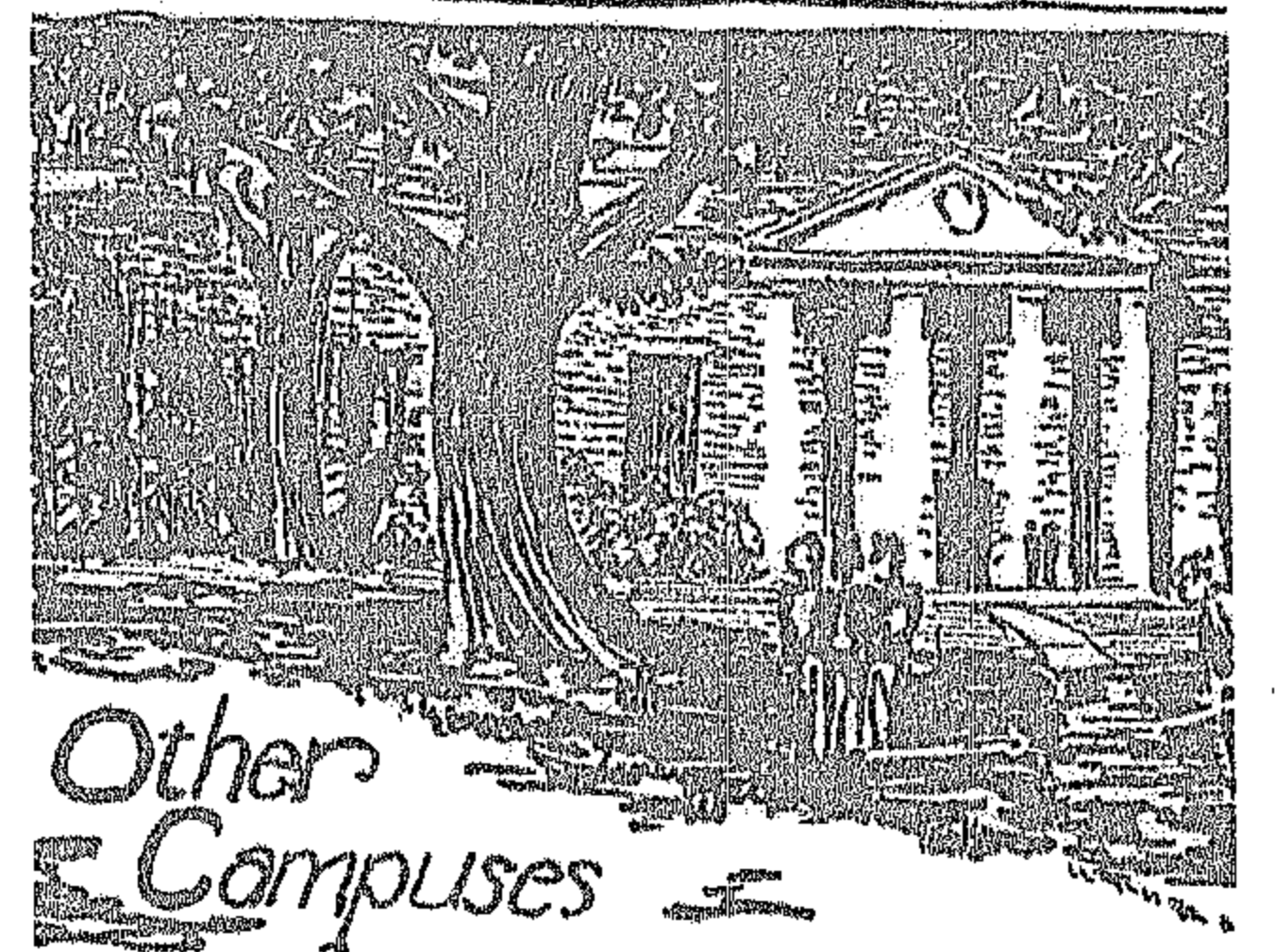
The second Frosh-Soph Touchbrawl comes off today. We predict gore galore.

We will now dangle the noose of the week before your eyes. To wit: Pearson got a haircut!

Arx of all aspects of assininity—take heed! For cons this column has been on a non-paying basis. But we spoiled a brand-new manicure tonight poanding out this column. Oh, it made us simply furious! And then there's the overhead on the Noose office. So now we're inaugurating a program of student "subscription." Half a buck a month keeps you out of the NOOSE. And after a while we'll get rich writing no column at all.

And with this noose, we'll leave you hanging on: (a) a gibbet; (b) our jabber; (c) a lamp post. The choice is yours, coming as it does under the influence of variables beyond our control.

Affectionately,
Annie.



By Raymond W. Sauer

University of Minnesota extension division is offering 26 new courses, ranging from cameracraft to Greek mythology.

When the movie "oomph" giri Ann Sheridan, attended North Texas State Teachers college, she was known as Clara Lou Sheridan.

Girls of Ohio State university pay 16 cents for a full dinner, boys pay 19 cents.

A University of Virginia archaeologist wanted to examine an old stone mill at Newport, R. I., in an effort to ascertain its disputed origin. He borrowed a ladder from Newport firemen in order to scale the wall, but as he started over police stopped him.

"We don't even allow Harvard and Yale boys to go in," said the police, explaining a long standing rule against permitting anyone in the structure, which some believe was built by the Vikings.

It is estimated that at least half the nearly 1,500,000 youths in American colleges are working to help pay their expenses, while 20 per cent are paying all costs.

Enrolled at Tulane university is a descendant of Paul Tulane, after whom the institution was named. He is Louis Tulane Bass of Ogden, Utah.

A \$1,500 student loan fund raised by former students, a memorial to the late Professor James Wilford Garner, has been set up at the University of Illinois. Professor Garner was an authority on international law and headed the political science department of the university from 1904 until his death in 1938.

The traditional belief that women are more careless with personal apparel than are men was challenged by Charles Huff, janitor in the Alumni Recitation hall at Grinnell college.

Huff, who says that he has salvaged articles from the class rooms ranging from text books to bobby-pins, claimed, however, that men's coats formed the major portion of the lost and found turn-over.

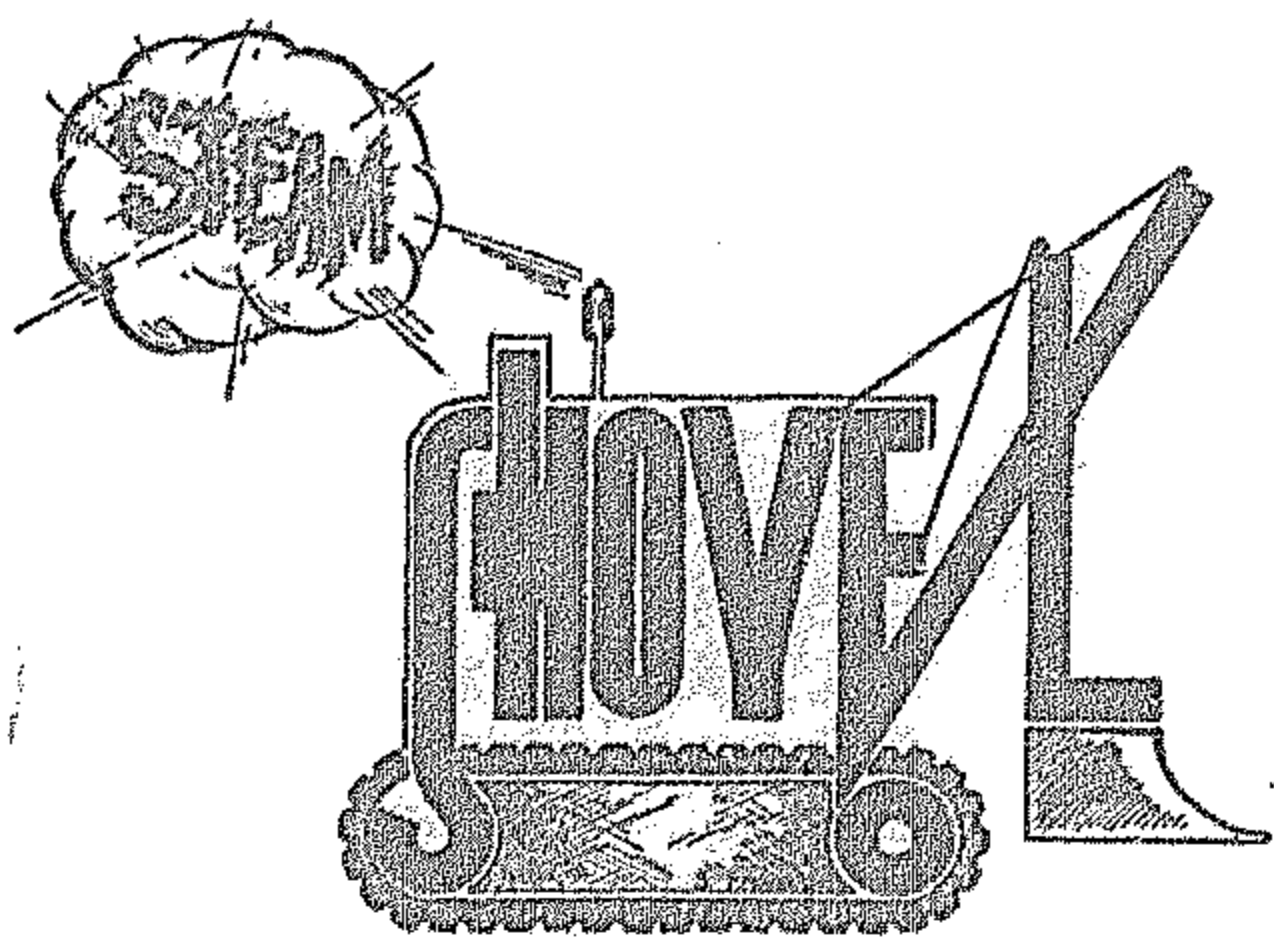
University of North Carolina's original 1795 faculty of two members waited almost a month until first student, Hinton James, walked 200 miles to enroll.

Dr. J. A. Pierce of Harvard reports that when a meteor or shooting star passes through the atmosphere many miles above the ground it leaves behind it a trail of broken atoms which may last for many minutes.

Prospective students are eligible for a scholarship at Princeton, and several of them at the University of Pennsylvania, if their father worked on the Pennsylvania railway.

Dr. Raymond Walters, president of the University of Cincinnati and nationally known for his surveys of college registration, reports that numerous institutions, "including prominent eastern colleges for men," have conducted promotional campaigns and waived limitations on the size of freshman classes to offset losses in upper class enrollment.

The sanctum sanctorum of male recluses at Milwaukee State Teachers college has let down its bars to the coeds of the college every noon. Ever since the men's club contracted for a coke machine, there has been some violating of the sacred premises. Some of the more progressive members of the club even see dancing at a future date.



Well here we are again—all set to go but unable to think of a good beginning! Beginnings are a pain in the neck anyhow and should be banned from all classical writing which means that this colyume is included. So here goes—and we don't mean nothing!

FLASH: Butch McTchawk enters new research fields in attempt to learn the truth about life! Steve Dokos, rhumba master of the Dance club, has announced that he will soon reveal all about the dangers and intricacies of modern marital life. In order to get first hand information, Steve has enlisted the aid of a young lady who, although married, is sort of one the outs with the old man! Stevie says he is learning plenty but that he must know all before he will reveal the ghastly truth!

Boy! Happy days are here again!! What are we talking about?? We mean that we're once more able to report favorably from the Eileen Robinson-Gus Mustakas sector. We have it on superauthority that these gaga two were smoochin' in the phone booth in the Student Union last Friday eve. A communique of this nature can mean only one thing—that operations are progressing according to schedule!

What's this we hear about "Morgue" Fitch having a little mawntin flour what goes to the Yooniversity of Nortwesturn?? Careful me boy — these interlechs are more potent den jenuwine mawntin dew!

By the way kiddies, we understand that some of the sr. civils are organizing an organization for the purpose of organized combat against the freedom of the Steam Shovel! It seems that we've been stepping on a few of the boys' insteps and they're right peeved. Our answer to this move is the following statement: "We're withdrawing our ambassadors immediately and are announcing that a formal state of war does now exist!! So there!! Fuy on yuy.

The raucous laughter stuck in his throat and almost choked him when Bob Klein realized that the dance which Bub Cotter had to attend in his battered condition last Friday eve was given by Rosary college. It seems that Klein's girl-friend attends Rosary but had not invited him. This fact hit him between the eyes as he was driving home from the Chicago game and he almost killed all twelve passengers trying to drive into a phone booth to make a call.

The Legion of Decency missed out on a good affair last Saturday eve.—The senior mech stag held at Senior Plumber Jahnke's home. The affair lasted into the wee hours of the morning, when the projector burned out. Being engineers, no one could be found to repair the outfit, so the film was cut into strips and distributed among the attending stags.

During the showing, strong men fainted and faint men collapsed. Plumber Bob Arko had to be revived by Fire Squad No. 9, which had to pour gallons of water on the lad before he was cool enough to handle.

Resting forlornly in the bottom of the mail-box in the Armour bookstore is a lonely post-card from "Norma" of Ottumwa, Iowa, begging for the address of Le Roy Van Anken of Illinois Tech. If anyone knows of the whereabouts of this Chicago heart-breaker please notify the editors of the Steam Shovel so that this heartless Casanova may be brought to justice.

Sparks will soon be flying in the electrical dept. Frosh Juicer Bill Murphy and Soph Juicer Ev Mauson are both developing a high tension over Lewis Coed Marilyn Johler. We'd hate to be around when the insulation broke down.

Blitzkrieg!

With the mercury hittin' new all time lows, and' the weather man beatin' out a mazurka on the molars, 'tis high time to hitch up old Dobbin to my slanderous sleigh, plough through this week's slush, and make tracks from my door to your'n. And here comes Bozo, the Bistlin' St. Bernard with his little goblet of gossip.

President of the Casanova cab service is our Al Falkman. Ever since the advent of that jitturbuggy of his, the tire tracks can be traced from lower Madison Street to all points North and West. Any customers in the offing for this gratis service? Remember, Al's motto is: "A Lake—No brake—A wake."

The flower of knighthood has perked up its drooping head thanks to the tender care administered by Lewis Johnson, he of the wild red hair and awesome titian beard. This gallant Galahad was viewed recently, giving the once over lightly to the petite bootery of Mary Linke.

A soul-weary boy is Howard Reiser these days. Showing the paradoxically ignorant Howie the fine art of traversing on the incline, sans elevator, was Gracie Taglieri . . . or don't you believe in getting up in the world, Howie??

Let Elinor Wick beat out a rhythmical tattoo on those drums of hers in tribute to the thoughtfulness of Ethel Witt. Seems the little refugee from the hot stove which the women allegedly slave over, supplies ye olde scribes with scrumptious goodies scrambled up in the home ec. hodgepodge room.

Whilst vampin' a few vitamins in the cafeteria last Wednesday, John Boynton dumped a whole glassful of what Elsie soup from moo to you into—or onto—an inverted glass. No use staging a lacrimal lamentation over the proverbial spill milk Johnny.

Out of the several hundred E. (with the) D.T.'s we have come across one lad who should be handed a great big hunk of credit stuff. We refer naturally to the "brain" of the S. Damen cult; namely, John Sheehand who currently disproves the theory that you glean from enterprise as much as you give. He gets MORE out, entertaining a minimum of effort, he's still leadin' the field in the stretch with those "go or no-go" things.

Then, too, those three ogling assimilations of psychological lore who ghoulishly enjoyed viewing our absent pal Bernie Deer give out those complimentary tickets to minor traffic offenders at Clarke and Madison after the psych meeting at the Cordon club.

STATISTICAL STICKLERS

A copyrighted official TECHNOLOGY NEWS statistical survey reveals that in an average class Professor Fodor makes 57 trips to and fro. Resultant factor! The ambulant professor travels in a fifty minute period an average of 1025 feet or in the vicinity of a fifth of a mile. Fodor marches on!

Also in the line of statistics is the report of convalesced Patty Arns, the dear old slave driver. This dimpled darlin' reports that there are 72 serial programs wending their way over the ozone between the hours of 8 a.m. and 5:45 p.m. at a mere drop of the bat, she can also dig up from the deep, dark recesses of her excellent journalistic memory the names, sponsors, and principal characters involved.

This week's bunch of orchids goes to Elaine Maggio who was the only femme to endure the severe chill in the chem lecture room without the shelter of a sweater, smock, or coat, a mute tribute to her endurance was the fact that the keeper of the igloo, Eskimo Supple, found that the tertiary butyl alcohol he had brought for demonstration purposes had frozen. Honest!

What's this we hear about you Mr. Lowy? Are you a metalurgy instructor now?

Dr. Boder has made the column of a daily paper, so far be it from us to pass him up in this column. Nice going, Doc.

Pictures are now appearing on many desks, but the one that Mort has on his desk cops the cookies, and he says that she is his sister!

Old Dobbins greetin' a bit wobley at the knees, the sleighs puttin' on the stall, and bozo's gone back for a refill, so until next week's trip,

THE SIXTH COLUMNIST

IT'S EASY

By Bennett Edelman

You don't have to go around with your arm in a sling! Why should you go through life with people staring at you and whispering, "He doesn't know how to carve a turkey." To avoid becoming such a social outcast, your moth-eaten reporter will tell you the correct way to rip a turkey.

First secure a calendar, a jeep, a sub-machine gun, and a small coke. The calendar is to find out when and if Thanksgiving comes this year. The jeep is for a quick getaway after borrowing—er—buying a turkey. The submachine gun is to explain the situation to the owner of the turkey, and the coke is to drink if you get thirsty.

After getting the bird, (not that way) tie it to a table. Then go into the next room and cut the string that is tied there. This will release a weight, which in turn breaks a window. This automatically sets off a fire alarm. The firemen rush in swinging their axes, and one of them accidentally chops the head off the turkey.

Then place the turkey in the oven for one hour. Remove the bird from the oven and see if it is done. If the bird is still raw, place it back in the oven. This time turn the gas on.

The most important step is the carving of the turkey. First empty the house of all the people, breakable furniture, and the insurance policy. Then, using the double x-9 method, slowly approach the bird. Grasp one leg in each hand, and start to pull. If nothing happens, pull out a bowl of wheaties and eat the bowl. This will leave you with the wheaties. Send them plus \$24.05 to cover the cost of mailing and somebody's new suit. Then forget about it.

Now, that you have re-inforced yourself with nourishment, return to the turkey. Softly place a bicycle pump in its mouth and start pumping. If this doesn't tear the turkey apart, at least you have had exercise, and now you know the bicycle pump works.

If all of these sure-fire methods fail, then cover the bird with nitro-glycerine and place a stick of dynamite in its mouth. Light the dynamite and then rush to the nearest restaurant for a real Thanksgiving dinner. After all, you can wipe and the little woman can wash, or maybe you can even pay cash.

SLIPSTICK—

(continued from page six)

First old maid: "I wish I could stop dreaming about having a husband."

Second old maid: "Some day you'll wake up to yourself."

First old maid: "Say! That's all I've been waking up to for the last forty years."

Advice to the profs: Always help your wife. When she cleans house, clean house with her!

The little old lady bent over the baby in the cradle.

"O-o-o, you look so sweet, I could eat you."
Baby: "Oh, no—you haven't any teeth."

Said the little termite to the bartender: "Beat me daddy, I ate the bar."

OUCH!

"Can I stick this wallpaper on myself?"
"Well, yes, but it will look much better on the wall."

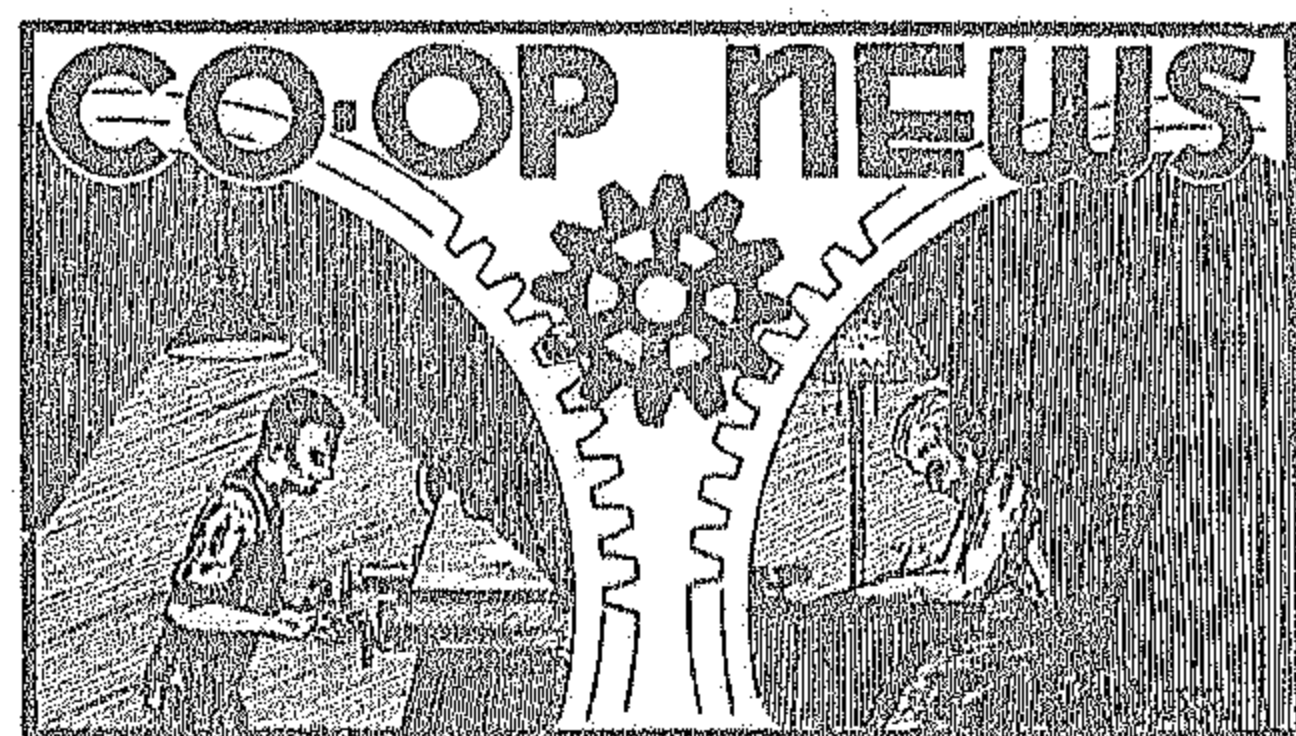
An English boy was talking to an American boy about his ancestors.

"My grandfather was a very great man," he said. "One day Queen Victoria touched his shoulder with a sword and made him a knight."

"Aw, that's nuthin'," the American boy replied. "One day Red Wing, an Indian touched my grandfather on the head with a tomahawk and made him an angel!"

Well, that ought to satisfy your appetite for jokes (?) until Thursday when you can really sink your uppers into something.

OH MIN!



By Charles Rowbotham and J. Van Santern

The IIT Co-op Book club has already developed a large membership among the student body. At the time of this writing approximately 20 co-op students from the "A" group have paid their \$2 entitling them to charter membership in this up and coming organization. At the first general meeting, Henry Altenkamp, 2A co-op, was elected to the board of directors, and will represent the co-op students in that capacity. In a recent press interview Mr. Altenkamp said, "Cooperative students should be particularly interested in an organization of this type for its practical economic value as well as the sound ethical concept behind it."

The grapevine has it that Herb Otto and Don Banks will waylay Jimmy Carroll and Harry Schrader to some remote Woodstock hideout while a contingent from the soph co-op class led by Russ Mueller and Warren Decatur spend the Thanksgiving holidays with the two Miami university coeds, Dolores and DeElda. Russ Mueller, spokesman for the invaders is quoted as follows, "We can't let our personal regard for Jim and Harry interfere with this glorious opportunity. A promise has been made and it must be fulfilled."

Four of the better known "wolves" of the 3A class took it upon themselves to celebrate Armistice day by watching the parade (it says here.) We have it on authority that J. P., "The Horselaugh," had more spectators watching his antics than the parade. Ask any 3A fellow as to the identity of "The Horselaugh."

Bert McCleneghan, 3A, Frank Carqueville, 2A, and Don Keigher, junior FPEE, made quite a stir at the Rosary college dance in their tuxedos. Rumor has it that Don bought a tuxedo just for this occasion, and future occasions, too, he hopes.

Impeachment proceedings are under way for Marty Kraegel, 5A pres.. The prosecuting attorney claims that Kraegel has shown a degrading lack of school spirit. In fact, the defendant has not watched the 5A team come through its schedule unbeaten.

The freshman flashes led by Capt. "Casey" Puchalski defeated the Soph Co-ops by a score of 14-0. Wally Moe starred for the "Flashes" with a thrilling touchdown in the last quarter.

"Ace" Ramseth, 3A, has applied for a pilot's license so that his paper planes won't be confiscated by the Interstate Commerce Commission. National defense needs more men of Ramseth's calibre.

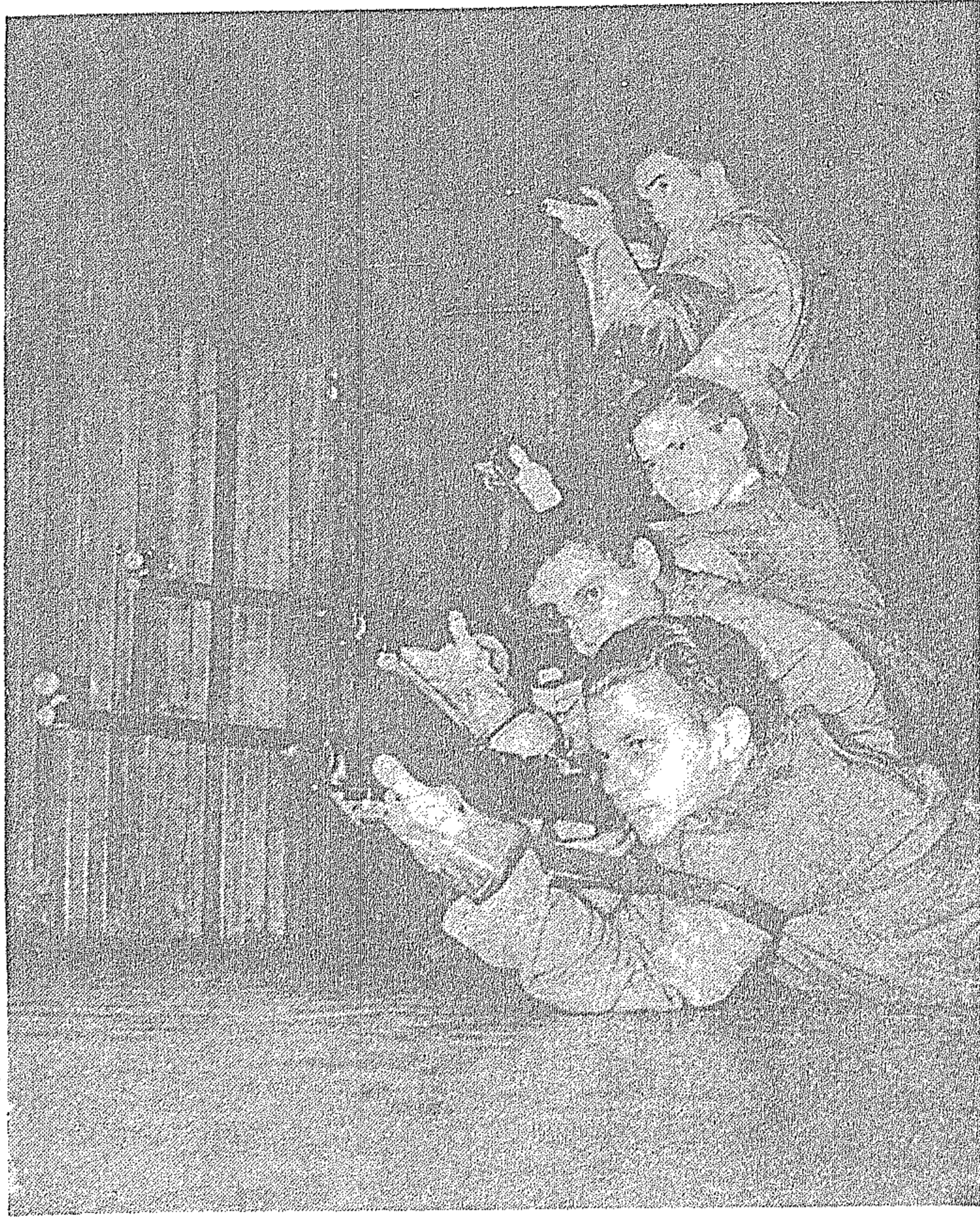
About 5 couples gathered at Hank Alderson's, 5A, place for a housewarming party last Saturday.

The other day in the 3A mach. design class, it seems that Prof. Perry had to throw some chalk at two conversing students; the missile missed, and struck somnambulist Wittekindt. G. A. was properly indignant about being awakened during lecture.

That quartet from Rockford, "Gus Donney, Harry Ritter, Louis Long, and Bob Elliott," all of 1A, were crowned "champion donut devourers" at the Frosh-Soph hayride last Saturday. Imagine 4 beautiful girls jilted for a plate of donuts.

After two easy terms, the prejuniors have run into a few tough quizzes. Now they are so disgusted that they resort to profanity on the quiz papers.

READY — AIM — FIRE!



Reading from top to bottom: Bob LaNier, Ray Smith, Bob Bell and Bob Zelin line up their sights for the year's activities.

**FRAT TOUCHBALL
DRAWS TO CLOSE**

The Pi Kapps took it on the chin last week 18-2 as Delta Lambda Xi advanced to the final round of the interfraternity touchball tournament.

Early in the first half, Lambda Xi tallied three times in quick succession. The Prather-Kolovitz combination clicked for two scores, the third coming on Benny Prather's 60 yard run after a pass interception. Knorr, Jacobs, Vizard, and Bonner contributed to the victory with some fine blocking and clean, heads-up ball playing. The Pi Kapps lone two-points came when "Swivel Hips" Jacobs was caught behind his own goal line. He was running backward to gain up speed for a long dash downfield when the Pi Kapp line crashed through and swamped him.

After Thanksgiving vacation Lambda Xi will lock horns with the Phi Kapps in the interfraternity final. Each frat is rearranging its trophies to make room for the football cup.

With the basketball - bowling season near at hand, the IIT frats are beginning to round their respective combatants into shape.

**Cheer Boys, Gals
Hold First Meeting**

Minus cheerleaders, the teams of IIT are entering into what ought to be the greatest athletic year of the school. The sports staff has gone ahead in an attempt to change the minus to a plus. Hence, last Friday a meeting was called to start such a group. Twenty men were present. This job of cheering does not rest with any group or any one man but with the whole student body of IIT. You can help us out by suggesting cheers and songs. Place any ideas in the Tech News box.

The basketball game with the University of Chicago will be the biggest game of the year. The team can lick Chicago with your backing. They need it, the school needs it. SO, LET'S GO—BEAT CHICAGO!!!

**Sharpshooters Start
Shooting Session**

To the tune of snapping rifle bolts and exploding shells, the rifle club bangs on to a brilliant year. Ray Smith, president, brags of an enrollment of eighty-four members. Due to the large number and the keen interest which the members have shown, the club has been forced to close its membership. This limitation is to be made on November 28.

The groups officers for '41-'42 will include Ray Smith, president; Ted Dumez, treasurer; Roy Peterson, secretary and George Borre, captain. The riflemen have decided to broaden their scope. So, a dinner and bowling party have been planned for the near future.

Postal Matches Scheduled

Postal matches have been scheduled with Wheaton and Northwestern. The former will be held on November 26 and the latter on December 6.

This year's team, led by Captain Borre, will have Ray Smith, Bob Lanier, Roy Peterson, and Bob Bell as members. These men will be augmented by Robert Zelin, Norm Carey, Joe Hind, and Ted Dumez. Professor Mangold serves as the inspiration of the team in the capacity of adviser.

Second in U. of C. Meet

Last year the boys won six while dropping five in competition with MIT, Purdue, Missouri School of Mines, and others. The biggest achievement of the year was the second place win in the U. of C. invitational meet. This season's team has men with one year of competition completed. With this experience and the ability they have, the sharpshooters should be the best in the mid-west.

ATTENTION WRESTLERS!

There will be a wrestling meet with the Division Street YMCA at 7:30 on the evening of Nov. 28, in their gym. Matches will be made for each man. Members of the Tech team are expected to continue workouts.

TIME OUT



By Warren Spitz

Keep the ball rolling! The newly established fieldhouse fund, during the past week, has received two important contributions. First of these was a sum of \$97.01 added to the collection by the south campus senior class of 1941. Notice of the donation was sent by Fred DeMoney, former sports editor of Technology News. The amount was a surplus in the treasury of the graduating class. Thanks, Fred.

The ITSA board also acknowledges the receipt of \$25 from Honor I, Illinois Tech letterman's society. "Rog" Mueller, captain of the baseball team, serves as president of the group.

It is hoped that the example of these campus organizations will inspire others to like action. Every fraternity, sorority, honorary society or club group is called upon to do its small share.

A wholly organized campaign for funds has not as yet been instigated, but this will come with official sanction. Each week from now on in, the Tech News will publish a box at the end of this column showing the contributions as they increase the sum total of the funds. We want to see that list grow, but fast.

With the tennis team in high stride and gunning for a perfect season, we'd like to remind the ITSA that the fellows who hung up such a fine record in tennis competition last year received only minor letters for their efforts. Yes, we know that the number of men out for the sport is not as great as that in sports such as wrestling, which have been made major. But, it remains that if an athlete's attainments are worthy of a major award, he should receive one and not be discriminated against because of the number of men out for the sport.

It is within the power of the team coaches to choose those men deserving of awards, but let's help him by providing degrees of letter awards so that if a team is top-notch and really doing an exceptionally fine job of representing the school, the men will be amply awarded.

Let's promise the tennis men major awards if they give us as fine a season as last.

Who said Illinois Tech doesn't have good football men? Besides the gridders who did such a swell job of whalin' the daylight out of Chicago, there are a few other fair to middlin' players hangin' around the institution.

Witness a couple of lads in the EDT metallography course. Who are they? Oh, just Ken Kavanaugh and Aldo Forte, end and guard respectively of the Chicago Bears. A few more recruits are registered in the new ordinance course starting in January. These raw youngsters are Young Busse, quarterback; George McAfee, sensational halfback; Ray Bray, guard, and Al Baisi, guard. Let's start an evening school football team.

**Student
Fieldhouse Fund**

ITSA	\$10,000.00
Class of 1941	97.01
Honor "I"	25.00
Winter Informal	????
????	????

**NEW MEN RAISE
MERMEN'S HOPES**

With high hopes of improving last year's record of 3 wins and 8 losses, the swimming team is practicing strenuously for the coming season. New men will undoubtedly constitute a major portion of a team well supplied with veteran splashers.

Lane Tech Man on Team

Foremost prospect is the excellent Jim McNerny, a highly touted star from Lane Tech. McNerny won the 220 free style in the State high school meet last year. He should definitely bolster the weak free style division existing on last year's squad.

Returning to school after being out last year is Whitney Pearson, a star in his freshman year. Pearson will be a point winner in the free styles and also in the back-stroke.

Wilson Transfer on Team

Other new men are Bob Ford in the free style division and Bill Myer, a high class diver. Myer won laurels at Wilson Jr. college. His transfer to Illinois Tech is just that much more strength to the team.

Time trials are due to be run off next week to determine the fastest

**Open Intramural
Ping Pong Tourney**

One of the most popular intramural sports will swing into action next week. This rough and tumble sport that takes a high toll of injuries is none other than —ping pong.

Entries This Week

Entries for this tourney will be taken from Monday to Wednesday this week. Intramural Manager Milt Pleva predicts that about seventy men will turn out for this interesting activity.

Matches will be two out of three games until the semifinals are reached. Then the four men left will compete in a round robin to determine the winner and runner-up.

Wide Open

The tourney should be wide open as the three top men from last year have departed. Bob Olson, the winner, and Sam Falk, have graduated, while Art Goldberg has left school. So both the singles and doubles championships are undefended.

men on the squad. Thus far there has been scheduled 6 meets for the period after the Christmas vacation besides several to be held during December.

HERE'S THE LATEST WORD FROM WASHINGTON

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