



MUSIC AND DRAMATIC CLUBS COMBINE THURSDAY TO GIVE ANNUAL CHRISTMAS CONCERT

**Musical Potpourri To Have Pieces From Band,
Glee Club, Stresses and Strains,
And Orchestra**

DRAMATIC GROUP TO GIVE ONE-ACT PLAY

True to the annual custom of having entertainment by the musical organizations just before the holidays, Armour will present a concert in the Assembly Hall, Thursday, from 10:30 to 12:30. In addition to the various musical clubs, the new Dramatic Club will make its debut.

The program, which is planned to have appeal for all, will start promptly at 10:30. Considerable thought and work was necessary to arrange the sequence so that all of the organizations as well as the Dramatic Club might appear on the same bill. The program is printed on page 2, and it will be followed faithfully if all goes well. Those responsible for the management of the concert are the officers of the Armour Musical Clubs which follow:

President—J. E. Walker.
Vice-President, J. S. McCall.
Manager—E. W. Carlton.
Secretary Treasurer—T. A. McGill.
Faculty Advisor—Professor C. W. Leigh.

Violin Solo to be Played

It has been the aim of those in charge to have a novelty of some sort from each organization. Thus a violin solo by Philip Korrell will be a feature of the orchestra. Stresses and Strains will synopate on "Goofus" with Earl Bollinger at the piano, Bernard Loesche and Paul Troemper on the violins, and W. H. Hornberger on the bass. The Glee Club will present a quartet composed of M. A. Collick, first tenor, T. F. Jones, second tenor, A. Tiensun, baritone, and R. E. Roseen, bass.

"A Night at the Inn", a one-act play by Lord Dunsany, will bring out the talents of the men at Armour who have proven themselves dramatically inclined.

Fight Song on Program

Numbers by the band, with the Armour Fight Song as a finale will bring the Christmas Concert to a close.

The officers of the various clubs which have cooperated to give the student body this opportunity are as follows:

Glee Club—Dr. D. E. Protheroe, Director; E. W. Carlton, President.
Orchestra—E. E. Lantz, Student Director.

Band—W. H. Hornberger, Student Director.

Stresses and Strains has not as yet an official director.

To make clear to all the men participating in the Christmas concert exactly what is expected of them on next Thursday morning, the following is given.

The concert will start at 10:30 A. M. sharp. This means that the Orchestra men must come to Room B-Mission at least by 10:15 A. M. to dress. This room will be used for dressing by all men in the concert.

The regular music room, located at the east front side of the Assembly Hall, will be used for the Musical Club properties. Chairs, sheet music, stands, and the larger orchestral instruments will be found there, to be brought back after they have served their particular purpose. The members of the Stresses and Strains, Orchestra and Band are requested to keep their own instruments in Room B when not playing.

The Dramatic Club will use Professor Scherger's office for their properties and dressing room.

All the members of the Musical Clubs must wear white flannel trousers, black or dark blue coat, white

(Continued on page 2)

Dramatists Hold Final Rehearsals

A rehearsal of the one act play, "A Night at the Inn," to be given at the Christmas Concert, was held last Thursday night in the assembly hall by the members of the Dramatic Club.

Members of the cast wore the costumes that will be used at the concert. The scenery and lighting effects were also experimented with.

As a result of the perseverant manner in which the club has been practicing the last few weeks, the play was enacted in a smooth and efficient manner.

Professor Hendricks, who attended the rehearsal corrected mistakes and gave the actors helpful suggestions.

An old inn on a moor in England is the setting for the scene. Three sailors and an ex-gentleman have just returned from India. While there, they had stolen a large ruby from the eye of a temple idol. They successfully escape from three native priests of the temple, and intend to sell the ruby in London. Two of the priests have met death at their hands. While celebrating their successful escapade, they meet up with the third priest. The rest will be seen the morning of the concert.

Because of the large membership of the club, it was impossible to find a place in the cast for everyone, and therefore parts were assigned after tryouts.

These men make up the cast:

S. Finlay Toffy
W. W. Davies Albert
A. D. Burnett Sniggers
E. Curran A Priest
L. Gabriel A Priest
J. J. Gura A Priest
C. C. Schultz The Idol

The stage work will be managed by the following men:

H. D. Monger Stage Manager
J. Juvinall Lighting
M. Fuhrer Properties
W. Anderson Make Up
G. Terp Scenery

Chemicals to Inspect Inland Glass Plant

This Tuesday, December 17, the junior students in the department of chemical engineering will visit the Inland Glass Company in Clearing, Illinois during the afternoon.

Glass is made by melting a mixture of sand, sodium carbonate, lime, and magnesia, and allowing the resulting substance to cool. The final product, which is spoken of as a supercooled liquid, is a mixture of the respective silicates, and is transparent and very brittle.

Different types of glass vary accordingly as their composition. Certain types of cut glass contain lead, which is present as lead silicate. The tinting of glasses is produced by dissolving the oxides of metals such as iron oxide and copper oxide, in the pot mixture.

In order to prevent the strains set up in glass due to rapid cooling, it is sent through an annealing chamber, or layer, where the temperature drop is approximately 150 degrees Fahrenheit per hour. These layers are from 60 to 70 feet in length, and the glass being annealed is sent through them in three hours.

This trip begins a new series of visits by the juniors. They will visit industrial manufacturing plants exclusively in the future, the "water treating" trip having been concluded.

Because of the Midwinter Recess extending from December 21, 1931 to January 3, 1932, there will be no issue of the *Armour Tech News* until January 12, 1932.

Mechanicals Attend Lecture by Kennedy

Last Friday, an illustrated lecture was given in Science Hall before the A. S. M. E. The speaker was Mr. R. E. Kennedy, the technical secretary of the American Foundrymen's Association. His subject was "Developments in Cast Metals."

Casting of metals has been done for centuries, and has been the forerunner of the tool making industry. The earliest casting of metals on record has been done in permanent moulds made of stone. The use of green sand moulds is a later invention. About 1252 A. D., in Japan there was cast a great statue of Buddha. It is brass and was cast in five sections, the whole weight totaling 200 tons.

In foundry practice, metals are classified into two divisions, ferrous and non-ferrous. The former includes cast iron, steel, and malleable iron; the latter, brass, bronzes, also aluminum and magnesium alloys.

The strength of cast iron depends on the comparatively thick streaks of graphite in the metal which tend to separate the crystalline structure, thereby weakening the piece. The ideal metal is one which has uniform structure throughout the whole cross-section.

Malleable iron is fundamentally white iron which has been heat treated to remove excessive carbon and silicon.

The use of alloys has come into prominence in the last few years. By adding a certain per cent of nickel to the iron, the machinability of the casting is improved. The addition of chromium reduces the elongation of the cast parts due to exposure to extreme heat.

Alumni Banquet Set For Coming Thursday

Every alumnus of Armour Tech should attend the annual banquet to be held Thursday, December 17, in the Rose Room of the Morrison Hotel.

John Schommer says that all speakers are to be "muzzled." The purpose of the banquet is, he says, "to get together for a good old-fashioned reunion to renew old acquaintances, and talk of our old college days." Entertainment by singers and other musicians and an occasional story will be interspersed throughout the sessions. The alumni will be seated around small tables.

Louis Hirsh, '14, is in charge of the banquet while George H. Smith, '29, is arranging the entertainment. They believe that the work and thought put into this affair will result in one of the best get-togethers in years. The price is \$2.50 and the gathering will start at 6:30 P. M. although dinner will probably not be served till seven.

Movies Will Feature Next A. I. E. E. Meeting

Three reels of motion pictures donated by the General Electric Company will feature the next meeting of the A. I. E. E. to be held in Science Hall, Friday, Dec. 18.

These films are made easily understood by means of animated diagrams to demonstrate the functions of the various pieces of apparatus. In this fashion a better understanding of the action of a machine may be obtained than from the ideas set forth by a speaker.

The reels are of a very technical nature, but due to their importance, should be of interest to every electrical.

The subjects are

1. Automatic sub-stations (railroad service).
2. Automatic sub stations (general service).
3. Vacuum tube synchronizing equipment.

HONORARIES HEAR ARTHUR C. LUEDER AT ANNUAL DINNER

Tomorrow, December 16, the Inter-honorary Banquet will take place in the French Room of the Knickerbocker Hotel at 6:30 P. M.

The main speaker will be Postmaster Arthur C. Lueder, head of the Postoffice Department of Chicago. Dr. Scherger, who was kind enough to secure the speaker, will give a speech and also will introduce Mr. Lueder.

At least seventy-five people will attend. This number will include the active members, alumni, and pledges of the honorary fraternities. Several professors from each department have also promised to attend.

This is an annual banquet given by the honorary fraternities of Armour. At this one, which is the fifth, the pledges and possibly some new members will be introduced. The honorary fraternities include Tau Beta Pi, engineering; Chi Epsilon, civil; Eta Kappa Nu, electrical; Phi Lambda Upsilon, chemical; Pi Tau Sigma, mechanical; Salamander, fire protection; Scarab architectural; Pi Nu Epsilon, musical; and Sphinx, literary.

The banquet committee is composed of J. O. Cavanagh and R. H. Blom. The price will be \$1.75 per plate.

Fire Protects Visit Inland Steel Plant

Friday, December 10, the junior fire protects visited the Inland Steel Company plant at Indiana Harbor, Indiana. Professor J. J. Schommer led the group and explained the operations.

The blast furnaces were in operation and the spectacular processes of tapping and pouring were witnessed by the students. In the rolling mills, steel at 2000° Centigrade was passed through rollers until it was in sheets about a foot thick. The plates were then reheated and sent through another set of rollers shaping channels 110 feet in length.

After visiting the coking ovens, where coal is changed into coke the party inspected the by-products plant. Here the by-products of the coal are separated into coal-tar and gas which is used by the Inland Steel Company for heating the steam boilers.

The trip began at 9:45 A. M. and was completed at 2:00 P. M.

CALENDAR

Tuesday, December 15

4:00 P. M. Basketball, Armour vs. North Central College at Naperville, Ill.

5:00-6:00 P. M. Orchestra practice, Assembly Hall.

6:00-7:00 P. M. Drama Club, Assembly Hall.

Wednesday, December 16

4:30-6:00 P. M. Drama Club, Assembly Hall.

5:00-6:00 P. M. Stresses and Strains, Room B.

6:30 P. M. Inter-honorary banquet, French Room, Knickerbocker Hotel.

Thursday, December 17

10:30 A. M. Christmas Concert, Armour Tech musical clubs, Assembly Hall.

2:00 P. M. Junior Chemical Inspection Trip.

4:30 P. M. Basketball, Armour vs. Crane Junior College at Eighth Regiment Armory.

Friday, December 18

10:30 A. M. A. I. E. E. Meeting, D Mission.

7:30 P. M. A. C. S. Meeting, City Club.

Monday, December 21, to

Sunday, January 3

Midwinter Recess.

Wednesday, January 6

4:30 P. M. Basketball, Armour vs. DeKalb Normal, De Kalb, Ill.

TECH BASEBALL TEAM MADE SIXTH MEMBER OF NORTHERN INTERCOLLEGIATE CONFERENCE

**Teams Schedule Ten Regular Games
To Decide Championship
On Diamond**

TROPHY TO BE AWARDED TO LEAGUE VICTOR

Large Crowd at Senior Informal

What was perhaps the largest crowd that has attended an Armour social event in the last year or two assembled at the Medinah Athletic Club last Friday night, December 11, to spend the evening dancing to the music of Waddy Wadsworth's R. K. O. orchestra and generally having a good time. The evening's entertainment started at nine o'clock and continued until one.

According to several who were present at the dance, it was the most "self-amusing" crowd an Armour function has had for some time. Indeed, a few went so far as to say that Waddy Wadsworth's orchestra, good as it was, at times was practically superfluous.

Each of the numerous feminine guests was given a program having a white leather cover instead of the customary black. To state the opinion of some who saw them, the programs were of very attractive appearance, the Armour seal, in gold on a blue background, having been stamped on the white cover.

The dance was given under the direction of J. J. Casey, senior social chairman, and his assistants, W. E. Baumann, Mr. R. Beal, W. M. Trautman, and H. W. Yount. The chaperons were Professor and Mrs. Herbert Ensz, and Professor and Mrs. Henry T. Heald.

Clarence S. Rowe Speaks to W. S. E.

About sixty members of the Armour branch of the W. S. E. listened to the talk delivered by Clarence S. Rowe last Friday in B Mission at 10:30. Mr. Rowe, who is in the engineering department of the Chicago Public Works, spoke on the Halsted street bridge soon to be constructed.

He first gave a rather comprehensive history of bridges in Chicago, from the first humble fixed bridge built in 1829 to the world famous bascules, which span our rivers today. Up until recent years no attempt was made to beautify the bridges.

The new Halsted Street bridge will be a double leaf trunnion bascule bridge of about 18 feet vertical clearance. It will cost \$2,200,000. The design of this structure presented a number of problems because of a bend in the river and also in the street at this point. This was overcome by allowing for a widening of Halsted Street and making the bridge of the new width.

The legal problems concerning the bridge have for the most part been settled, and actual work has been started. The temporary bridge is being built and in a few days work will be begun in removing the old structure.

Faculty to Receive Proofs of Pictures

A change in photographers this year has necessitated the retaking, last Thursday, of all the pictures of the faculty for the 1932 Cycle. The proofs will be returned soon and distributed in the mail boxes, and the selection should be made as soon as possible. Members of the faculty who so desire may have pictures made up in attractive styles at the same quotations as the students are receiving.

Armour's baseball team has entered the Northern Intercollegiate Conference for the 1932 season. At present the league will be made up of six teams: Armour, Elmhurst, Lake Forest, Mount Morris, North Central, and Wheaton.

Home-and-home games will be played with each team, making a total of ten games already scheduled, and leaving from four to six games yet to be arranged.

Although eight men have graduated from last year's team, Coach Kraft is very confident that Armour's 1932 team will be as successful as the teams have been in the past. For the last five years, Armour has won 52 games, lost 17, and tied two. During 1931, they won eleven and lost only three games. The best season was in 1929 when 13 games were won, while only one was lost, the latter being to Luther college of Decorah, Iowa, Iowa state champions.

Trophy for League Champions

The league was formed to create more interest and to promote competition in college baseball in the Middle West. A trophy will be given to the college each year that wins the championship.

Later on, more teams will probably enter the league to make it the strongest conference for smaller colleges in the district. Other sports will also be added to the roster of competition. Coach A. A. Stagg, Jr. is at present trying to develop a conference for track competition among the colleges.

Armour should make a good showing in this league, having defeated some of the strongest midwestern colleges in past years. The teams on former schedules were: University of Chicago, Notre Dame, University of Iowa, Luther (Iowa), Chicago Normal, Crane, Lake Forest, North Central, Bradley, DeKalb, Western State Normal, Michigan State Normal, St. Mary's, Morton, and "Y" College.

Last year, Armour defeated three teams in this new league, Lake Forest, Wheaton, and North Central. Both of the Wheaton games went to extra innings, but Tech finally won, 5-4, and 7-6. North Central was defeated twice, 5-2. Lake Forest lost earlier in the season, 6-4, but defeated Armour, 6-3, in Tech's last game for 1931.

Award Three Gold Baseballs

"Vic" Omiecinski, '34, led the batting averages last year with .392, getting 18 hits in 46 times at bat. He also knocked three home runs out of the park to aid Tech in winning games. Gold baseballs were awarded to "Chief" Stehno, for his remarkable pitching record; Captain C. J. Robin for his all-round playing while being on Armour's teams for the past four years and to Omiecinski for maintaining his season's batting average above .350.

Seven Men Back

The following men will be back from last year's squad: Omiecinski, Sommer, Galvani, Lynch, Young, Grundstrom, and Reed. Practice for catchers and pitchers will probably start the second week in February in Tech's gymnasium, but the outfielders and infielders usually do not start until the first week in March if weather permits.

"Chief" Stehno ended his collegiate pitching career by winning six and losing two games. His best game for 1931 was his one hit game on May 26 against DeKalb. Probably his best pitching success was against Coe College in 1930, holding them to only two hits and a walk.

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Vol. VIII DECEMBER 15, 1931 No. 12

Again the shadow moveth o'er
The dial-plate of time.

John Greenleaf Whittier,
Born December 17, 1807.

Armour and the League

The first page of this issue of the Armour Tech News carries a story telling of Armour's entrance into the Northern Intercollegiate Conference, a baseball league with a present membership of six schools.

To recount the entire situation in this column when it has already been explained in detail elsewhere would be unnecessary. However, a brief resume might not be amiss. In a word, then, the league was formed for the purpose of aiding the intercollegiate baseball of the member schools. This year Armour was invited to join the conference and has accepted the invitation, bringing the total membership to six.

With the above facts in mind, it might be well for us to consider the present conditions at Armour and to endeavor to foresee the results of this step. Under the system followed at Armour for the past ten or twelve years, the manager of the baseball team sent letters to some twenty or so colleges requesting games. Whether or not he was successful in obtaining the desired number of affirmative replies was rather a hit-or-miss proposition and whether or not mutually satisfactory dates could be found was even more a matter of chance.

Turning from the manager and his difficulties, let us look at the team itself. The men practiced for some time before their first game and continued to do so until the end of the schedule was reached. The monotony of this was broken every few days by a game that might or might not draw an attendance from the student body. If the game was one with a school that was generally known to the students, the turnout would be perhaps two or three hundred, seldom more. If the opposing school was unknown or if the game did not give promise of being interesting, the attendance would be extremely meager.

Furthermore, the game at hand was the only prize offered to the team, unless it had an unbroken string of victories and was somewhat keyed up because of that. In other words, the team might go through an entire season undefeated and end the year with nothing more tangible to point to than a column of scores.

Now let us consider the situation under the new system. The difficulties of arranging a schedule are materially reduced, since ten games are automatically determined. The manager can easily obtain the remaining few games desired and thus be able to make his schedule absolutely definite for weeks in advance.

"The Slipstick"

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

THE FRESHMAN
BLACKSMITH

Beneath the spreading clouds of smoke,
The Freshman Blacksmith stands.
The muscles in his scrawny arms
Are strong as rubber bands.
He hits the iron with a blow
T would almost crack an egg;
And watches growing piles of scrap
That fill up many a keg.

He drops his links upon the floor,
With a sigh he sees them break;
His shriveled gate hook, long and bent
Looks almost like a snake.
On Saturdays he comes to school
Some extra work to do;
But after a morning of pounding stock,
He decides that he is through.

Now here, gentlemen, is a good example of what we call barnyard poetry. We are sorry that the composer did not sign his initials so that we could reproduce them, but his signature was to fancy for our printers. Come again, stranger.

Not a single senior electrical was to be seen last Thursday at 8:30 a. m. Why?—oh, an A. I. E. E. smoker Wednesday evening.

And when some of those electricals get to playing pinochle, nothing will stop them outside of a game of pinochle.

MINNICK GOES TO ELECTRIC CHAIR AT COOK COUNTY JAIL

**Senior Electricals Employ Ruse
To Put Victim In
"Hot Seat"**

Four senior electricals, Max, Mort, Virge, and yours truly, paid a visit to the Cook County Jail, last Wednesday, with the express purpose of visiting the electric chair.

Virgil J. Minnick volunteered to sit in the chair that we might see how one feels at such moments. No sooner had he sat down than the rest of the troupe strapped his body, clamped his arms and legs, covered his head with the hood, and applied the electrodes to his head and the calf of his leg.

But to our supreme disappointment the juice could not be turned on. As a result the intended victim has a new lease on life and has sworn to "go straight."

We'll admit that some electricals pick the darndest places to have their fun.

IMPRESSIONS OF THE SENIOR DANCE

Well, first of all, we must say that a most enjoyable time was had by all who were present.

We found that two senior electricals can certainly dance together. How do you do it Jost and Sandy?

A parade was started by a local accordionist playing the "Fight Song." And oh! what a parade.



MERRY CHRISTMAS

With Christmas more than a week away may we extend our greetings at this time?

The Bongineer.

In view of the fact that the team would be striving for a championship, the interest of the students should be greater and more uniform from game to game. A larger attendance might be expected, especially near the end of the season, if the team were winning.

Another point that is undeniably true, although we have not mentioned it previously, is that a school that plays in a league has more athletic prestige than has one that plays "free lance." Newspapers take more interest in leagues than in individual games—a fact that should increase the amount of advertising the school receives. To say that a team is champion of some certain league means much more than to say that it completed a season without a defeat.

Altogether, it would seem that the advantages attendant upon membership in such a league as the one Armour has just entered are much greater than whatever disadvantages may result from such an alliance. Personally, we are very pleased that this step has been taken and feel quite sure that the majority of the students will be of the same opinion.

Christmas Concert Has Added Feature

(Continued from page 1)

shirt, black bow tie, and black shoes and socks.

Programs are being mimeographed at present and will be distributed by the following men on the morning of the concert:

L. J. McDonald, E. P. Reardon, E. H. Shaw, E. H. Stoke, W. Thompson, W. Krol.

The seats in Room A which faces the stage are reserved for the faculty members. The other two open rooms along the east side of the hall are reserved for the members of the musical clubs when not taking part in the concert.

The ushers for the faculty seats and A. T. M. C. reserved sections are as follows: E. G. Avery, J. J. Bachner, J. J. Englander.

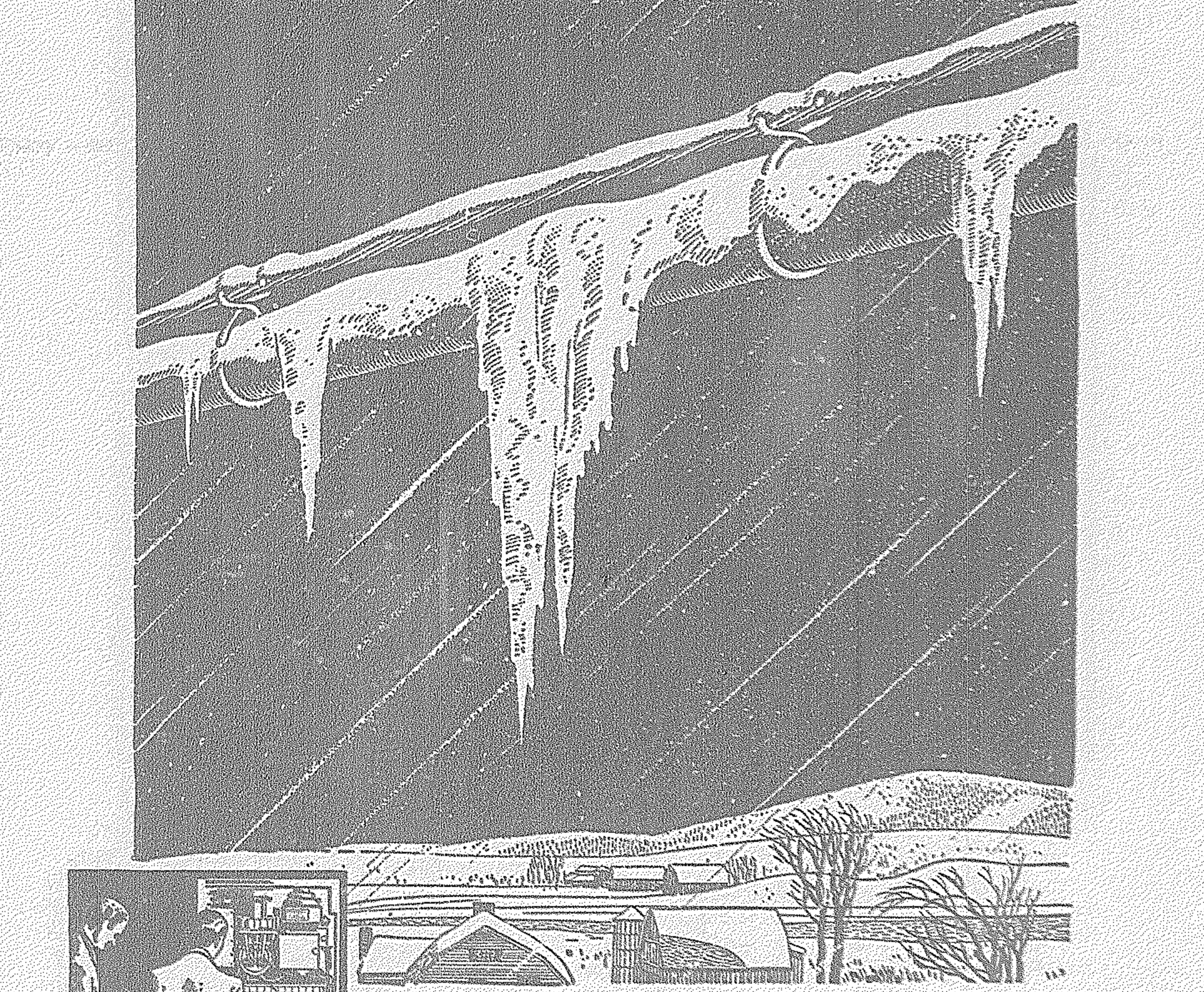
The curtain will be in charge of L. G. Wilkie. The switch board operator will be J. W. Juvinall.

The following committees have been appointed to manage the stage setting of their respective organizations. Orchestra: E. E. Lantz, N. C. Clanton, G. Palmer. Stresses: D. L. Corwall, A. H. Weston, J. A. Clear. Glee club: S. L. Otto, D. F. Landwer. D. R. McFarlane, C. Clarkson. Band: W. H. Hornberger, G. L. Bonvallet.

In order that the students may have fewer opportunities for originality in singing the "Armour Fight Song," we are printing the correct version at this time.

ARMOUR FIGHT SONG

Go team, play hard for dear old
Armour;
We are the fighting engineers.
Raise up the black and yellow
higher,
Safe for all the years.
Fight team, fight hard for dear old
Armour,
Keep her honor pure.
We'll make her glory ever brighter,
Fight on and victory's sure.



But the telephone conversation must not freeze

A sudden cold snap might seriously interfere with long distance telephone service were it not for the studies made by Bell System engineers.

They found that temperature variations within 24 hours may make a ten-thousandfold difference in the amount of electrical energy transmitted over a New York-Chicago cable circuit! On such long circuits initial energy

is normally maintained by repeaters or amplifiers, installed at regular intervals. So the engineers devised a regulator—operated by weather conditions—which automatically controls these repeaters, keeping current always at exactly the right strength for proper voice transmission.

This example is typical of the interesting problems that go to make up telephone work.

BELL SYSTEM



A NATION-WIDE SYSTEM OF INTER-CONNECTING TELEPHONES

The Theatre

GRAND HOTEL

About two months ago, Randolph Street went psychopathic with *Girl Crazy* and *Crazy Quilt* opening in adjacent theatres; now Clark Street has been aggrandised by the opening of a grand show named *Grand Hotel* at the Grand Opera House. This Herman Shumlin production, with a fifty-six week smash-hit reputation on Broadway, fully lived up to that reputation when it was presented to an enthusiastic first-night audience December 8th. At that time, Chicagoans were shouting "Get Rich With Ritchie" in honor of Maryland's governor; it seems the near-bankrupt Shuberts are figuring on something of that sort during the Chicago run of *Grand Hotel*, as rows of seats now cover the erstwhile orchestra pit, and tickets for the opening were reported selling at a high premium.

The play itself is a German importation, adapted by Vicki Baum from her book of the same name. It represents a study of the half-dozen principal characters, guests at the exclusive Grand Hotel in Berlin, during a period of thirty-six hours. These characters are; Grusinskaia, a temperamental dancer of the Pavlova type, tired of life and work 'til re-inspired by the love of a partially-reformed racketeering nobleman; she is marvelously portrayed by Eugenie Leontovitch; Baron von Gaigerri, "black sheep of a white family", gambler and crook, but a gentleman at heart, is well played by Alber Van Dekker; Siegfried Rumann takes the part of Preysing, pompous, hard-hearted Prussian industrial leader who bluffs his way through a crooked merger; Flaemmchen (Hortense Alden) is the stenographer, "too pretty", by her own admission, "to work in an office"; then there is Kringlein, sympathetically interpreted by Sam Jaffe as a downtrodden slave of Preysing, who, when given only a short time to live by a doctor, takes his lifetime savings and goes to the Grand Hotel, to see "life" before death catches up with him; finally, there is cynical, one-eyed Dr. Ottersschlag, who engages his room by the day, being asked each morning if he wishes to remain.

One of the principal contributing factors to the phenomenal success of *Grand Hotel* is the backstage mechanism (not a revolving stage) by which the action changes from one part of the hotel to another with cinema-like rapidity. Blackouts, made famous by Messrs. Ziegfeld, White, Carroll, and Gordon, are used in the scene changes. It is this swift movement from the lobby, to the modernistic bar, to Grusinskaia's room, etc., that forms the greatest contrast between Vicki Baum's kaleidoscopic drama and Elmer Rice's *Street Scene*, all of which took place in front of an east side tenement. They are alike, however, in their photographic reality. Most critics talk of it as melodrama with an exciting "plot". To me, it was a somewhat impersonal, but intensely interesting, panorama representing

Large Group Present
At A. I. E. E. Smoker

Over fifty electricals attended the A. I. E. E. smoker held last Wednesday, Dec. 9 at the Phi Kappa Sigma fraternity house. The smoker was scheduled to start at 8:00 P. M., but men drifted in from 7:30 on and were soon occupied with bridge, five hundred, hearts or whatever card game appealed to them.

Professor Moreton, the only faculty member present, did not indulge in cards but went from table to table, a keen observer of the play.

Entertainment was offered by a six piece orchestra composed of Armour men, with the exception of the pianist, Jim Perry. Perry, conductor of "Perry's Commanders" gave several piano selections. Charles Kaiser, '33, sang a request number, "I Don't Know Why."

The refreshments were all anyone could desire. Enough sandwiches, coffee, cake and ice cream made their appearance to feed an army and the electricals did full justice to the repast. Thanks for the preparation of food as well as the entertainment is due William Stocklin, head of the social committee.

The orange-colored fruits known as bittersweet are properly called false bittersweet, since the name really belongs to a purple flowering plant of the nightshade family.

certain episodes in the lives of the principal characters.

I'll say no more as to the plot, but let you find out for yourselves, as you must be sure to do. Of course, Hollywood is going to make a film version, but I'll bet it will be a different *Grand Hotel* than the one current in Chicago: masterpieces are not to be trusted in the movies after the way some have been mutilated. Dreiser took the "plot changing" methods of the movies to court (in regard to his *American Tragedy*) shortly before his toothpick-balancing expedition into the "Bible Belt". *Street Scene* was well filmed, but so many Broadway successes return from the coast, in their celluloid disguise, changed in every way except the name, that we can only hope for the best and expect nothing. You had better see it in the flesh.

Meanwhile, Miss Leontovitch's versatile husband, Gregory Ratoff, has replaced Benny Rubin in Ratoff's own

show, *Girl Crazy*, which to my mind amounts to a recital of good Gershwin music and not much else; but that's sufficient for this Gershwinité. Frances Upton is now the only principal remaining from the original cast.

There will be plenty of good shows to see over the holidays, with both *Grand Hotel* and *Green Pastures* still here, and, among the musical shows, *Three's a Crowd* and Al Jolson's *Wonderbar* opening. *Marching by*, at the Great Northern, is said to be a worthy successor to the great operettas that have played that house during the past decade. In connection with this holiday talk, it might be added that a certain producer recently stated that the three worst weeks in the show business were the week before Christmas, Easter week, and Milwaukee. Which clears Memphis of Variety's charge of being America's worst show-town.

By Robert B. Tague.

Riflemen Vanquish
N. Y. Stock Exchange

Armour's rifle team chalked up another victory last week by beating the New York Stock Exchange. The high point men on each team are as follows:

ARMOUR	
Wilson	383
Patla	374
Helmick	373
Sachs	372
Hollmann	372
1874	
NEW YORK STOCK EXCHANGE	
MacLean	377
Ohlman	377
Kingman	372
Davidowitch	371
Arnold	370
1867	

The Armour team will meet the University of Iowa gunners sometime next month. This will be an important match because Iowa has been the Big Ten champion for the last two years. Members of the team are now practicing the military standing which will be necessary for the coming meet. The team has won all of its matches this year and feels so confident in its string of victories that it intends next to issue challenges to as many universities and colleges as possible.

It is planned to have shoulder to shoulder matches with the teams of the Western Electric Company and the Austin Gun Club during the Christmas vacation.

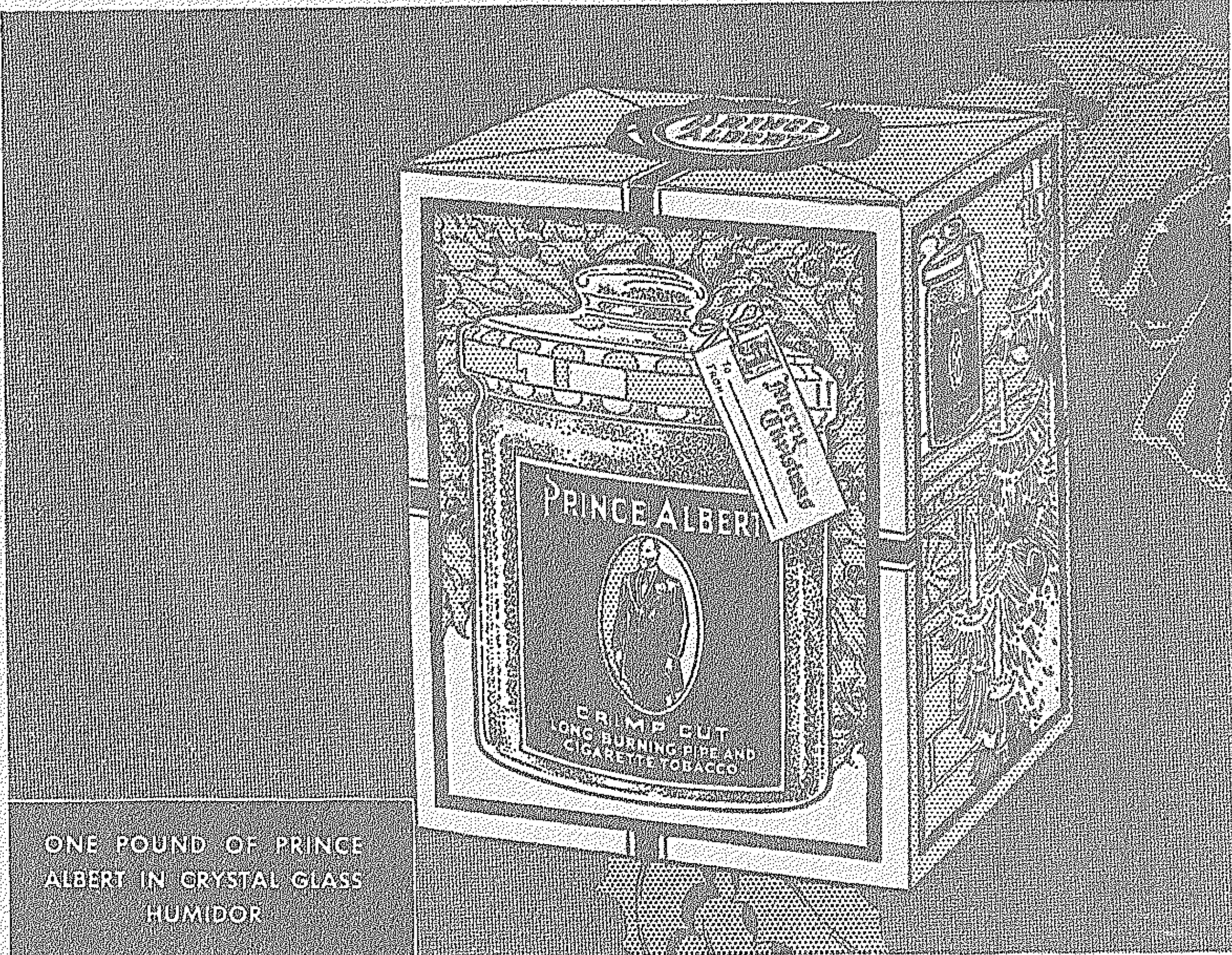
R. B. Harper Speaks
About World's Fair

According to Mr. R. B. Harper of the Peoples' Gas, Light, and Coke Company, the World's Fair of 1933 is being planned in a more thorough and efficient manner than any fair held in the past. In a talk given before the student chapter of the American Institute of Chemical Engineers last Friday at 10:30, Mr. Harper explained many phases of the work being done in preparation for the exposition.

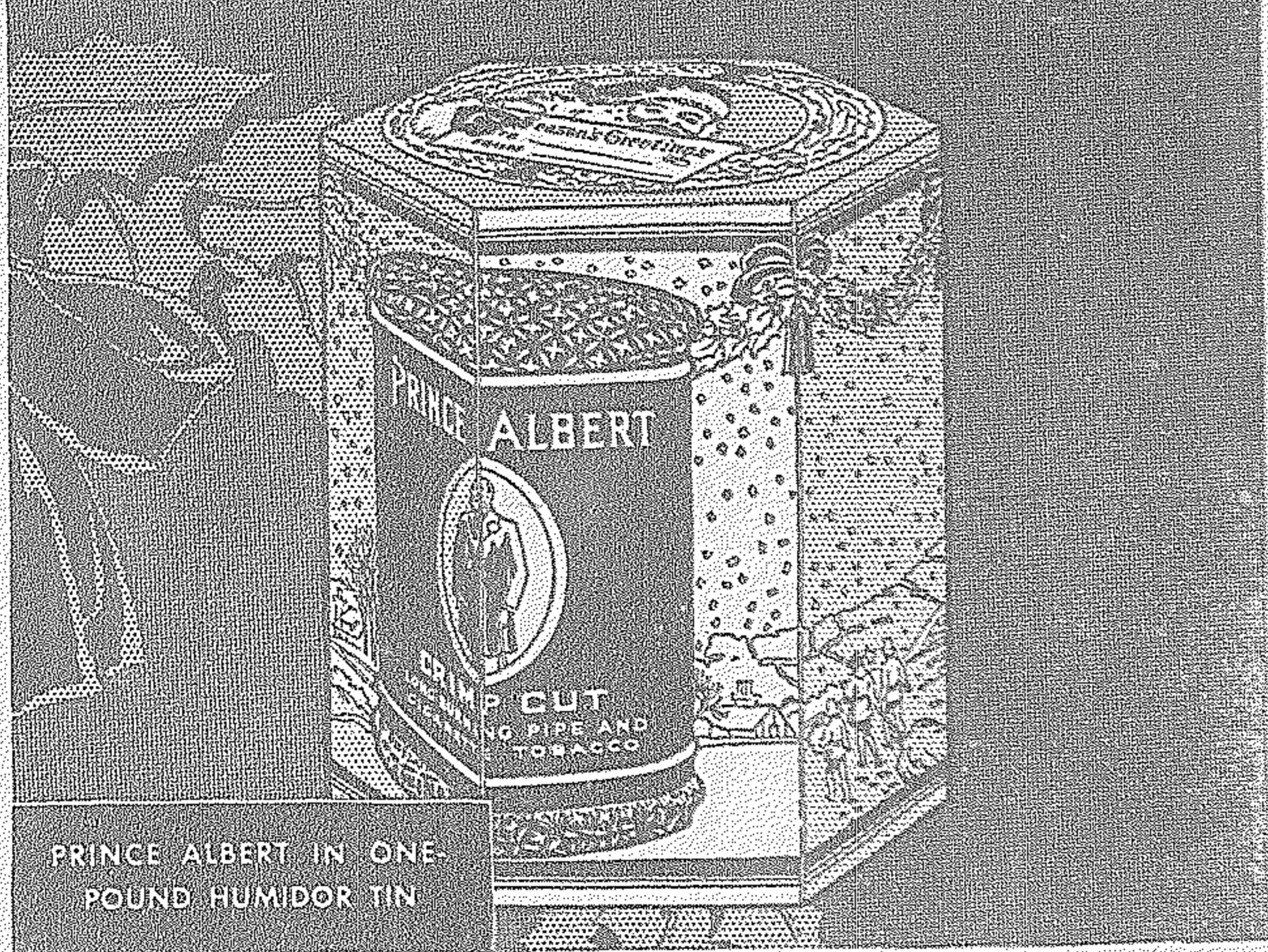
Toadstools sometimes develop fully in less than six hours.

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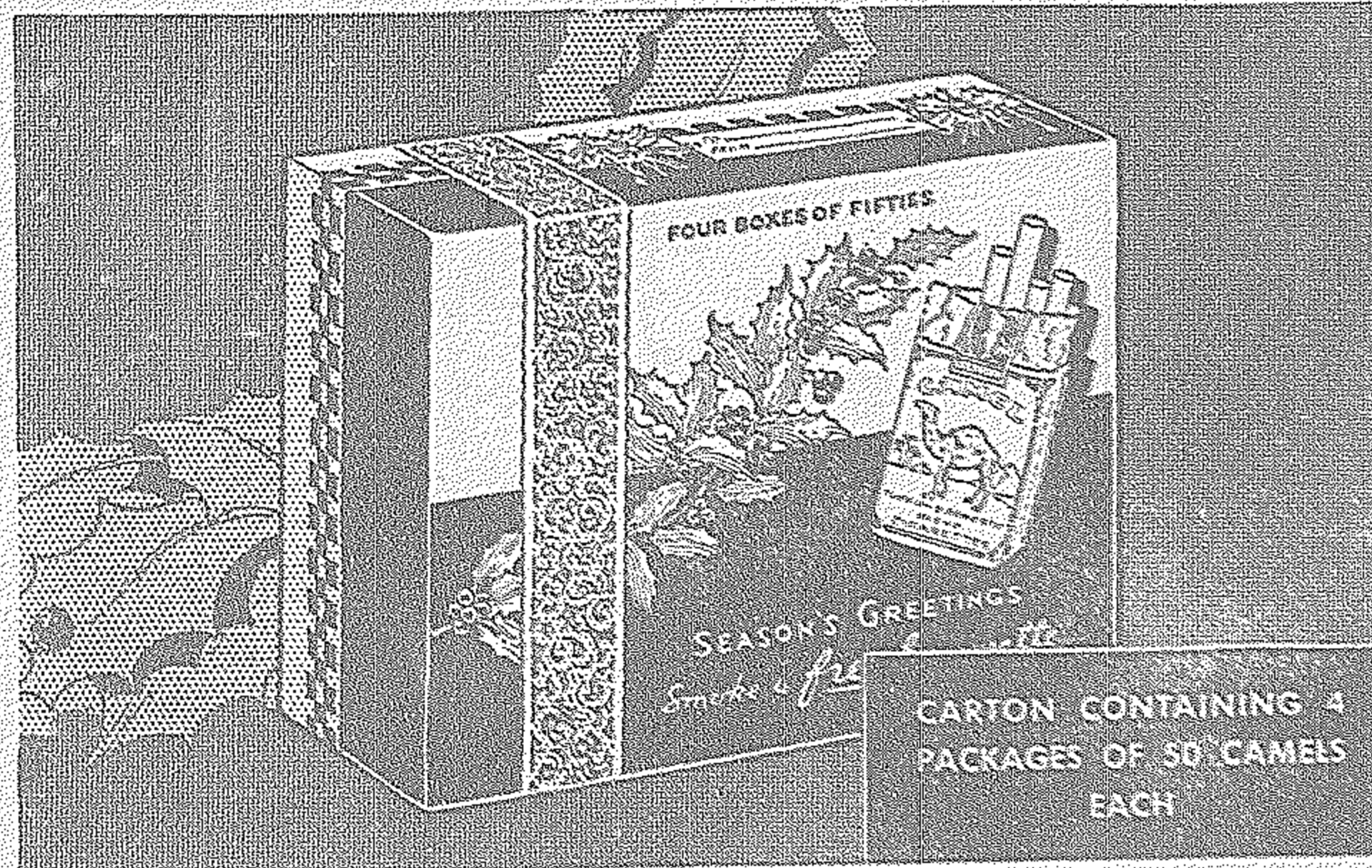
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come both in attractive Christmas cartons containing ten packages of twenty and in cartons containing four boxes of fifty each.

For the man who smokes a pipe, we suggest either a pound tin or one of those crystal glass humidors of good old PRINCE ALBERT. Here is a present that goes straight as a Christmas carol to a man's heart; P.A., the best loved pipe tobacco in the world, all dressed for the occasion in bright Christmas costume.

What gift can you think of that will be more welcome or give more genuine pleasure and satisfaction?

Don't you hope someone will think of such a friendly gift for you?

We wish you Merry Christmas!

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PRINCE ALBERT QUARTER HOUR, Alice Joy, "Old Hunch," and Prince Albert Orchestra, direction Paul Van Loan, every night except Sunday, N.B.C. Red Network

See radio page of local newspaper for time



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ARMOUR BASKETEERS SCORE THIRD CONSECUTIVE VICTORY; DEFEAT AMERICAN COLLEGE

Seek Two Additional Victories This Week in Games With North Central and Crane

CHRISTOPH STARS FOR TECH WITH 19 POINTS

Armour Tech's basketball team found its third victim of the year last Thursday evening, when it defeated the American College of Physical Education by a score of 35 to 21.

Christoph was easily the star of the game, accounting for a total of 19 points by sinking eight baskets and three free throws.

The game was a rough and tumble affair as evinced by the fact that 25 personals were called on the two teams.

Armour Leads at Half

At the end of the half Armour was ahead by a score of 16-10. That lead was mainly due to Christoph's assaults on the basket, sinking five and adding two more points by way of free throws. Robin and Rossing brought the total up to 16.

Blackmore starred for the Physical Ed. boys, sinking one basket and four free throws. Selhan with two baskets and Wiotow with a free throw, made up the total of ten points for the opponents during the first half.

Baskets Made in Rapid Succession

Setterberg, in the opening of the second half, sank a free throw, and then connected with a basket from midfloor. Beemsterboer sank a basket, Rummel made a free throw and Armour had added six points before Bol scored on a free throw for the opponents. Armour then again collected six more points on a basket by Robin and two by Christoph. Bol then came through with a basket and Sherry made a free throw, bringing the score up to 23 to 16.

Tech Passing is Accurate

Christoph, who seems to prefer making two baskets in a row, again sank two in rapid succession. The opponents just could not cope with the superb shooting by Christoph and the accurate Tech passing. Sherry sank a basket and a free throw giving American College 19 points. During the final moments of the game Beemsterboer made a free throw and Carlson scored the final two points on a beautiful basket. Bombo sank a basket bringing the score to 35-21, in favor of Armour. This game was the third consecutive victory of this season and from the results so far Armour bids fair to have one of the strongest teams in years.

BOX SCORE				
Armour, 35	FG	FT	PF	
Robin, r. f.	2	0	1	
Carlson, r. f.	1	0	0	
Christoph, l. f.	8	3	2	
Beemsterboer, c.	1	1	3	
Ilg, c.	0	0	1	
Setterberg, l. g.	1	2	3	
Rossing, r. g.	1	0	4	
Rummel, r. g.	0	1	3	
Casey, r. g.	0	0	0	

Total 14 7 17

American College of Ph. Ed., 21				
	FG	FT	PF	
Selhan, r. f.	2	0	1	
Walsh, r. f.	0	0	1	
Blackmore, l. f.	1	4	1	
Clark, r. f.	0	0	2	
Bol, c.	1	1	1	
Barry, c.	0	0	0	
Wiotow, l. g.	0	2	1	
Bombo, l. g.	1	0	0	
Delaney, r. g.	0	0	3	
Sherry, r. g.	1	2	2	
Stasick	0	0	0	

Total 6 9 12

1932 SCHEDULE

Jan. 6—Armour at DeKalb Normal.

Jan. 12—Y. M. C. A. College at Armour.

Jan. 16—Armour at Augustana.

Jan. 21—Wheaton at Armour.

Jan. 22—Detroit City College at Armour.

Feb. 6—Armour at Michigan Normal.

Feb. 8—Armour at Detroit City College.

Feb. 13—Armour at Y. M. C. A. College.

Armour Tech's basketball team will attempt to continue their three game winning streak this week when they play North Central College of Naperville tonight on the opponents' floor and encounter Crane College of Chicago, Thursday evening at the armory. Coach Krafft expresses the belief that the games will be exceedingly hard as both of the opposing teams have shown up in fine condition this season. Coach Krafft is an alumnus of North Central College.

The Armour quintet played the Crane College team in the season of 1928-29, and lost to the Tiger aggregation for the first time in three years, by a score of 42 to 19. The score shows the strength of the orange and black team which, during that season and the following, rolled up a string of 32 straight victories before they were defeated, Armour being the 18th victim.

The last Armour-North Central game was also in the 1928-29 season. Two games were played, North Central winning the first, but Armour coming out victorious in the second. The victory over North Central wound up the season for the Armour five and was the eighth victory of the regular schedule. It seems that after the defeat administered by North Central in their first meeting, the Armour men decided it was time to break into the win column. They won eight of the remaining games of the schedule. However they did not play either of these college teams last season.

The games this week should prove to be good, as the Armour team, from all indications, is stronger than ever before. Coach Krafft has shifted Capt. Rossing to the guard position, and he is showing up well in that zone. Setterberg is also playing a good game at the other guard position.

The team works smoothly as a unit, Robin, Beemsterboer, and Christoph showing the cooperation which produces the scores. Coach Krafft also has a dependable lot of substitutes to back up the regular team. The student body is urged to come out Thursday to the Crane tilt to support the team.

Final Meets in Boxers Schedule

Opening the season with a meet at the 124th Artillery Armory, the Armour pugilists will engage the soldiers in a number of matches on Wednesday, January 16th. The Armory is located at 52nd Street and Cottage Grove Avenue, and on that evening it will be filled with about 2,000 spectators, mostly members of the National Guard.

The squad will be composed of Donnelly and Gaemer in the 112 lb. class; Sandstrom and Core in the 126 lb. class; Bacci, Marcus, McDonald, Heckmiller, Campioni, Rush and Hoffberg representing the classes ranging from 135 to 175 lb.

The possibilities of the team are as yet unknown and untested in actual competition, but one thing is certain—that the boys will fight hard. Tickets for this field meet may be obtained from Manager Ustryski or Coach Weissman.

Schedule

Jan. 13—Armour at 124th Armory.

Jan. 21 or 23—Armour at S. Chicago Y. M. C. A.

Feb. 5—S. Chicago "Y" at Armour.

Feb. 19—Valparaiso at Armour.

March 5—Armour at Valparaiso.

March 12—124th Artillery at Armour.

March 26—Armour at Culver.

Feb. 17—Armour at Crane.

Feb. 19—Augustana at Armour.

Feb. 25—Michigan Normal at Armour.

TECH SHORTS

Another Victory

Basketball again takes the lime-light with Tech defeating the American College of Physical Education, 35-21, for its third consecutive victory.

Seven of the nine men playing were of the civil engineering department. It must be a popular course among the athletes.

The 100-yard straightaway in Ogden field is almost completely finished. The whole track will be finished by spring. Tech should have a championship team this year, having the new Bartlett fieldhouse and the rejuvenated Ogden field to practice on.

Boxing Bouts on Jan. 13

Boxing will take some of the glamour from Tech's basketball team. Almost two thousand spectators are expected to be present to see the team box at the 124th Field Artillery fieldhouse on January 13. Paddy Kane, coach of the team which won the recent Catholic championship, is the manager of Tech's opponents.

ATTEND BASKETBALL GAMES

All students are urged to be present to cheer Armour's basketball team in their home games. Tech has already won its first three games, and with more rooters out, it can win most of the remaining games.

It is a sad situation that the school with 850 students doesn't support its athletic teams. Armour has been fortunate enough to have teams of championship caliber in the past years, but apparently the student body hasn't enough spirit to come out and back them up, even once or twice a week.

Come on fellows and show your true spirit by being at the Crane game next Thursday at the 5th Regiment Armory, 35th Street and Giles Avenue, at 4:30 P. M.

The managers for the coming season are: J. Owen, basketball; E. Colcord, track; H. P. Richter, baseball; F. Ustryski, boxing; G. Schodde, tennis; and J. Dirkers, swimming.

Number 14

Phi Pi Phi won their fourteenth consecutive basketball title by defeating Beta Psi last Friday, 10-9, in the most nerve racking, tense game seen at Armour in the past ten years. Both teams showed excellent spirit and team work with good guarding by each man.

H. P. R.

Swimming Team Still Open for Candidates

Judging by all indications, the swimming team undoubtedly has great opportunities before it this season. A fine turnout of prospective members and the return of all of last year's swimmers give every reason to believe that one of the most successful seasons in recent years is in the offing.

Coach McGillivray has been supervising all practice which has been going on in full swing out at the U. of C. pool, near Stagg Field. He desires that all members and candidates come out so that he can point out the defects in their strokes and thus help them improve their forms.

One may consider the swimming team fortunate in having as a mentor and advisor, Coach McGillivray, who held many records when formerly in competition.

Any man who would like to become a splash artist see Capt. Andrew Weston or else take the ride out to the U. of C. pool. It is not too late to join the team.

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PHI PI PHI WINS FOURTEENTH TITLE IN THRILLING GAME

Defeats Beta Psi in
Closely Fought
Contest

WINS FINAL GAME, 10-9

Fourteen consecutive basketball titles!! This is the enviable record made by Phi Pi Phi in the annual interfraternity classic. The latest victory was a hair-raising 10-9 triumph over Beta Psi last Friday evening, the winning basket being the only one sunk in the final quarter.

Each year the name of the winning team is put on a cup. The first team to have this honor for three times is given permanent possession of the trophy. The Phi Pi's now have two legs on the fifth cup which has been offered since their winning streak started.

Casey, Pflum Star

The three preliminary victories which gave the Phi Pi's the right to meet Beta Psi in the final round were won with ease, while Beta Psi just nosed out her opponents in the first rounds. Casey and Pflum starred for the victors while Setterberg took the helm for Beta Psi. Both teams seemed to feel the strain of the occasion and showed their nervousness in the barrage of shots which stormed both baskets to no avail.

The exciting final quarter started with Giske missing two free throws after Staron had fouled him. Shortly afterward Carlson came out of a melee in a corner of Beta Psi's end of the floor and heaved the ball into the basket. This basket proved to be all that was needed for Phi Pi was not headed again. Beta Psi took time out with four minutes to go, making an attempt to stabilize their faltering defense. Their anxiety was increased when Phi Pi started to stall, but Giske became over anxious and fouled Humiston, who then proceeded to miss the free throw. The jinx held on and Pflum also missed two free tosses after being fouled by Setterberg. The remaining few minutes of play was punctuated at regular intervals by the thump of the ball against the backboard as each team attempted to sink a field goal.

Setterberg Leads Beta Psi

Casey made the first scores of the game, sinking a field goal and a free throw in the first quarter. Setterberg retaliated with a long shot and the first quarter ended 3-2 in favor of the Phi Pi's. Pflum made a field goal in the second quarter and the half ended with the score 5-3 in favor of the Phi Pi's. Most of Beta Psi's fireworks were unloosed in the third quarter when Jungels, Staron, and Setterberg sunk field goals. Phi Pi's scoring consisted of a field goal by Leichtenberg and a free throw by Carlson.

BOX SCORE				
Phi Pi Phi—10	B	FT	PF	
MacLennan, rf	0	0	1	
Giske, rf	0	0	2	
Carlson, lf	1	1	0	
Leichtenberg, c	1	0	0	
Casey, rg	1	1	1	
Pflum, lg	1	0	1	
	4	2	5	

Beta Psi—9				
	B	FT	PF	
Miccucio, rf	0	0	1	
Humiston, lf	0	0	2	
Jungels, c	1	1	0	
Setterberg, rg	2	0	2	
Staron, lg	1	0	1	
	4	1	6	

Referees—Rossing and Lind.

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Cage Queries

By Prof. J. J. Schommer

Editor's Note: Professor John J. Schommer, star player, conference umpire, and leading basketball authority, will answer through this column any questions on basketball which are puzzling our readers. Questions may be submitted to the Sports Editor, H. P. Richter, or they may be placed in the Armour Tech News box, which is located in the main building adjacent to the elevator on the first floor.

Question 1. Is face-guarding permissible?

Answer. In some cases no, but most cases yes. It is wholly up to the judgment of the official.

Question 2. After an offside, the player throwing in the ball purposely hits an opponent so that the ball rebounds back to him. Is he allowed to continue play?

Answer. Yes. That play is allowed.

Question 3. What determines the number of free throws given on a foul?

Answer. One free throw is given on a technical foul. Two free throws are given when a player is fouled in the act of shooting a goal unless the goal is made, when only one free throw is given.

Question 4. How do you distinguish between a technical and personal foul?

Answer. A personal foul is one involving body contact, such as pushing, kneeling, holding, etc. Technical foul is called for some minor infraction of the rules, such as unsportsmanlike conduct toward the crowd or toward another player, catching the ball with two hands on a jump-off, etc.

Question 5. The ball hits the side or top edge of the backboard but bounces back into the court. Is it offside?

Answer. No. But if the ball hits the backboard supports, it is offside.

Beta Psi—19				
	FG	FT	F	
Humiston, r. f.	1	1	0	
Miccucio, l. f.	1	1	1	
Jungels, c.	1	0	1	
Staron, r. g.	5	1	0	
Anderson, l. g.	0	0	0	
Adams, l. g.	0	0	2	
	8	3	4	

Phi Kappa Sigma—17				
	FG	FT	F	
Jacobson, r. f.	5	1	1	
Biegler, l. f.	1	2	0	
Walker, c.	0	0	1	
Van Dyke, r. g.	1	0	1	
Hendricks, l. g.	0	0	4	
Dase, l. g.	0	0	0	
	7	3	7	

INTERFRATERNITY SEMI-FINAL GAMES HELD LAST WEEK

Phi Pi Phi remained in the running for the interfraternity basketball title by defeating Sigma Kappa Delta, 30 to 6, one week ago. Carlson and Casey led the victors with eight points each, and each member of the team scored at least once. The Phi Pi's obtained an early lead and never were in danger of losing it.

More interesting because of the even matching of the teams, the Phi Kappa Sigma-Theta Xi game, the second of the evening, was hotly contested, and not until the final whistle blew was the result certain. The final score, 16 to 13, favored Phi Kappa Sigma. Biegler, of Phi Kappa Sigma, and Smethals, a Theta Xi player, led their teams with eight and seven points respectively.

In two very interesting and exciting basketball games played Thursday evening, the finalists of the interfraternity basketball tournament were decided. The Phi Pi Phi's, as invincible as ever, played their usual good game and defeated the Triangle team by a score of 21 to 6. The entire Phi Pi Phi team played well as a unit, with Casey and Pflum as high point men. All of Triangle's points were made by McBrady and Lind.

The other semi-final game was much closer and slightly more exciting for that reason. Beta Psi triumphed over the Phi Kappa Sigma team after trailing at the half by one point. The final score was 19 to 17. This game was featured by the expert basket shooting of Staron, Beta Psi guard, and Jacobson, Phi Kappa Sigma forward.

Phi Kappa Sigma—16				
	FG	FT	PF	
Jacobson, f.	2	0	1	
Biegler, f.	3	2	2	
Walker, c.	2	0	1	
Van Dyke, g.	0	0	1	
Dase, g.	0	0	0	
Hendricks, g.	0	0	3	
	7	2	8	

Theta Xi—13				
	FG	FT	PF	
Smith, f.	0	0	1	
Smethals, f.	3	1	0	
Manson, c.	0	0	0	
Reynolds, g.	0	0	1	
Ellis, g.	1	0	1	
Lundin, g.	0	0	1	
Cassil, g.	0	0	1	
Rummel, g.	1	1	4	
Meehan, g.	0	1	0	
	5	3	9	

1907

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GREETINGS
1931

25th ANNUAL SEAL

1931

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