

Arx News

The Annual Traveling Exhibition of the Scarab Fraternity, which was at the Art Institute last week proved to be very interesting to the students. Scarab is the architectural honorary fraternity. To become a member, one must have a good scholastic standing and be exceptionally good in architectural design. And if you could have seen these drawings you would not have doubted in the least that the boys all earned their membership. Armour's sketches were above the average with the rest, but it was in water color that it showed its superiority. Schock, Schlager, DeLong, Mell, Minx, Rosen and others were represented. The exhibition is a traveling one and it is too bad that all Armourites could not have seen it.

The business depression has been beneficial to the architects in that one of their profession has found a new and able method of spending spare time. George C. Nimmons of the nationally known architectural firm of Nimmons, Carr and Wright, Chicago, decided he'd take advantage of the building lull and do something different. And now he kills time by building models of Yankee Clippers. He has a workshop out in the country and he builds boats, to a scale of one-twelfth inch equals a foot from his own working drawings. The model of his first clipper is now in Mr. Nimmon's private office.

Lecture Given On Molecules

Several Armour students took advantage of an opportunity to attend a lecture on molecular structure illustrated with an array of models when they went to the A. C. S. meeting Friday evening, February 20.

The talk was presented by Dr. Donald H. Andrews of the Johns Hopkins University, who, with his facile manipulation of the models, was able to show vividly just what his theories were regarding the inner form of the molecule. Dr. Andrews explained that the models were not constructed from mere theory, but from careful observations of the various molecular properties: ionic, thermionic, and spectroscopic.

He stated that the knowledge of molecular structure has altered or confirmed many theories associated with the other sciences, and has opened up new fields for future investigation.

He ended by urging a greater interest in the subject on the part of the research chemist. The meeting adjourned to the group gatherings, which had many items to offer to their members.

Newly Invented Gas Is Ideal Refrigerant

A new cooling gas for refrigerators may make the tropics a better place for white men to live. In northern homes, it offers an ideal refrigerant for household ice boxes of the mechanical or electric type, say engineers.

All such refrigerators now on the market use some gas that can be compressed and liquefied to abstract heat from the refrigerator chambers. Several of the gases that have been in current use are poisonous or at least irritating should they escape from the pipe coils that imprison them.

The new gas, described before the American Chemical Society, is non-poisonous. Quantities of it, demonstrations show, may be breathed without the slightest ill effects. It is also noninflammable. These properties are the result of the peculiar chemical composition of the gas, which is a compound of three familiar elements—carbon, chlorine, and fluorine. Its technical name is "fluoro-chloro-methane."

Besides its household use, it may have other important applications because of its highly desirable engineering qualities. It may be used to cool sleeping rooms in the tropics, deep shafts in mines, and the cramped quarters of submarines.

EXAMINATIONS FOR REMOVAL OF CONDITIONS

Tuesday, March 3rd, 2:00 P. M.
Railway & Highway Locations (C. E. 5), Assist. Prof. Grafton.....C. E. Drafting Room
Graphics Problems (C. E. 14), Assist. Prof. Grafton.....C. E. Drafting Room
Organic Chemistry (Ch. E. 13), Prof. Freud.....C. Main Building
Organic Chemistry (Ch. E. 17), Prof. Freud.....C. Main Building
Organic Chemistry (Ch. E. 20), Prof. Freud.....C. Main Building
Physical Chemistry (Ch. E. 30), Prof. Freud.....C. Main Building

Thursday, March 5th, 2:00 P. M.
Applied Mechanics (Mech. 5), Prof. Paul.....F. Chaplin Hall
Engineering Mechanics (Mech. 1 & 2), Prof. Paul.....F. Chaplin Hall
Mach. of Mat. & Graphics (Mech. 3), Prof. Paul.....F. Chaplin Hall

Friday, March 6th, 2:00 P. M.
Physics (Phys. 1 & 2), Prof. Wilcox.....Elect. Lect. Room
Physics (Phys. 3), Prof. Wilcox.....Elect. Lect. Room

Wednesday, March 11th, 2:30 P. M.
Precalc—Physics Laboratory, Prof. Doubt.....C. Chaplin Hall
Where an examination is not scheduled the student is advised to see the instructor in the subject at once so that private arrangements can be made.

ALPHA CHI SIGMA PLEDGE
Alpha Chi Sigma takes pleasure in announcing the pledging of Paul Bestler, '33. This makes a total of six pledges.

The first automobile was unknowingly built in 1804 when Oliver Evans put wheels on a steam dredge and drove it two miles under its own power.

FRATERNITY NOTES

TRIANGLE

March 1 witnessed eleven pledges being formally initiated into Triangle and at this time Armour Chapter announces the initiation of Vernon C. Alexander, '33, C. E.; William L. Bengtson, '32, M. E.; Judson F. Bonnell, '34, M. E.; Arthur M. Cohrs, '34, Ch. E.; Roy A. Ekroth, '34, Arch.; Stephen M. Lillis, '34, Ch. E.; William A. Molloy, '34, C. E.; George B. McBrady, '34, Ch. E.; John E. Schreiner, '34, C. E.; Eric H. Smith, '34, C. E.; Roy A. Young, '32, F. P. E.

Following initiation, the new brothers, alumni, and actives attended an Initiation Banquet at the Chicago Beach Hotel where the remaining part of the evening was spent informally with the telling of

stories. Roy Young gave an address in behalf of the new actives. The neophytes will be in charge of the Initiates' Dance that is to be at the Chapter house Saturday, March 14. Invitations have been extended to the other chapters.

DELTA TAU DELTA

Delta Tau Delta announces the pledging of Philip O. Schuster, '34, M. E.

The annual Delt Prom will be March 6 at the Bal Tabarin of Hotel Sherman.

M. R. Beal has returned to school following his attendance at the Western Division conference at Minneapolis on February 26, 27 and 28.

BETA PSI

Following dinner on Monday, March 2, 1931, E. A. Wegner, '32, M. E., was initiated to active member-

ship in Beta chapter of Beta Psi. E. W. Johnson, '33, M. E., was recently pledged.

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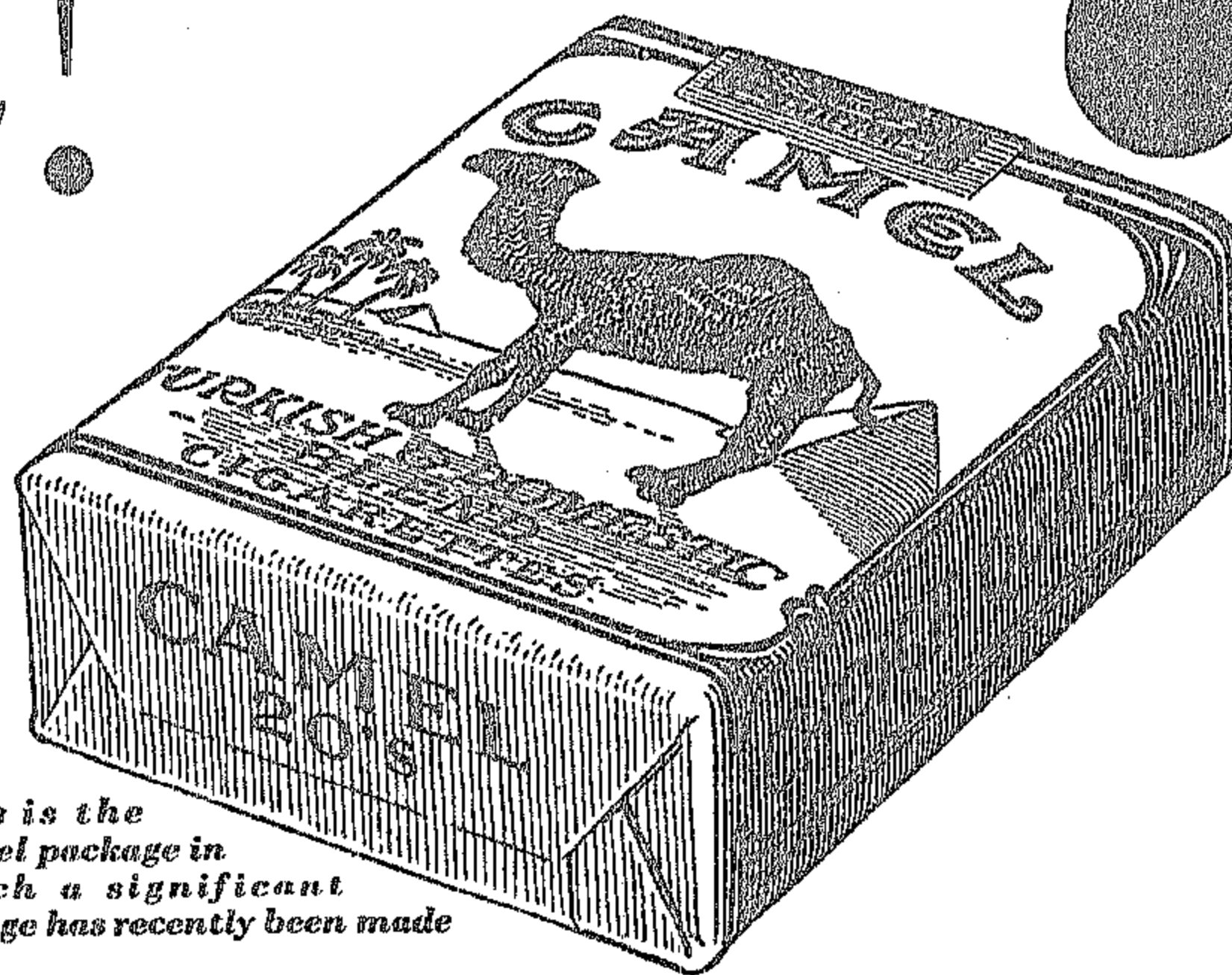
Gamma chapter wishes to announce the pledging of R. J. Pfum, '34, C. E.

An election of officers for the coming year took place February 17 and resulted in the following men taking offices: A. J. Mueller, president; H. F. Leichtenberg, vice-president; C. R. Mitchell, treasurer; H. J. Cameron, secretary; S. A. Carlson, chaplain; and V. J. Novak, sentinel.

KAPPA DELTA TAU

Hell week is scheduled to begin on March 9 and will be followed by an informal initiation at the Indiana sand dunes on March 15 and 16.

The CAMELS! are coming.



This is the Camel package in which a significant change has recently been made

\$50,000 REWARD

for the best answers to this question:

What significant change has recently been made in the wrapping of the CAMEL package containing 20 cigarettes and what are its advantages to the smoker?

First Prize, \$25,000

Second Prize, \$10,000 Third Prize, \$5,000

For the five next best answers . \$1,000 each

For the five next best answers . \$500 each

For the 25 next best answers . \$100 each

Conditions Governing Contest:

- 1 Answers limited to 200 words.
- 2 Write on one side of the paper only.
- 3 No entries accepted that bear a postmark later than midnight, March 4, 1931.
- 4 Contest open to everybody except employees and executives of R. J. Reynolds Tobacco Company and their families.
- 5 In case of ties, the full amount of award will be paid to each of the tying parties.
- 6 It is not necessary to buy a package of Camel cigarettes in order to compete. Any store that sells cigarettes will permit you to examine the Camel package containing 20 cigarettes.

All communications must be addressed to Contest Editor—R. J. REYNOLDS TOBACCO COMPANY, Winston-Salem, N. C.

Wednesday Night

Tune in the Camel Hour on N.B.C. Network

9.30 to 10.30 . . . Eastern Time
8.30 to 9.30 . . . Central Time
7.30 to 8.30 . . . Mountain Time
6.30 to 7.30 . . . Pacific Time

Over Stations

WJZ, WBZA, WBZ, WHAM, KDKA, WJR, WCAR, KYW, WLW, WRVA, WSJS, KWK, WJAX, WFLA, WIOD, WREN.

11.15 to 12.15 . . . Eastern Time
10.15 to 11.15 . . . Central Time
9.15 to 10.15 . . . Mountain Time
8.15 to 9.15 . . . Pacific Time

Over Stations

WHAS, WSM, WSB, WMC, WAPL, WJDX, WSMR, KTHS, WNEJ, KSTP, WBOC, WKY, WRAP, KPRC, WOAI, KOA, KSL, KTAH, KGO, KECA, KFSD, KGW, KOMO, KHQ, KPAB.

Judges:

CHARLES DANA GIBSON
Famous Illustrator and
Publisher of "Life"

ROY W. HOWARD
Chairman of the Board,
Scripps Howard Newspapers

RAY LONG
President, International
Magazine Company,
and Editor of "Cosmopolitan"

AND STAFF

Contest open only until MIDNIGHT, MARCH 4, 1931

(Winners will be announced as soon as possible after contest closes)