

THE GEAR

OF THETA TAU



Beta's Seal of Theta Tau

Volume **XXIX**

Number **1**

FALL, 1939

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THETA TAU



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VOLUME XXIX

NUMBER 1

Theta Tau Fraternity

Founded at the University of Minnesota October 15, 1904

FOUNDERS

ERICH J. SCHRADER
W. MURRAY LEWIS

ISAAC B. HANKS
ELVIN L. VINAL

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Carnegie Institute of Technology, Pittsburgh, Pa.
RUSSELL G. GLASS, Sigma '24 *Grand Vice-Regent*
23401 Chardon Road, Euclid, Ohio
ERICH J. SCHRADER, Alpha '05 *Grand Scribe*
Box 244, Reno, Nevada
PROF. JAMISON VAWTER, Zeta '16 *Grand Treasurer*
307 Engineering Hall, University of Illinois, Urbana, Illinois
PROF. DONALD D. CURTIS, Omicron Hon. '19 *Grand Marshal*
Clemson College, South Carolina
R. W. NUSSE *Grand Inner Guard*
5011 S. Benton, Kansas City, Mo.
NORMAN B. AMES *Grand Outer Guard*
8 Westwood Dr., Westmoreland Hills, Md.

DELEGATE AT LARGE

- H. H. HOPKINS, Beta '08 *Past Grand Regent*
1724 W. Fulton St., Chicago, Ill.

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- Central Ohio*—E. E. Knorr, 60½ W. Northwood Ave Columbus Ohio
Chicago—J. B. Finch, 25th and Madison Street, Bellwood, Ill.
Cleveland—R. G. Glass, 23401 Chardon Road, Euclid, Ohio
Intermountain—C. Milton Anderson, P. O. Box 403, Salt Lake City, Utah
Kansas City—Bob Russell, 4706 Broadway, Kansas City, Mo.
National Capitol—Alan M. Staubly, 730 Quebec Place, NW, Washington, D. C.
Southwestern—John F. Rauscher, Tucson Water Dept., Tucson, Ariz.
St. Louis—H. R. Kilpatrick, 216 Elm Ave., Glendale, Mo. (c/o Kirkwood P.O.)
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Chapters

- ALPHA, *Founded October 15, 1904* - - - - University of Minnesota
(Chapter house) 324 Walnut St., S. E., Minneapolis, Minn.
- BETA, *Established March 26, 1906* - Michigan College of Mining and Tech.
(Chapter house) 233 College Ave., Houghton, Mich.
- GAMMA, *Established November 8, 1907* - - - Colorado School of Mines
c/o Prof. M. I. Signer, Colo. School of Mines, Golden, Colo.
- DELTA, *Established May 23, 1911* - - - Case School of Applied Science
Theta Tau Box, Case School of Applied Science, Cleveland, Ohio
- EPSILON, *Established May 4, 1911* - - - - University of California
Box, Hearst Mining Bldg., University of California, Berkeley, Calif.
- ZETA, *Established April 17, 1912* - - - - University of Kansas
(Chapter house) 1140 Louisiana St., Lawrence, Kansas
- THETA, *Established May 26, 1914* - - - - Columbia University
c/o Prof. A. D. Hinckley, Eng. Bldg., Columbia University, New York City
- IOTA, *Established February 5, 1916* - - - - Missouri School of Mines
Theta Tau Box, Missouri School of Mines & Metallurgy, Rolla, Mo.
- KAPPA, *Established March 25, 1916* - - - - University of Illinois
c/o Prof. Jamison Vawter, 307 Eng. Hall, Urbana, Ill.
- LAMBDA, *Established April 29, 1920* - - - - University of Utah
Theta Tau Fraternity, Union Building, Salt Lake City, Utah
- MU, *Established January 3, 1922* - - - - University of Alabama
c/o Prof. Fred R. Maxwell, College of Eng., University, Alabama
- NU, *Established January 1, 1922* - - Carnegie Institute of Technology
P. O. Box 114, Carnegie Institute of Technology, Pittsburgh, Pa.
- OMICRON, *Established February 3, 1923* - - - - University of Iowa
(Chapter house) 804 North Dubuque Street, Iowa City, Iowa
- PI, *Established May 26, 1923* - - - - University of Virginia
(Chapter house) R. F. D. No. 3, Charlottesville, Virginia
- RHO, *Established February 16, 1924* - N. C. State College of Ag. and Eng.
P. O. Box 5325, State College Station, Raleigh, N. C.
- SIGMA, *Established November 29, 1924* - - - - Ohio State University
(Chapter house) 1965 Indianola Ave., Columbus, Ohio
- TAU, *Established December 12, 1925* - - - - Syracuse University
c/o Prof. E. F. Berry, College of Applied Science, Syracuse, New York
- UPSILON, *Established April 7, 1928* - - - - University of Arkansas
216 Eng. Bldg., U. of Ark., Fayetteville, Arkansas
- PHI, *Established April 21, 1928* - - - - Purdue University
(Chapter house) 416 N. Main St., West Lafayette, Ind.
- CHI, *Established April 23, 1930* - - - - University of Arizona
Theta Tau Box, Engineering Bldg., University of Arizona, Tucson, Ariz.
- PSI, *Established May 7, 1932* - - - - Montana School of Mines
Theta Tau Fraternity, Care of Montana School of Mines, Butte, Montana
- OMEGA, *Established March 26, 1932* - - - - S. Dakota School of Mines
(Chapter house) 107 Kansas City St., Rapid City, South Dakota
- GAMMA BETA, *Established March 16, 1935* - George Washington University
c/o Dean of School of Engineering, George Washington University,
Washington, D. C.
- DELTA BETA, *Established May 20, 1939* - - University of Louisville
(Chapter house) 2022 S. Second St., Louisville, Ky.

14th BIENNIAL CONVENTION

CHICAGO

**December
28 - 29 - 30**

LA SALLE HOTEL

End the old year with the good fellowship
and inspiration of a national Theta Tau
convention.

Delta Beta Installation

Installation of Delta Beta chapter was conducted on May 20, 1939. Grand Regent Daniels, Grand Vice-Regent Glass and Grand Marshal Curtis were present and acted in their official capacities. At a preliminary meeting Grand Outer Guard Ames was appointed to act as Grand Scribe, G. H. Harding, Sigma '26, as Grand Inner Guard and J. M. Roberts, Pi '26, as Grand Outer Guard.

A special meeting of Delta Beta chapter was then held by the Grand

"Brother Toastmaster, Guests, and Members of Theta Tau.

"It is a distinct pleasure to be present and aid in the installation of Delta Beta Chapter of Theta Tau. My term of office as Grand Regent of your fraternity has been one of the most pleasant periods in my 18 years of associating with young men, and I feel that this meeting is a fitting climax to one of my most enjoyable years in Theta Tau.

"The question of advantages in



Daniels, Glass, Ames, Curtis



Harding, Sigma; Roberts, Pi

Officers for the purpose of initiating the fifteen members of the chapter and Professor W. B. Wendt as an honorary member.

At the initiation dinner, Grand Marshal Curtis presented the new chapter with candlesticks; a plaque, sent by Pi chapter, was also presented. Congratulatory messages were received from past and present members of the Executive Council and from most of the chapters and alumni associations. Grand Regent Daniels gave the principal address of the evening. This address is of such general interest to the entire fraternity that the major portion is here presented to the readers of *THE GEAR*.

Theta Tau has no doubt been discussed thoroughly by the members of Alpha Pi. What does Theta Tau have to offer that will be of benefit to the University and to the members of Alpha Pi. Many of the values to be obtained are intangible, such as your associations not only with your own members but with the members of other chapters. Speaking for the Executive Council, I can assure you that your delegates to the biennial conventions will report back to you the sincere earnestness with which these officers are developing and maintaining a high standard of professional interest among the members and the strong bond of fraternal fellowship which

exists in Theta Tau, not for any personal gain but because it affords a great opportunity to be of service to each other as professional men. Character building comes from personal contact with men of character who interest themselves in young men and who through their daily living set examples for these men. It comes also through association with fellow students of character, and Delta Beta has shown a wealth of character in its membership.



Hummel, Crim, Smithson, of Delta Beta

"In some institutions there are too many students who are not connected with any organization. This often leads to discontent, and indifference. Young people need opportunities for making close friendships, opportunities to work unselfishly for an organization with high ideals, opportunities to take pride in an undertaking that is larger than oneself. I feel confident that Theta Tau offers these opportunities to you. As Alpha Pi you had only your small group to assist you. As Delta Beta of Theta Tau you have not

only the co-operation of these men, but also the force of a national organization of 7,000 members scattered from one end of the country to the other, keenly interested in your welfare. Your national fraternity will give you supervision, guidance, and encouragement. Do not think for one minute that your national fraternity affiliation is limited to the men of your own chapter or to the men of your own fraternity? In 1928, Theta Tau was one of twenty-seven national professional fraternities which accepted the invitation of the conference of law fraternities and participated in a preparatory conference. Our Grand Treasurer Jamison Vawter has been quite active in the P. I. C. and at the present time, our Past Grand Regent H. H. Hopkins is a member of the Executive Committee. Briefly the purposes of the P. I. C. to which you now belong are as follows:

1. To work in harmony and co-operation with universities in the attainment of educational ideals, in the promotion of high professional ethics, and in the advancement of scholastic excellence.
2. To promote a spirit of comity, understanding, and co-operation between all college fraternities, and to work in harmony with them in an endeavor to provide constructive solutions of the problems involving their relationship and co-operation.
3. To promote the observance of high ideals and ethics on the part of professional fraternities and to assist in the establishment and observance of high standards on the part of their individual chapters.
4. To assist the professional fraternity to prove of value and benefit to its individual members and through this means aid the indivi-

dual member to attain a full measure of professional success.

5. To clarify the distinction between the professional, the general, and the honorary fraternity, thereby assisting each type of organization to perform more fully and effectively its particular function in our system of university education.

6. To aid, improve, and strengthen the professional fraternity.

"What are the benefits to be derived from professional fraternities? A college career is a great opportunity in itself, but the benefits to be derived will depend entirely upon what use the individual makes of it. College influences will prove important factors in making him the kind of man he will become and in determining his future. A professional fraternity will stimulate his interest in his college; provide him with friends, supply him with business training and executive experience; aid to develop poise, initiative, tact, and judgment. A professional fraternity provides all of the advantages of fraternal affiliation, yet offers the unusual benefits which necessarily follow when membership is limited to men who have chosen the same profession for their life work. The professional fraternity member has the distinct advantage of valuable contact and friendship with men whose training is identical with his and who can do much to inspire his professional interest and to further his advancement. One of the most valuable services of the professional fraternity is that it provides a life-long association with men who are engaged in the same field of endeavor. It renders benefits to its members throughout life in the form of valuable friendship and professional and social contacts.

"Now what does Theta Tau expect

from you? An organization is successful only when it has fixed objectives and strives diligently to obtain the goal which it has established for itself. Any student organization regardless of its classification must do two things in order to justify its existence on any campus. Primarily it must be of service to the college and secondly it must be of benefit or render service to its members.

"At the outset, we must recognize the fact that every chapter activity must have as its basis a sincere effort to co-operate with the school in the education of young men, who through proper stimulation of their mental activities will emerge with a broader



Phi delegation

knowledge and sense of their responsibilities to society. . . . Furthermore, it would seem altogether fitting and proper that chapter programs should contain, somewhere in their makeup, provision for encouraging the most profitable use of leisure. With shorter work weeks and shorter work days, more time for leisure becomes available. Students must be taught to realize that continued self-development should find a place in his leisure hours, along with the time spent in recreation and self-enjoyment.

Professional fraternities must guard against certain dangers:

(1) There is a tendency to be-

come purely social fraternities with no professional standards.

(2) There may be a tendency to have a chapter assume the status of a lecture bureau.

(3) There may be a tendency for a chapter to become purely an honor society.

"DO NOT LET YOUR CHAPTER FOLLOW ANY ONE OF THESE NARROW PATHS. . . .

Endeavor to have friendly, pleasant relations with every member of your group. Above all learn to get along with others. If you are a good fellow to live with, you must have some of that hard-to-define, intangible quality called personality. The importance of promptly discharging financial obligations cannot be stressed too strongly. Give enthusiastic support to all of the worthwhile projects of the fraternity.

"Theta Tau is not a wealthy fraternity as far as the executive organization is concerned. No financial assistance other than your initiation fee and yearly dues, including life subscription to THE GEAR, is demanded by the Council. It is readily seen that under such a plan no great amount of

capital can be accumulated at any time. The budget for this biennium is apportioned as follows:

Biennial convention	39%
Chapter Visitations and regional conferences	31%
Salaries	10%
Administration expenses	11%
Insurance P. I. C. participation	1%
For Directory	8%

. . . "Remember that true friendship can take a lot of punishment, but when it is smashed, it cannot be patched together again.

"We must have some professional activity while in college and should be of practical service to each other as alumni. . . . We cannot keep our high standards unless you yourselves determine that your chapter above all others shall exemplify the policy of Theta Tau and be an outstanding unit in the fraternity.

"Kipling must have been thinking of fraternities when he wrote:

*'It ain't the individual
Nor the army as a whole
But the everlasting teamwork
Of every bloomin' soul.'*"

Clifford Hoag Transfers to West Africa

Clifford Hoag, Beta '13, who for the past 13 years has held the position of superintendent of the American Metal Company at Tererro, New Mexico, sailed recently for West Africa to take up his duties as assistant manager of the Ashanti Goldfields Corporation Ltd., at Obuasi, Gold Coast, West Africa. The American Metal Company discontinued operations at Tererro May 31, 1939, when copper ore deposits decreased to the point

where it was no longer considered possible to mine at a profit.

Brother Hoag is a graduate of the Michigan College of Mines, and has been associated with a number of mining companies in the southwest and Mexico, among which are the Old Dominion Copper Company, Shannon Copper Company, Miami Copper Company, all of Arizona, and the Mexican Corporation, Mexico.

Regional Meeting Held at Alpha

On April 8 - 9, 1939, a Regional Meeting of Theta Tau, including chapters Alpha, Beta, Omicron, and Omega, was held at Minneapolis, Minnesota, with Alpha Chapter acting as host.

The program for this conference, which had been previously sent to participating chapters, and which was prepared by Brother Glass, who had originally been scheduled to conduct the meeting, was followed throughout the conference.

A meeting was conducted the afternoon of April 8th by Brothers Hopkins, L. F. Duggan (Chapter Adviser of Beta) and J. W. Skovholt for treasurers, assistant treasurers, house managers, and stewards, while Brother J. M. Daniels conducted a general meeting covering:

The Chapter	Omicron
Chapter Advisers	Omega
Executive Council	Alpha
Meetings	Omega
Initiation	Alpha
Alumni	Beta

After the above subjects had been discussed, the Treasurer's group joined the general session and Brother Hopkins briefly summarized the discussions of the Treasurer's meeting. Following this discussion, the general meeting continued with discussion covering:

Pledge Problems	Alpha
Delinquent Accounts	Beta
Chapter Activities	Omicron
Chapter Records	Omicron

The subjects covered in this general session were assigned to the various delegates and they prepared a paper on the topics. Discussion on the topics

followed each report. A record of the discussions was made.

The meeting was turned back to the Alpha Regent and closed in regular form.

The banquet was held the evening of April 8th in the Center for Continuation Study Building on the Minnesota campus for 68 members. Paul Cummings, Regent of Alpha, acted as Toastmaster. After dinner talks were given by:

Tom Watson, Regent of Beta
Fred Kubias, Regent of Omicron
Malford Gilbrough, Regent of Omega
Bud Walling, Past Grand Treasurer
L. F. Duggan, Beta Adviser
J. W. Skovholt, Alpha Adviser
R. M. Hansen, Twin City Alumni Association
Past Grand Regent Hopkins
Grand Regent Daniels

The chapel in the Continuation Study Building was used, after the dinner, for the initiation, which was conducted in a very impressive manner by the officers of Alpha Chapter.

Sunday, April 9th, was devoted to individual conferences with the Executive Council members and visiting chapters, at the Alpha chapter house.

A total of 31 visiting delegates attended the Regional meeting:

Executive Council	2
Chapter Advisers	2
Beta delegates	9
Omicron delegates	9
Omega delegates	9

Alpha Chapter Participation:

Alpha Actives	19
Alpha Pledges	5
Alpha Alumni	14

This conference did much to promote the interests of the fraternity and meant much, especially to Beta

and Omega, who have had no contact with other chapters or the Executive Council for some time.

Impressions of the Delegates

ROBERT H. LUBKER, Omega

As a member of Omega Chapter's nine man delegation to the regional convention in Minneapolis, I know that I can vouch for the group in pronouncing the convention as being highly successful. Everyone left deeply impressed with the many friendships they made and with the national strength of Theta Tau. Brother Cummings and the men of Alpha were splendid hosts and deserve the thanks of every delegate.

The informal meetings were a source of many ideas for chapter betterment. I was particularly interested in the discussions dealing with ways in which the various chapters handled their finances. To me, the greatest value that I received from the convention was in grasping the idea that graduation from school does not mean "goodbye" to Theta Tau. This is truly exemplified by the manner in which Brothers Daniels and Hopkins still serve the fraternity. It was most gratifying to meet the fine men directing Theta Tau and the swell bunch of brothers from the other chapters. Brother Davis voiced this opinion when he said, "How much better it was to enjoy Minneapolis in company with such a group."

As the trip was my first visit to Minneapolis I greatly enjoyed seeing the city. My thanks go to Brother Storberg for kindly showing us some of the outstanding "night spots", and to Brother Lischeid for his fatherly vigilance at the Minneapolis Gayety.

Omega Chapter sends its greetings to all chapters and is looking forward to a visit from Brother Hopkins in May.

WILBUR RAND, Omega Chapter

Eight brothers and myself just returned from the Regional Convention held at Alpha Chapter. Being a new member in Theta Tau, this was my first convention and all I have to say is: There is nothing finer. When we drove up in front of the Alpha Chapter house it was just like returning home after having been away for a long time; from the moment we were greeted at the door we enjoyed ourselves very much.

We had the pleasure of getting acquainted with many of our brothers from Beta, Omicron, and Alpha chapters. It was indeed a pleasure to become acquainted with Brother Daniels and Brother Hopkins.

A great deal was learned from the meetings and we intend to execute, in our chapter, some of the good points learned at this meeting. Many ideas which were not fully understood were ironed out and we are sure this will benefit our chapter.

One of the things that particularly interested me was to learn that our brotherhood relations do not die after leaving college. The banquet and meeting in the evening brought out this fact since there were a great many alumni present.

We hope it will be possible for these

conventions to be continued each year as they are not only beneficial to the members who attend but to the chapter as a whole.

We also wish to thank the Alpha Chapter for making the convention a success.

TOM A. WATSON, Regent,
Beta Chapter

At Brother Daniels' suggestion I am writing some of our impressions of the regional convention held at Minneapolis.

The delegation from Beta chapter consisted of Brothers Eklund, Carson, Watson, Moberg, Olson, Krohn, Martin, Kievit, pledge Wivell and our faculty advisor, Brother Duggan. We left the frozen north in a blinding snow storm at 6:30 Friday morning. The weather improved as we progressed so that after the first 75 miles we enjoyed good weather and fair roads for this time of year. "Cannon ball" Martin made the trip in an hour less than we conservatives in the other car, arriving in Minneapolis about three in the afternoon. We were all well received by our genial hosts at Alpha and made to feel very much at home. After registering and finding rooms we had dinner, then the preparations were made for a large evening on our first night in Minneapolis. Friday night was an important evening in the lives of the Beta delegation. We don't get to town very often so when we do we make the most of it. Many hidden talents were discovered among our delegates, some of which probably shouldn't have been encouraged. A few became jitterbugs when first exposed, but some of the others didn't let themselves go until Saturday night. Just how long it will

take some of the brothers to readjust themselves to the quiet and conservative atmosphere of the north woods is yet unpredictable.

The business part of the convention was a definite advantage to all concerned. Many of our common problems were ironed out and a great deal was learned concerning the functions of the fraternity. Being rather isolated we sometimes forget that we are a part of a national fraternity; and it takes just such things as a convention of this sort to bring us to realize the actualities again. I am sure that every man from Beta chapter who attended the convention is now a better Theta Tau and the rest of the chapter is going to benefit from the ideas and stories brought back.

Beta took advantage of the opportunity afforded by the regional convention and submitted a bid for the national convention next year. We hope it will be looked upon with favor and sincerely hope to see you all in Houghton next year.

Our only regret is that the convention was too short and are sorry that the entire chapter could not attend and obtain the benefits of the meeting.

In behalf of the delegation from Beta chapter I wish to extend our hearty thanks to Alpha chapter for a very fine time and to commend them for their efforts in making the convention a huge success.

PAUL CUMMINGS, Regent,
Alpha Chapter

Johnny May sort of liked that two for a quarter deal at Crombie's. At that, Old Man Moe didn't consider he lost money on the deal as Johnny figured the walk was worth something extra.

Seems that Louis Grimm could have shown those University of Chicago Profs who lived in a Kentucky cave for a month to test man's adaptability to change in daily routine that it could be done. Louis looked as though a couple toothpicks under the eyes wouldn't have hurt him in the daytime but at night the props certainly weren't needed.

At last reports Uncle Sam is still looking forward to his fishing trip to the Black Hills as a guest of Omega. All he needs now is the license fee.

Theta Tau members sincerely thank the Delta Delta Delta chapter of the University of Minnesota for supplying dates for some of the boys Friday evening.

Many members of Alpha were sorry that Johnny Green, Kelly Paul and Ron Campbell of Beta were not at the conference. We hear that it doesn't pay to rush too fast for a beer barrel. What say, Kelly?

Tom Watson's shagging at Curley's was a show well worth the chips.

Woodle was impressed by Lischied's ability to count the boys as they filed

on and off the street cars.

The opera glasses were passed often between Johnson, Troxell, Davis and Rand as they surveyed the situation at the Gayety.

Fred Kubias is a man with good hard common sense. He went home and went to bed. Cummings envied him.

Rand's car will hold eleven for short periods of time but things are a little on the intimate side when that happens.

Gilbrough's feather is still wondering what happened to "that cute red-headed boy."

Those boys over at Larson's apartment were pretty nice, being in bed at twelve, which is unusual for Omicron.

Vic Koelzer from Zeta received a shock Sunday morning when he poured milk in his breakfast food and breathing upon it caused curdling.

Beta showed us how a chapter should be run to be on top. They certainly have an up-an'-coming bunch of men down there.

Storberg is still a bit sleepy from his walk home.

Chief Buehler Honored

To be honored by a civic organization indicates that someone has accomplished something unusual and worthwhile, and Brother H. A. Buehler,



Honorary Iota, is no exception.

Dr. Buehler, affectionately known as "Chief" by Rolla, Missouri, citizens and Iota Chapter, has been reappointed as State Geologist, which in itself is reason enough for congratulations; however the Rolla Chamber of Commerce dinner was a celebration of more than just a reappointment, for Dr. Buehler now begins his thirty-first year as State Geologist. In doing honor to the "Chief" the Chamber was joined by the Rotary and Lions Clubs and a representation of Iota Chapter.

Our hats off to you "Chief"! Theta Tau extends her heartiest congratulations and wishes for continued success.

Grand Regent Daniels Accepts New Position at Carnegie Tech

Grand Regent J. M. Daniels, an assistant professor of civil engineering at Carnegie Institute of Technology was appointed examiner for the Institute in May to fill the vacancy caused by the death of Dr. Barto.



Grand Regent Daniels

Brother Daniels has already assumed his new work and in conjunction with his duties as examiner he will be chairman of the admissions committee and a member of the committee on scholarships, grants and prizes. He will also examine all scholastic records of incoming freshmen and transfer students.

Grand Regent Daniels is a native of Freeport, Pennsylvania. He attended Kiski Preparatory School, the University of Pennsylvania and the University of Pittsburgh, receiving his Bachelor of Science degree in civil engineering from the latter in 1922. Immediately after receiving his degree he joined the staff of the Carnegie Institute of Technology and in 1929 was promoted to an assistant professorship.

In addition to his teaching work, Brother Daniels has worked for the American City Engineering Company and the Pennsylvania Railroad Company. During his connection with Carnegie he has been active in research, having worked on projects for the National Safety Council, the Pittsburgh Plate Glass Company and the Westinghouse Electric and Manufacturing Company of Pittsburgh.

Tickell Revises His

"Examination of Fragmental Rocks"

Frederick G. Tickell, Epsilon '12, recently revised his book, "The Examination of Fragmental Rocks" which was published in 1931, in order to include descriptions of new technique

and apparatus for the determination of porosity and permeability. Except for the chapter in which these physical properties are discussed, the second edition is similar to the first edition.

Alumni Observe Founders' Day in South America

In a letter addressed to Brother Erich Schrader, a group of Theta Taus in South America recount a Founders' Day dinner celebration and the idea which grew as a result of their get-together.

"Theta Tau greetings from South America.

"Perhaps for the first time, H & T activities are finding a place in a foreign country. This bit of activity resulted from a dinner party in celebration of the annual Founders' Day anniversary. Having discovered that a number of Theta Taus were present in the mining camp of the Braden Copper Co., Sewell, Chile, several energetic members got together, tracked down all of the Theta Taus available in camp and after a slight pro and con discussion, a tentative get-together and dinner was planned for October 15th. In spite of a few disappointing set-backs, our efforts were rewarded with seven of the ten alumni members of our fraternity enjoying a very excellent dinner and a round-table bull session here in Sewell at the company's Teniente Club House.

"During the after dinner meeting, suggestions were made concerning the prospects of forming a foreign alumni chapter. However, no one could remember the steps taken in the formation of an alumni chapter . . . so we are waiting word from national headquarters as to correct procedure. We find that there are a large number of Theta Taus, scattered throughout Chile, Peru, Ecuador and Columbia, whom we think might be interested in joining us in forming a foreign alumni organization. This of course may be impossible, and if so, as an alternative, someone suggested that some sort of a correspondence organization might be formed through which we could exchange information about, and pictures of the respective places where we are located and working. This idea could be developed, it is believed, into an interesting and instructive project. Also, the best material obtained could be gathered together and sent to THE GEAR for publication. We believe that our group of alumni here is the largest gathering of Theta Taus in South America and, if so, per-



South American Alumni group: H. L. Young, Gamma '39; G. S. Fay, Psi '39; D. Muckler, Omega '36; W. K. Carey, Omega '36; C. L. Beckstrom, Psi '38; G. C. Johnston, Psi '36; F. E. Thackwell, Lambda '28.

haps could act as a center of activity. This group is well backed with men who have had several years experience in South America, consisting of Carey, Omega; Johnston, Psi; Thackwell, Lambda; and a goodly representation of new men who are just starting three year contracts. These men are Fay, Psi; Young, Gamma; Muckler, Omega;

Beckstrom, Psi. Others are Petersen, Gamma; Beinhorn, Epsilon; W. Klugescheid, Theta.

"A great deal of interest and enthusiasm was shown at our little gathering, and we enclose a picture of the group who attended the dinner party.

CHARLES L. BECKSTROM, Psi '38"

Val De Camp, Gamma '08 Honored at Los Angeles

If it is really true that, "variety is the spice of life" we are safe in saying Brother Val De Camp, Gamma '08, ranks right up front with the "spicy lifers" for his life is most certainly varied.

Having long been recognized as an authority in handling labor of all nationalities (plenty of variety right there) and as a consultant on widely diversified engineering problems, both in this country and abroad, we spot him in Oruro, Bolivia, the General Manager of the Hochschild Mining Interests, a \$30,000,000 corporation employing from 13,000 to 14,000 people. During the past three years Brother De Camp has been occupied by a complete reorganization of the staffs on the various mines, to say nothing of changing mining methods, constructing reduction plants and power plants.

Just to give an idea of what Brother De Camp "manages", the properties under control of the Hochschild Interests, from lead silver mines of 1000 tons daily capacity to tin mines of 1500 tons capacity, yields a yearly shipping figure upwards to 200,000 tons of concentrates. And to add to these astounding facts, most of the corporation's operations are conducted



at elevations of 12,000 to 14,000 feet.

Only this past summer De Camp found time to "snatch" a vacation and, traveling by way of Europe, finally arrived in the States where he renewed acquaintances around the old "haunts" which, no doubt, brought to his mind once more the days spent constructing and operating gold plants in California and Nevada, the 12 years spent successively holding positions from general foreman to general manager of the United Verde Copper Co., of Jerome, Arizona, and his school days at Colorado School of Mines and Columbia University.

Naturally there was a get-to-gether.

The Mining Association of the Southwest gave a dinner in Los Angeles with Brother De Camp, as guest of honor, giving the principal address of the evening. His experiences served him well on this occasion for he told of the early history of mining in the Potosi district adjacent to storied La

Pax, leading up to the present day and discussing modern mining methods both above and below ground. He told of native manners and customs and gave interesting narratives of one of the world's richest and most interesting regions.

Delta Chapter Orientation Program Highly Successful

"What are you going to do after graduation?" is one of the hardest questions a college senior has to answer today. Because of their limited knowledge of the types of work open to them in business and in industry, most seniors are unable to answer this important question.

To overcome this difficulty, the Case members of Theta Tau, in cooperation with Mr. J. J. More, college placement director, have sponsored a series of talks by prominent industrialists for the past two years. The success of the past two seasons assures the continuation of the program and the committee under the direction of Donald Horsburgh is now making plans for this year's series.

The purpose of the talks is to give the seniors some concrete information on the various branches of engineering activity so that they will be able to make an intelligent decision about a job when the time comes. During the past two years talks have been given on such subjects as sales engineering, consulting engineering, industrial management, personnel administration, engineering design, research, public service engineering and production engineering. Each lecture is followed by a lively question and answer period and the popularity of the series is indicated by the large attendance of junior and sophomore students. In

every case an attempt has been made to secure a speaker who is recognized as an authority in his own field. He is then asked to tell the seniors the type of work which he is doing, the qualifications necessary for success in the particular field, and the possibilities for advancement in both rank and salary. He is not asked to tell the seniors how to get a specific job nor to comment on the job possibilities with the company which he represents. Frequently speakers have differed on the basic qualifications needed by the young engineer and the effect is not lost on the students who soon come to realize that getting a job is after all a very personal matter between two people—the employer and the applicant.

The purpose of the series is accomplished when the student feels that he has definitely found the type of work which appeals to him and when he can defend his choice under the cross examination of an experienced personnel director. The remarks made by both students and personnel representatives attest to the helpfulness of the talks and it is felt that at least a few of the Case seniors can now answer the question, "What are you going to do after graduation?"

As an added feature of the talks, the college administration sponsors a small luncheon for the speaker, a fac-

ulty member, the placement director and five members of Theta Tau, following the talk. To many of the members this has been the most interesting part of the program for it gives

them an opportunity to meet industrial leaders on an informal basis and ask their advice and suggestions on employment problems.

Forrester, Lambda '28, Wastes No Time

Who says a young fellow can't get ahead? Anyhow, it isn't so and Brother J. D. Forrester, Lambda, is our example to prove this stand. He is young (graduated in just '28 with a B.S. degree in Geological Engineering from the University of Utah) and he certainly has "gone places" in a cyclonic manner.

After doing graduate work and acting as assistant in geology for a year at Cornell University, his first opportunity for employment came from the Anaconda Copper Mining Company at Butte, Montana, as stope geologist. This work afforded him good training and experience in the technique of note taking and offered the opportunity for developing ability to visualize and analyze geologic structures in a three dimensional manner.

An appointment as Eleanor Tatum Long Scholar in Structural Geology at the Graduate School of Cornell University ended his work with Anaconda in 1933. The appointment was for two years and during the first year Forrester did field and research work on the largest east-west trending mountain range in the western hemisphere—the Uinta Mountains. Just before starting the second year of his appointment, opportunity knocked, and Brother Forrester accepted a position as instructor of Economic Geology and of Engineering Geology in lieu of the second year of the Scholarship. He completed his graduate work for a Ph.D. in 1935 from Cornell Univer-



sity, at which time he again accepted an offer from the Anaconda Copper Company and kept busy making field examinations on a wide range of metalliferous and nonmetalliferous mineral deposits in the western states from New Mexico to northern Montana.

Only recently Brother Forrester resigned as geologist for Anaconda to become head of the geological department at the University of Idaho, Moscow.

Besides being a member of Theta Tau, Brother Forrester is a member of the American Institute of Mining and Metallurgical Engineers, Society of Economic Geologists, Society of Sigma Xi and Pi Kappa Alpha fraternity.

Cook, I '34 Appointed Research Professor at Montana S. M.

We expect to find a youth of fourteen, drifting around in high school adolescence; however, if we had been trying to locate S. R. B. Cooke at that age we would have had to search through the attendance records of the Thames School of Mines, New Zealand, for believe it or not—Brother Cooke was being exposed to engineering learning at the early age of fourteen. This early start may account for his many degrees in the field of metallurgy and for his recent appointment to the Montana School of Mines as research professor.

Brother Cooke, Iota '34, a native of New Zealand, after leaving the Thames School of Mines, spent some time studying metallurgical and mining operations in Australia and New Zealand, before leaving for Canada on a scholarship awarded by the Institute of Mining and Metallurgy of London. He entered the United States in 1929 to accept a research fellowship at

Missouri School of Mines and Metallurgy, Rolla, Missouri, and received his master's degree in Metallurgy. Later, having been awarded a teaching fellowship at Carnegie Institute of Technology, he continued his graduate studies in ferrous metallurgy and returned to Rolla in 1931 as a graduate student. While pursuing his graduate studies at Rolla he was a member of the State Mining Experiment Station, working in co-operation with the U. S. Bureau of Mines, Mississippi Valley Experiment Station, in iron ore research. After receiving his doctorate from the University of Missouri he indicated his intention of becoming a citizen of the United States.

Three years ago he was appointed assistant professor of metallurgy and ore dressing at the Missouri School of Mines and Metallurgy, a position which he has just resigned to take over the new appointment of research professor at Montana School of Mines.

L. C. Uren Writes Book on Petroleum Production

Professor Lester C. Uren, Epsilon '11, of the University of California, recognized as a world authority on petroleum, has a new book just off the press which is a companion volume to his "Petroleum Production Engineering (Development)". It is divided into 12 chapters with the first part of the book dealing with analyses of reservoir conditions and factors which affect the removal of oil from the reservoir. Three chapters contain important material concerning oil wells as they proceed from the flowing through the pumping stages. They show reasons for and methods of controlling flowing wells in order to secure

maximum flowing life; also artificial methods and mechanical equipment essential for lifting oil are considered in detail.

There is an excellent chapter on the separation of oil from gas and the removal of emulsion and water in preparing the oil for marketing. The book also devotes space to the gathering and storage, gauging, sampling and testing of oil and gas.

The book is generously illustrated by charts, drawings, and photographs of oil field equipment. The author has carefully planned the contents of the book so that it will enable the student of petroleum engineering to

gain a proper and easily understood perspective of the petroleum industry, and a knowledge of its terminology, equipment and methods. Also, it may serve as a guide to the literature of the field, which has been greatly expanded since the publication of "Petroleum Production Engineering" some fifteen

years ago. Brother Uren's style of writing is not unduly technical so it would appear that the book also would be helpful to executives, investors, operators, technologists and others interested in the field of petroleum engineering.

Letters

1519 W. 14 St.
Wilmington, Del.

Dear Brother Howe:

I fear I am quite tardy in submitting for your records my change of address. I left my home town of Louisville, Ky., on June 7, the day after graduation, and began work on June 12 at the Experimental Station of Du Pont's Ammonia Division. On the way here I stopped off in Washington with a friend to see America's most beautiful city, and never before enjoyed a three-day vacation so much. I particularly enjoyed Brother Ames' hospitality, who took my friend and me to the George Washington University Alumni Ball, where I was happy to get to know several of the brothers from Gamma Beta.

Yours in H & T,
THOS. H. CRIM, JR., Delta Beta '39

If that "friend" was not feminine, we trust you also met some of the sisters.

511 Seventeenth Street
University Post Office
Charlottesville, Virginia
November 18, 1939

Dear Brothers Mercer and Howe:

Last month, October 12, 13, and 14, the thirty-eighth national convention of Tau Beta Pi was held at the University of Missouri and I was lucky enough to be the delegate from the Virginia Alpha chapter at the University of Virginia. Although there is no Theta Tau chapter at the University of Missouri, I kept my eyes open for Theta Taus from the other schools represented and, sure enough, they were there.

All told, there were eight of us but we could round up only six of our number when the various group pictures were taken. Nevertheless, I am sending the Theta Tau picture to you. . . . Also present but not in the picture were: William Wersen, Mu, University

of Alabama, and E. L. Olcott, Iota, Missouri School of Mines.

Brother Liversidge seems to get around quite a lot—we met last year at the Eastern Regional Conference of Theta Tau held here at Pi.

The boys at Missouri did a fine job of entertaining us while we were there. The usual business sessions occupied most of each morning and afternoon but a lot of fun and social activity was squeezed into the program. There was a barbecue, a tea dance, a formal dance and banquets and more banquets. At the final banquet, the speaker was Dexter S. Kimball, Dean-emeritus of Engineering at Cornell University.

The Convention was more than a success and I think that each delegate returned to his chapter with renewed enthusiasm to carry out the work of Tau Beta Pi. To say that everyone had a wonderful time is the height of understatement.

Yours in H and T,
JERRY L. THOMAS, JR., Pi '40



Theta Taus at Tau Beta Pi Convention:
Thomas, Pi; Guernsey, Theta; Liversidge, Nu;
Fink, Xi; Bonza, Lambda; Bolz, Delta.

Thanks for the interesting picture, Brother Thomas. These Theta Taus can be found everywhere you go.

Balboa, Canal Zone
Box 665
September 17, 1939

1505 Shell Building
Houston, Texas

Dear Brothers:

I am now in the Panama Canal service and consequently should like to have my mailing address changed so that I may keep up with the activities of Theta Tau.

It seems that there are a good many Theta Taus in foreign service and I am wondering if there are any here at the zone. So far, I haven't seen any of them.

I certainly enjoyed "A Tribute to Engineers" by Boake Carter in the Fall 1938 issue of THE GEAR. Also Brother Coats' write-up about Alaska although I do not envy him in the winter.

Yours in H & T,
CARL D. DELAMAR, Rho '37

The new directory lists 6 H & T men in the canal zone, Brother Delamar: W. H. Dunlop (Iota), W. R. Turner (Chi), W. F. Zweig (Phi), F. A. Lopez (Omicron), R. J. Lopez (Omicron), and G. F. Novey, Jr. (Pi). (There are still some directories available at \$1.50 per copy).

Dear Brothers:

Am enclosing my address as I am anticipating receiving my copy of THE GEAR at the earliest possible time.

I am traveling as a sales engineer for Owens Corning Fiberglas Corporation in the states of Ohio, Indiana, Kentucky and Tennessee. If any of the brothers located in these states will drop me a line I will be more than happy to call on them (not from a professional standpoint of course!) when in their immediate vicinity.

Will you convey my regards to Russ Glass, H. H. Hopkins, Daniels, Vawter and all those with whom I had the pleasure of working when I served as Regent of good old Sigma Chapter.

With best wishes for a most successful year, I am

Yours in H & T,
R. G. DERRENERGER, Sigma '39
Owens Corning Fiberglas Corp.,
431 Dixie Terminal Bldg.,
Cincinnati, Ohio

Glad to have you on our mailing list Brother Derrenberger. Why don't you drop in on the Biennial Convention and renew acquaintances?

Dear Brothers:

Was very pleased to receive my copy of the new Theta Tau directory today. It certainly is a complete index of the brothers, and I certainly am glad to have a copy. I regret to say however that I have never received a Fall 1937, Fall 1938 or Spring 1939 copy of THE GEAR. This is probably due to the fact that I have lived at twenty-four different places since graduation.

After completing the test course of the General Electric Company, I was placed with the Mott-Smith corporation of Houston, Texas, as a gravity meter operator with a geophysical exploration party. For the past year I have been "doodlebugging" in Texas, Louisiana, Illinois, Arkansas and Oklahoma.

Thanks again for a swell directory.

In H & T,
CHARLES W. FLORING, Tau '37

Thanks for the kind words, Brother Floring. We are glad you haven't been inconvenienced by some of the errors that sneaked into the directory. If you can "stay put" a little better maybe THE GEAR can catch up with you.

Symons Building
Spokane, Washington
October 9, 1939

Dear Brother Howe:

Upon my return yesterday from a three weeks trip through Idaho, I found your letter of September 25th relative to an article in the forthcoming issue of THE GEAR.

While there are probably things that I have been doing in recent years that might have some interest for the underclassmen, I am not so certain about it. In any event it will be impossible for me to prepare anything between now and November 1st. At this time I am rushing around the country trying to see properties and prospects before the winter cuts me off, and "the bird is on the wing".

I would enjoy co-operating with you in any way that I could, but at this time I simply can't undertake it. My days at Beta Chapter were the best of my life and I only regret that it isn't possible to be more active in fraternity life.

During the recent trip mentioned above, I spent two days with S. H. (Red) Lorain, Beta '17, at Yellowpine, Idaho. "Red" is with the U. S. Bureau of Mines and is directing some very interesting exploration and development work on large deposits of stibnite, one of the war minerals.

Richard McKay, Theta (Columbia) is here with the Washington Water Power Co.; I had lunch with him today.

I maintain an office for general practice and am acting as field engineer for Sunshine Mining Company.

I am really sorry that I will be unable to do as you suggest; perhaps later on I will have some time on my hands and might be able to prepare something for a future issue. In any event I thank you for complimenting me with the request.

Faternally yours,

ROWLAND KING, Beta '16

Sorry that you haven't time to write for us now, Brother King. Try to find some during the winter, if you can. We will gladly take a chance on your article being interesting.

311 West Linden Street
Rome, New York
October 9, 1939

Hello Joe:

It sure does seem funny not to be in the old harness this fall, but I can't say that I am sorry. I realize that this is the time that the boys need money, and so am paying one of my alumni notes in advance. If I can see my way clear, I will get some to you every now and then—I guess you can find a place for it all right.

I have been working at the Revere Copper & Brass Corp., now for about four months, and like it a lot. It is just the thing I trained for at school, which is something, and also I am at home where the cost of living isn't so high, which is a dandy combination for my part. Bob Arnold also worked with this company this summer, and stayed with me for about two months—he is of course back in school now. The last two weeks my boss has been on vacation, and left me in full charge of the methods department of the Rolling Mill, which is the one in which I have spent most of my time. It is the largest brass and copper rolling mill in the world and of course I feel quite honored to be left in charge of the methods, involving about twenty-five hundred men, with only four months' experience. Well, the boss comes back Monday and then my fun is over.

If you see any of the boys, say hello for

me—and if you find the time I would like to hear from you sometime. Until then, I remain

Yours in H & T,

L. GERARD SIMON, Omicron '39

Thanks for your payment, Jerry. Glad to hear that you are cutting the mustard.

J. D. Heising of Los Angeles, California, sent in the following letter in which he relates information received from Bob Heising, Alpha '37, "the Alaskan sourdough".

June 2, 1939

Gentlemen:

Will you please record a change of address for J. R. or J. (Bob) Heising. His copy of "THE GEAR" is now coming to our home address, 1821 La Cresta Drive, Pasadena, Calif., and since I know he is very much interested in it, I would like to guard against its loss.

For the next two years, or until May, 1941, Bob can be reached at the following address: Independence Mine, Wasilla, Alaska. This is a property owned by the Alaska-Pacific Mining Company of Seattle, Washington. Bob just left here a short time ago and we have received his first letter in which he is very enthusiastic about the layout. He states they have seven feet of snow on the level there at this time and thirty feet in drifts at many places on the roads. The company has a nice property there and their men are well taken care of. In fact, Bob likes it so well that he has decided to stay for two years. I got quite a kick out of his statement when he wrote, "So you can put me down for it that I won't be coming out until in May, 1941." He is already talking like a sourdough.

He says the boys have all the conveniences of home, including hot and cold running water, showers, bowling alleys, plenty of good grub, company stores where you can buy anything you need, and a nice crowd of fellows. He is at present doing some work in the mill, and in the Spring when the snow goes off will expect, among other things, to do some surveying.

Yours truly,

J. D. HEISING

Sounds as though all Bob needs now is THE GEAR. We will send it up there and hope it gets through those drifts.

Letters to the Grand Scribe

Villa Ingeborg.

La Mesa de Esnujaque, Venezuela

April 24, 1939

I am taking a short holiday now, so will summarize my travels since I left Berkeley, now nearly six years ago.

The summer of 1933 I spent looking at a few mines in Ontario and making a sketch reconnaissance of the Algonquin Provincial Park traveling through it by canoe. At the end of the summer season I drove down to New York and sailed home to England in November.

In December of that year I sailed for the Gold Coast, for a year's work with the Gold Coast Selection Trust Ltd., with its headquarters at Dunkwa. Worked successively on concessions in Brumassi, Dumassi, Bogoso and Akropong, my time being divided about equally between exploration and mapping in densely forested country, and the direction of underground exploration work in small gold mines and gold prospects. For a short time in Gogoso—by a series of accidents—I was left in charge of a more extensive operation which later became the Marlu mine.

In January of 1935 I returned to England, and in February flew out to Africa again, this time to Kenya, with the Kenya Consolidated Goldfields Ltd. Here the work was primarily exploration of a concession of about 1000 square miles. This was accomplished with a preliminary air survey and two assistants in about two years. At the same time I directed underground exploration on a number of small gold mines, and made a trip down to Caia in Tanganyika, at the south end of Lake Victoria to examine some gold workings there. At the end of my tour in March, 1937, an attempt to drive from our main camp in Kitera down to Cape Town was made, but early rains in Tanganyika made the roads impassable, so returned to Nairobi, disposed of the car, and took a ship to Beira. Then, until the end of June, time was spent wandering, mostly by train, through Portuguese East Africa, Southern Rhodesia and the Union of South Africa looking into a few mines on the way, including the 8600 ft. level of the Robinson Deep, my deepest mine yet. It was at that time the deepest in Johannesburg. I reached home again in July by ship from Cape Town, only to leave in August for the Hague to work with the Bataafsche Petroleum Maatschappij on some air photographs and various field jobs and then to Caracas, Venezuela, on similar work; back to Trinidad in January of this year, and a second visit to Caracas in March. From Caracas I have been transferred to Colombia, and am taking my local leave driving slowly

along the trans-Andean highway which climbs up to 14,000 ft. on the Páramo de Mucuchíes. A very spectacular road to drive, and a fine holiday. This is the nicest place to stay en route so I am taking a few day's holiday and writing this bald account of my doings, but there is not much room for embroidery when one has six years to recount. Fortunately both my wife and myself are fond of travel; consequently we enjoy ourselves very well.

In H & T.

A. A. FITCH, Epsilon '32
c/o Compania de Petroleo Shell de Colombia,
Bogota, Colombia

1528 North Kenmore Ave.,
Los Angeles, California
October 25, 1939.

Dear Brother Schrader:

Your letter of August 24th reached me only yesterday, having followed me back to California from Bolivia. In reply, I am sorry that I can give you very little information about Starbird (Epsilon '16). He left the Aramayo Company nearly two years ago; after visiting briefly in California I understand that he worked for a time in South Dakota but where he is now or what he is doing I do not know.

Thank you for news of my friends in H & T. I have lived outside the United States so long a time I haven't seen many of my school mates since college days. Neither did I realize until I received your letter that there were a dozen H & T men in Bolivia; if I had known that while I was there I surely would have made an effort to meet some of them. The lesson to be learned from that, probably, is that an H & T man should always have a GEAR and a directory no matter how far from home he may be. The chances are excellent there are brothers nearer him than he imagines. Anyway, I want to look up the friends I can while I am at home, and to this end will ask you (since I know nobody alive is better informed on H & T matters) whether there is a Southern California association of H & T alumni. If there is, I would like to know where and how the men meet and how to find the secretary.

My own recent and present doings may be summed up briefly. I left the Aramayo Company last August having declined to sign a new contract when my old one expired at that time. I did not want to go back to Bolivia chiefly because the economic and political situation there has been bad since the Chaco war and about three weeks before my contract ex-

pired matters took a sudden turn for the worse. The government decreed a number of new mining laws that added to the already considerable handicaps of the industry, and that are not unlikely to kill it entirely if enforced when the price of tin returns to its pre-war value.

Since returning home I have been vacationing with my family and I want to stay in North America if I can, chiefly for family reasons, but of course will have to make my living wherever the opportunity presents itself.

In H & T,

JAMES B. CHAMBERLAIN, Epsilon '24

In Memoriam

PAUL ADAM DIEHL, Zeta '17

Paul Adam Diehl, 46 year old civil engineer was found Saturday night, August 19th, in a pumping station at Altus, Oklahoma, apparently asphyxiated by hydrogen sulphide gas while investigating a sewer.

Brother Diehl, an expert on chemistry and bacteriology of water and sewage for the engineering firm of Black & Veatch, had gone to Altus earlier in the week to make an investigation for the city of the hydrogen sulphide content of sewage.

He was graduated from the University of Kansas with a civil engineering degree in 1919 after serving eighteen months in France in the war as a first lieutenant in the field artillery. He became associated with the engineering firm a short time later. He was a member of the Kansas City Engineers' Club and the American Society of Civil Engineers.

not find big Charley Steinbach good naturedly fighting difficult underground conditions. Perhaps there is some consolation in the fact that his sudden illness struck him when he was on the job and the end came quickly. However, forty-nine is too early for such men to go."

CLAYTON B. OTT, Zeta '34

Clayton Baker Ott, 29 year old mining engineer, died September 22, 1939, of a disease contracted in the Philippine Islands where he had worked for the last two years. He was graduated from the University of Kansas, 1934.

Upon leaving the University, Brother Ott went to Idaho to work for a gold mining company near Boise. From Idaho he went to the Philippines, remaining there until last summer when he became seriously ill. Although he returned home his health failed to improve. His untimely death was a severe shock to all who knew him.

CHARLES FREDERICK STEINBACH, Beta '14

Charles Frederick Steinbach, general mine foreman of the Ruth mine of the Nevada Consolidated Copper Corporation, died July 12, 1939, at the age of forty-nine from a cerebral hemorrhage. Steinbach became ill while in the mine and was taken to the hospital that same evening.

Brother Steinbach was born in L'Anse, Michigan, March 30, 1890. In 1914, he graduated from the Michigan School of Mines at Houghton. Coming to Ruth, Nevada, in 1913, he accepted a position with the Nevada Consolidated Copper Corporation, and in 1922 was named general foreman of the Ruth mine, which position he capably filled up until the time of his death. Prior to coming to Ruth he was with the Minnesota Copper Mines and Mills.

In 1917, he was married to Miss Catherine Ehler, also of Michigan, and is survived by his wife and son, Donald, and two sisters.

The following editorial from the Salt Lake Mining Review well expresses our own thoughts: "It will seem passing strange to visit the Ruth, Nevada, properties of the Nevada Consolidated Copper Corporation and



Clayton B. Ott

RANDOLPH CHURCHILL EISENHAUER,
Epsilon '13

Randolph Churchill (Bob) Eisenhauer died in Berkeley, California, on May 24, 1939, age 53. His wife and two daughters survive him. He was taken ill in Reno, Nevada, while waiting for some clients from the east with whom he intended to visit the Belevue placer in Sierra County, California.

Eisenhauer was born in eastern Canada and graduated in Mining Engineering from the University of California. After some years experience with the Conrey Gold Dredging Co., in Alder Gulch, Montana, he was superintendent of the Comet Mine at Basin, Montana, from 1917 to 1919 when he went to the Carson Hill Mine at Melones, California, where he remained as general superintendent until 1924. During the next few years he was in business for himself as a contractor and operator. In 1930 he was Mine Superintendent at

the Seven Troughs Mine in Nevada and succeeded E. J. Schrader as general superintendent in December of that year. When the mine closed down in June, 1931, he went back to the Pacific Coast and opened an office as consulting engineer in mine practice. He was an excellent operator and because of his pleasing personality he made friends wherever he went. His sudden and unexpected death was a shock to all of his friends and professional associates.

RUSSELL W. CARR, Gamma Beta '37

Russell W. Carr died May 14, 1939, at the age of 32 years. He is survived by his wife who lives at 3126 Ash Street, Mount Ranier, Maryland.

Gamma Beta chapter enacted resolutions of appreciation of Brother Carr, and of sympathy for his family. A copy of the resolutions was forwarded to the family and to THE GEAR.

DIRECTORY CORRECTIONS

CURTIS, LEROY P., Gamma '09, listed as Honorary. Not an honorary member, is a charter member, initiated as an underclassman, graduating in 1909.

KELLY, THOMAS ALFRED, Hon. Gamma '26, No. 523. Omitted in "Chapter Roll" page 252.

WICHMANN, ARTHUR PAUL, Hon. Gamma '18, No. 522. Omitted in "Chapter Roll" page 252.

WEINIG, A. J., Gamma '08, No. 296, listed as Honorary member (page 94). Also is regular alumnus of Gamma.

DIEHL, CLARENCE W., (page 19, Class 1917, Zeta) DELETE. No such member. No. 49 Zeta is HARDING, CLARENCE W., Zeta '11, (see page 118).

SCOTT, GEORGE W., Kappa '50, No. 309, Sales Representative, Ruberoid Co., 700 E. Atwater St., Detroit, Mich., res 11360 Sussex Ave., Detroit. (page 159).

"Past Grand Officers" Page 6

BENJ. B. WALLING, Alpha '09 1909-1919

GREGORY, JOS. T., AB PhD 369 Paleontologist, Univ. Texas, Austin, Tex., res 1721 Hopkins St., Berkeley, Calif. Chi Pi Sigma, Phi Beta Kappa, Sigma Xi, Phi Sigma.

HOUCK, JAMES M., Kappa 331, omitted from "Alphabetical" and "Address" sections. In "Chapter Roll" section, page 265, delete Kappa No. 331, Doland, J. J., and substitute Houck, James M.

The following names from Theta Chapter may be found in Alphabetical or Chapter Roll sections, but are omitted from "Address Directory" due to the fact that information cards were not returned and accurate information was not on hand for these men. Their names should have appeared with the notation "address unknown".

1927

ATCHISON, E. R., No. 113

THEOBALD, C. D., No. 110

TRISKA, J. A., No. 127

1928

BALDIN, LIONEL, No. 136

DAVIS, III, HENRY G., No. 134

PRINCE, JAMES D., No. 132

1929

FINLEY, W. N., No. 128

GRANT, HORACE, No. 131

1931

KNAPP, R. H., No. 154

WALKER, H. J., No. 157

CLIFFORD, G. E., No. 162

GRANT, JR., F., No. 163

1932

ROOS, C. L., No. 155

BROWN, W. M., No. 158

KIRKLAND, JR., C. J., No. 166

MASON, C. J., No. 168

1933

STRINGER, W., No. 173

BOORHIS, H. A., No. 174

OLSTAD, J. W., No. 176

RATHEMACHER, J. J., No. 177

KORTEGAST, O. H., No. 178

1934

PETERSON, R. O. A., No. 181

RICONDA, L. J., No. 185

GEORGEGAN, W. B., No. 187

1935

LOHR, T. R., No. 190

BOYD, B., No. 192

BOSE, J. H., No. 197

1936

SHAUGHNESSY, JR., W. F., No. 198

SMITH, JR., A. P., No. 207

RIONDA, J. A., No. 209

1938

FISK, N., No. 217

The GEAR *of* THETA TAU

OFFICIAL PUBLICATION OF THE FRATERNITY

P. L. MERCER, Omicron '21 and J. W. HOWE, Omicron '24
Editors

210 ENGINEERING HALL

IOWA CITY, IOWA

Subscription \$1.00 a Year

Life Subscription \$15.00

VOLUME XXIX

FALL, 1939

NUMBER 1

CONVENTION TIME!

The holiday season of the odd numbered years is always an important one for Theta Taus, because it is then that we convene as a national group. The closing days of this year will see our 14th Biennial Convention in session. This meeting, like the highly successful 13th or Herman H. Hopkins Convention will be held in Chicago at the La Salle Hotel. With those enthusiastic Chicago alumni again in the role of hosts we may have full assurance that every spare moment of the convention days will be packed with pleasurable events. We may have equal assurance, as long as Brothers Schrader and Vawter are on hand, that the business of the Convention will not be neglected. So come to this Convention prepared to forget for the time being your interests in geometry, geology, geodesy, geogony or geohydrology and expect to concentrate on your Fraternity's business, your Fraternity's ideals and your Fraternity's finest fellowships.

THAT DIRECTORY AGAIN

Since the publication of the 1939 Directory was authorized by the Herman H. Hopkins Convention nearly two years ago, we have attempted to keep our readers informed through the editorial pages of *THE GEAR* concerning the progress of this undertaking. At the time of writing for our last

Spring issue it was a nip and tuck race to see whether *THE GEAR* or the Directory could start rolling off the presses first. *THE GEAR* won but only by a small margin and in just a short time later the Directory was in the hands of its subscribers.

The volume catalogues 7064 initiates of the Fraternity under four headings: alphabetical, chapters by classes, chapters by roll numbers, and geographical. Addresses, including some which are of questionable accuracy, are given for 6579 members. Of the remainder, 251 brothers have been reported deceased, leaving only 234 affiliates concerning whom no information was available at the time of publication.

It is inevitable that a good many mistakes would occur in compiling such a directory. Unfortunately too, the Editors were particularly busy with other duties during the proof reading period and doubtless more errors escaped detection on this account than might otherwise have been the case. For these we offer our humble apologies. We can only hope that the greater accomplishment of a new directory at last, will overshadow these defects and that the volume will, in general, be of useful service to the Fraternity.

We will be especially grateful for any corrected addresses you may be able to supply us.

Additions to Membership

ALPHA

- 433 Edwin R. Tyler, Davenport, Iowa
 434 Harland S. Johnson, Winona, Minn.
 435 Thor W. Bergquist, Minneapolis, Minn.
 436 Irving A. Johnsen, Minneapolis, Minn.
 437 Bernard R. Prusak, Chisholm, Minn.
 438 Jack B. Mitchell, St. Paul, Minn.
 439 Robert J. Lunn, Nashwauk, Minn.
 440 Charles Nerwick, Enderlin, N. Dak.
 441 Walter C. Miller, Sank Rapids, Minn.
 442 Lyle O. Goodman, Jr., Minneapolis, Minn.

BETA

- 450 Russell S. Gribble, Ironwood, Mich.
 451 Robert W. VanEvera, Crosby, Minn.
 452 John G. Magoffin, Deerwood, Minn.
 453 William E. Wivell, Hancock, Mich.
 454 Robert C. Steveling, Detroit, Mich.
 455 Erik J. Green, Crystal Falls, Mich.
 456 Robert C. Weed, Lansing, Mich.
 457 Edward W. Whitcomb, Chile, S. America
 458 Lawrence M. Barrett, Duluth, Minn.
 459 Clair M. Donovan, Grand Rapids, Mich.
 460 Frederick G. Van Stratum, Hurley, Wis.
 461 Loren E. Howard, Marion, Mich.
 462 Lawrence B. Farnum, Saginaw, Mich.
 463 Leonard J. Harris, Ironwood, Mich.
 464 Joseph Trotter, Carrollton, Mo.
 465 Brian B. O'Neill, Wakefield, Mich.
 466 James A. Keeley, Schumacher, Ont.

GAMMA

- 522 Arthur P. Wichmann (Hon.), Paul, Idaho
 523 Thomas A. Kelly, Hotchkiss, Colo.
 524 Presley L. Morehead, Jr., Denver, Colo.
 525 William C. Parisi, Ridgewood, N. J.
 526 Andrew T. Sinclair, Simon, Colo.
 527 Charles J. Cerf, Flushing, N. Y.
 528 Joe Q. Berta, Rock Springs, Wyo.
 529 Walter L. Crow, Denver, Colo.
 530 Arthur G. Wood, Jr., Western Springs, Ill.
 531 Randall H. Taylor, Price, Utah
 532 R. Dean Poush, Greeley, Colo.

DELTA

- 414 Franklin L. Bird, Cleveland Heights, O.
 416 Robert W. Blackmore, Cleveland Hts., O.
 417 Nyal W. Deems, East Cleveland, Ohio
 418 Jack H. Eichler, Cleveland Heights, O.
 419 Roger L. Gilliland, Shaker Heights, O.
 420 William R. Heckman, Findlay, Ohio
 421 Victor J. Nexon, Niles, Ohio
 422 Owen B. Patton, Jr., Philadelphia, Pa.
 423 Webster C. Roberts, Cleveland Hts., O.
 424 Robert L. Shelton, Cleveland, Ohio
 425 Donald W. Steel, Cleveland, Ohio

- 426 Denton K. Swartwout, III, Cleveland, O.
 427 Irving H. Van Horn, Jr., East Cleveland, Ohio
 428 John A. Wilson, Cleveland, Ohio

EPSILON

- 464 Rene M. Sommer, Los Angeles, Calif.
 465 Gordon L. Johnson, Monterey, Calif.
 466 Roy J. M. Nielsen, Berkeley, Calif.
 467 Samuel T. Martner, Lomita, Calif.
 468 William Plasch, South Gate, Calif.
 469 James R. Macdonald, Berkeley, Calif.
 470 William C. Clark, Visalia, Calif.
 471 Blakemore E. Thomas, Santa Fe, N. M.
 472 Bruce H. Hellier, Aptos, Calif.
 473 Edward M. Benson, Jr., Whittier, Calif.
 474 John H. Savage, Los Angeles, Calif.
 475 Arthur K. Bourret, San Francisco, Calif.
 476 Edmond Buster, Santa Paula, Calif.
 477 John R. Culver, Berkeley, Calif.
 478 Thomas H. Benton, Bonsall, Calif.

THETA

- 275 Louis Lyon, Chappaqua, N. Y.
 276 Robert M. Taylor, Philadelphia, Pa.

IOTA

- 392 Robert E. Fields, St. Louis, Mo.
 393 Harold R. Wampler, Mascot, Tenn.
 394 Clifford A. Cornear, St. Louis, Mo.
 395 John R. Humphrey, Rockville, Mo.
 396 Joe S. Hoffman, Cape Girardeau, Mo.
 397 Henry T. James, St. Louis, Mo.
 398 Armin F. Fick, St. Louis, Mo.

LAMBDA

- 398 William C. Brown, Salt Lake City, Utah
 399 Joel H. Hewes, Salt Lake City, Utah
 400 Dale R. Jensen, Salt Lake City, Utah
 401 Harold C. Shields, Stockton, Utah
 402 John J. Shilling, Salt Lake City, Utah
 403 Boyd W. Venable, Salt Lake City, Utah

NU

- 325 Frank S. Adkins, Huntington, W. Va.
 326 Rex A. Elder, Wellsboro, Pa.
 327 William R. Froehlich, Jeannette, Pa.
 328 William W. Heilman, McKeesport, Pa.
 329 Arleigh P. Helfer, Monongahela, Pa.
 330 Lloyd B. Kramer, Pittsburgh, Pa.
 331 David J. Rex, III, Ingram, Pa.
 332 Donald W. Miller, Brentwood, Pa.
 333 James R. Brown, New Castle, Pa.

OMICRON

- 238 Louis Grimm, Iowa City, Iowa
 239 Paul Carrigg, Iowa City, Iowa
 240 Harry A. Zweifel, St. Louis, Mo.
 241 Charles J. Kippenhan, Middle Amana, Ia.
 242 Henry E. Hughes, Kansas City, Mo.
 243 Martin W. Stiller, St. Louis, Mo.

RHO

- 235 Blake R. VanLeer (Hon.), Bonham, Tex.

SIGMA

- 220 Charles A. Bangert, Jr., London, Ohio
 221 Robert H. Denham, Scotia, N. Y.
 222 Richard S. Snyder, Columbus, Ohio
 223 James E. Garvey, North Royalton, Ohio
 224 Cassius W. Payne, Jr., Garrettsville, O.

TAU

- 211 Homer M. Hill, Jr., Princeton, N. Y.
 212 Howard L. Hoke, Herkimer, N. Y.
 213 James T. Copeland, Clarence, N. Y.
 214 Donald E. Brown, Hamburg, N. Y.
 215 Howard O. Ward, Candor, N. Y.
 216 Drew Morris, Clifton Springs, N. Y.

PHI

- 155 Philip M. Glassman, La Porte, Ind.
 156 William F. Jordan, Knightstown, Ind.
 157 John F. Kuznicki, Dunkirk, N. Y.
 158 Phillip A. Ryan, Evansville, Ind.
 159 Russell F. Schmidt, East Chicago, Ind.
 160 Kenneth D. Swander, Jr., Albany, Ind.
 161 James R. Vanderford, Ligonier, Ind.
 162 Harry A. Weglinski, Dunkirk, N. Y.

CHI

- 169 Andrew B. Marum, Tucson, Ariz.
 170 Harry A. Kotecki, Milwaukee, Wis.
 171 Frederick W. Sherman, Jr., Mesa, Ariz.
 172 Edward J. Caldwell, San Francisco, Calif.
 173 Jack O. Lyons, Ft. H. G. Wright, N. Y.
 174 James F. Bly, Winslow, Ariz.
 175 Richard S. High, Marana, Ariz.
 176 George G. Seeley, Tucson, Ariz.
 177 Addison B. Pinkley, Coolidge, Ariz.
 178 Lewis W. Lowe, Gilbert, Ariz.
 179 John C. Loving, Cananea Sonora, Mex.
 180 Merl W. Rich, Tempe, Ariz.

PSI

- 100 Frank W. Bowdish, Kalispell, Mont.
 101 Ray E. Gilbert, Butte, Mont.
 102 August F. Rambosch, Eureka, Mont.
 103 Eddie J. Chades, Klein, Mont.
 104 Harold R. Hill, Kansas City, Mo.
 105 Robert G. Hunter, Anaconda, Mont.
 106 Eric I. Moum, Wolf Point, Mont.
 107 Frank J. Corr, Butte, Mont.
 108 Paavo P. Puumala, Roberts, Mont.
 109 Edgar A. Scholz, Shelby, Mont.
 110 George Grayer, Jr., Independence, Mo.
 111 Dean H. Lindquist, Red Lodge, Mont.
 112 Benjamin Mills, Manila, P. I.
 113 Carroll J. Ward, Great Falls, Mont.
 114 Matthew P. Rowe
 115 Reino E. Hyyppa, Roberts, Mont.
 116 Robert R. Willson, Bearmouth, Mont.
 117 Frances J. McCavitt, Avacada, Mont.
 118 Thomas A. Prater, Butte, Mont.
 119 Harry E. Nelson, Great Falls, Mont.
 120 Herman Neibaur, Billings, Mont.

- 121 James S. Huckaba, Whitehall, Mont.
 122 Harold E. Lake, Saskatchewan, Canada
 123 Ora H. Rostad, McLeod, Mont.
 124 Robert I. Moreen, Butte, Mont.
 125 Robert P. Corbett, Butte, Mont.
 126 Kenneth J. Stodden, Butte, Mont.
 127 Arthur F. Beynon, St. Louis, Mo.

OMEGA

- 125 Paul A. Drickey, Rapid City, S. D.
 126 Donald V. Bigelow, Worthington, Minn.
 127 Carl F. Boehnlein, Sturgis, S. D.
 128 Marvin D. Peterson, Box Elder, S. D.
 129 Elmer C. Lee, Rapid City, S. D.
 130 Marion Rowland, Lead, S. D.
 131 Charles W. Rand, Bison, S. D.
 132 Gordon A. Larson, Sydney, S. D.

GAMMA BETA

- 79 Leonal W. Brennaman, Garden City, Kan.
 80 Edwin K. Sullivan, Washington, D. C.
 81 Harry O. Wright, Jr., Rowland, N. C.
 82 Carl G. Estabrook, Chevy Chase, Md.
 83 Louis J. Naecker, Washington, D. C.
 84 Frank T. Mitchell, Jr., Washington, D. C.
 85 George H. Werner, Washington, D. C.
 86 Robert H. Randall, Jr., Washington, D. C.

DELTA BETA

- 1 Thomas H. Crim, Jr., Louisville, Ky.
 2 Harry H. Hummel, Jr., Louisville, Ky.
 3 Frank W. Smithson, Jr., Richmond, Va.
 4 Himus S. Sims, Louisville, Ky.
 5 Alex B. Davidson, Louisville, Ky.
 6 Edwin G. Edelhauser, Louisville, Ky.
 7 Harry E. Sibley, Louisville, Ky.
 8 Woodrow G. Cerf, Corbin, Ky.
 9 Robert J. Williams, Louisville, Ky.
 10 Paul E. Huber, Louisville, Ky.
 11 John N. Whitehead, Louisville, Ky.
 12 David L. Witherspoon, Anchorage, Ky.
 13 Seaton Hunter, Louisville, Ky.
 14 James R. Strother, New Albany, Ind.
 15 John J. Byder, Louisville, Ky.
 16 Fred G. Heil, Jr., Owensboro, Ky.
 17 Frank H. Luther, Jr., Louisville, Ky.
 18 John R. McClain, Louisville, Ky.
 19 Charles A. Straeffler, Louisville, Ky.
 20 James M. Thornton, New Albany, Ind.
 21 Willard J. Davis, Jr., Louisville, Ky.
 22 James C. Droppelman, Louisville, Ky.
 23 Wilson R. Barnes, Louisville, Ky.
 24 Churchill E. Potter, Louisville, Ky.
 25 William D. Mains, Louisville, Ky.
 26 Jack D. Van Arsdale, Louisville, Ky.
 27 Wylie B. Wendt, Louisville, Ky.
 28 Thomas E. Coleman, Jr., Louisville, Ky.
 29 John H. Mobley, Jr., Olive Hill, Ky.
 30 Robert R. Goetzman, Louisville, Ky.
 31 Herbert R. Gohmann, Jr., Louisville, Ky.
 32 Robert O. Metzner, Louisville, Ky.

Do You Know Their Whereabouts?

The following men evidently have moved since sending in a directory address as their copies of the Directory have been returned to THE GEAR office. Should you know the address of any of these men, you can do him a favor by supplying this office with his address in order that we may re-mail his Directory.

Directory sent to:

<i>Alpha</i> Schmitt, Louis P., '33	20 N. Wacker Drive, Chicago, Ill.
<i>Beta</i> Tonne, Lyle P., '28 Anderberg, Russell C., '34 Wallace, Edgar C., '36	500 W. Madison, Chicago, Ill. Grand Rapids, Michigan 24272 Lake Rd., Bay Village, Ohio
<i>Gamma</i> Cronin, G. Harold, '26 Yeager, Geo., '39	Box 37, Santa Rosa, New Mex. 650 So. Vine St., Denver Colo.
<i>Delta</i> Anderson, Robt. J., '14	11713 Lake Ave., Lakewood, Ohio
<i>Epsilon</i> Lindgren, Carl H., '29 Andregg, John W., '36	224 Pine Ave., Long Beach, Calif. Fairbanks, Alaska
<i>Zeta</i> Kane, Gerold A., '31 Thudium, Jr., Fred A., '38	304 Roor Ave., Scotia, N. Y. Baldwin City, Kansas
<i>Iota</i> Ashlock, Evan E., '19	827 Westchester Place, Los Angeles, Calif.
<i>Kappa</i> Peoples, Harold D., '31	Box 161, Vinita, Okla.
<i>Lambda</i> Baldwin, H. L., Hon. '07 Marshall, Wm. R., '32	1990 Green St., San Francisco, Calif. Starlight Mine, Jarbridge, Nevada
<i>Mu</i> White, Gwynne R., '36	3315 Elm, Dallas, Texas
<i>Nu</i> Wall, Harry R., '31 Cole, Earle R., '35	6th & c Market St., Chattanooga, Tenn. 357 W. Malacca St., Akron, Ohio
<i>Sigma</i> Burr, Marion K., '28	Elgin, Texas
<i>Tau</i> Bizik, Louis J., '28	460 Wellington Rd., Mineola, N. Y.
<i>Upsilon</i> Thornberry, Wm. D., '33	Sanatorium, Miss.
<i>Phi</i> Stech, Harmon G., '38	Y. M. C. A., Evansville, Ind.
<i>Chi</i> Kiernan, Peter R., '32	Bartlett Dam, Cave Creek, Ariz.
<i>Omega</i> Purcell, Lyle J., '34	Box 184, San Rafael, Calif.

Letters from the Chapters

Alpha Spirit Takes an Upturn



Alpha Chapter had the pleasure of being host to Beta, Omicron, and Omega chapter delegates for a Regional Conference on April 8-9, 1939. Round table discussions were held; one, composed of treasurers and assist-

ants, discussed house and chapter finances, the other group discussed various phases of chapter, initiation, pledge problems, and alumni contact. The high spot of the conference was the banquet Saturday evening with Grand Regent Daniels and Past Grand Regent Hopkins as speakers. After the banquet, Irv Johnson and Bernard Prusak, Alpha pledges, were initiated in the chapel.

The annual Canoe Trip was favored by good weather. (Several fellows, not participating in the trip, but remembering the year before, were heard muttering that no canoe trip is a success without at least two inches of rain). The customary upsets and duckings were relished by all but the victims.

Alpha revived and published the chapter letter, the "Garnet". Editors Bergquist and Boyum lived three nights at the printers, subsequently enduring nightmares crowded with picas, ems, proofs fiendishly incoherent, and by-lines.

The chapter had the annual spring party at the Minnetonka Yacht Club. The novelty of the dance being held on an island added to the spirits of the party-goers. Featured were the efforts of "Rear Admiral" Geraci with a landing party.

After Engineer's Day and our defeating our rival, Triangle, 14-7 in baseball, the boys

settled down for finals and the task of securing employment.

Fall quarter finds the chapter bustling with new, almost foreign, spirit of progress and achievement. All actives turned out at the end of the first week of school to give the house a thorough cleaning. Virtually, we have been housecleaning ever since. Our new rugs transform the chapter house beyond expectations. Tenfold pledging is expected as a direct result.

We have inaugurated a new financial plan this fall whereby we are paying a month in advance, a radical departure from our former co-operative plan. The chapter is heartily behind the efforts of Regent Cummings and Steward Coulston to make the plan a success.

New officers elected to vacancies are: Frank St. Vincent, Vice-Regent; Bob Lunn, Treasurer; Dick Coulston, House Steward; Bernard Prusak, Representative to Inter Professional Fraternity Council; Jack Mitchell, Inner Guard.

Principal resolutions for the quarter are the betterment of our scholastic average and the doubling of the active membership.

The active chapter joined with the Twin City Alumni Association in a dinner at the Minnesota Union for Founders' Day Banquet. The group lauded the efforts of Joe Skovholt, our Chapter Advisor.

The boys are talking about the hockey cup and just where they will put it. Brother St. Vincent is co-captain of the varsity hockey squad and Brother Sy Johnson varsity football tackle.

BURTON BOYUM, Scribe

October 29, 1939

No Drones in the Beta Hive



The fall term finds 38 active members and 3 pledges returning to the old Beta homestead. New men who have been initiated since our last greeting are: John Magoffin, William Wivell, Robert Steveling, John

Green, Robert Weed, Edward Whitcomb, Larry Barrett, Clair Donovan, Frederic Van Stratum,

Loren Howard, Lawrence Farnum, Leonard Harris, Joseph Trotter, Brian O'Neill and James Keeley. Our pledges at present are: Ed Nelson, Fred Walker and Ed Decker.

Everyone was disappointed to find that Brothers Bergman, Turner, Rowse, Bjork, and Watson did not return to school; the last four mentioned have graduated after practically having been landmarks around here for the last five or six years. To partially atone for the loss, Brothers Kolkoski and Baxter came

back to obtain an extra degree and Brother Phil Johnson returned after a year's absence.

For the second consecutive year Beta has made a major improvement upon its chapter house. This summer the entire downstairs was renovated, new furniture purchased for the east living room with halls and stairways re-papered and painted. The improvement has caused many of the members to have considerable difficulty getting into hats, because the consensus around here is that our chapter house

will compare favorably with any in the country.

This year the fate of Beta Chapter is in the hands of the following men: Bob Van Evera, Regent; Dick Brotherton, Vice-Regent; Harry Finley, Steward; Dave Andrew, Treasurer; Albert Raitzer, Scribe; and Jack Riordan, Corresponding Secretary.

Our social activities have consisted of the annual spring initiation banquet and the Theta Tau Spring Dance (preceded by a dinner party and followed by a breakfast). These activities were successful thanks to the untiring efforts of the social committee, Turner and Rowse. At our Founders' Day Banquet this fall, Brother Longacre, of the mathematics department, was speaker.

Spring election of members and officers to honorary fraternities added several more Beta men to roles of honor. Tau Beta Pi claimed Roger (Shadow) Shanahan and Albert Raitzer, thus making our present number in the "brass bent" class, three—(Brother Dave "The Head" Andrew was elected last fall). Blue Key picked up Joe Trotter, elected Brother Kievit treasurer and Brother Martin president. Tau Nu Tau, honorary military fraternity, took into its midst Brothers Raitzer and Brotherton; they elected Brother Kievit vice-president and Brother Martin secretary. Alpha Sigma Mu, honorary metallurgical fraternity accepted Brothers Kievit, Raitzer and Barnum and elected Brother Reinsch president of the organization.

The Michigan Tech *Lode* is this year under the guidance of Brother Andrew, who is Editor-in-Chief. Brother Andrew is being ably assisted by Brothers Klenner, Business Manager; Wivel, Advertising Manager; Donovan, Reinsch, and O'Neill, who serve in the capacities of reporters.

Alumni brothers will be glad to hear that the Army Trophy has returned to its perennial place upon the Theta Tau mantel after an absence of a year. Right from here it looks as though Brother Kievit will be Lieutenant-Colonel of the Michigan Tech regiment. Also in line for positions in the regiment are: Brothers Martin, Van Effen and Andrew. Another not to underestimate is the "dark horse" of the army, Rajah Shanahan; at this time it appears he is a cinch for a coveted position in the Engineers' Drill Group.

There are several members of Beta that are, or soon will be, making a name for themselves in the line of athletic endeavor. Brother Van Stratum holds down a regular tackle position, and Brother Lanham is a reserve guard on the best football team Tech has had in several years. Another important cog in the team is "Goldie" Raitzer who is manager. Although basketball has not as yet started, it is expected that Brothers Crawford and Jerow will return to their regular forward positions;



Three sleepy pledges
Magoffin, Wivell, Steveling
Whitcomb pulls a WPA
The Seal of Theta Tau

Crawford is also co-captain of the team. Brother Barrett will also be out for the team and he is expected to see considerable service before the completion of the season. Brother Reinsch handles the managerial role for the team. The rifle squad this year will include, among its sharpshooters, Brothers Gribble and Howard and will have Brother Kievit as manager.

Due to the fact that we were nosed out by only a mere quarter of a point from winning the Intramural Sports Trophy last year, and that we lost very few active men in intramural sports last year, we are feeling quite optimistic and hopeful toward putting the trophy "on ice" thereby avenging our previous downfall. The highlight of last year's intramural season was the baseball game with our closest rivals, the Kappa Deltas. With numerous side bets on the game, we won handily 7 to 2; thanks to a home run by Shanahan (hit with his eyes shut and both feet off the ground) in the first inning, and to a hit (in reality a series of errors) with two men on base by "Goop" Jerow.

This fall we have already played two touch football games, one being a 0-0 tie, and the other a 13-6 victory for the H & T's. "Slingin' Sam" Crawford has been a standout in both games (due particularly to the handles which he affectionately calls his ears).

Those occupying cozy niches in our "hall of fame" at this writing include Brother Harry Finley for his untiring work upon the house this summer; Brother Bennett for his sudden thirst for religion; Brothers Weed and Van Stratum for their gastronomic feats; Brother



"Riordan to O'Neill"

Whitcomb for his modesty concerning his numerical average in this institution; Brother O'Neill for his recently acquired pair of extremely broad shoulders (his father is reported hunting for his tweed suit); Brother Andrew for his appointment as co-editor of both the Freshman Bible and the student directory, not to mention the fact that, upon close observation four or five sprigs of hair can be seen sprouting from the now famous out-thrust chin of his; and all who helped Beta Chapter compile her high scholastic average which won the scholarship trophy last year.

Members of Beta Chapter extend their best wishes to all other members and hope every chapter can have its most successful year this year.

JOHN M. RIORDAN

October 24, 1939

Steak Bill Must Be High at Gamma

GOLDEN
COLORADO

Colorado School of Mines, with four straight victories to date, bids well to go through the football season undefeated. Ten members and pledges of Gamma Chapter hold

down positions on the team: Herbert Thornton, senior center; Joe Berta, junior tailback; Rex Flynn, junior end; Randy Taylor, junior fullback; George Yeager, senior guard; Gardner Blythe, senior guard; Art Wood, substitute fullback and a junior; Glen Hutchinson, another junior and understudy to Thornton at center; Bill Schiele, junior blocking back, and Clayton Creager, junior sub end.

Twenty actives made up the personnel of Gamma chapter at the beginning of the semester, led by Mac Dye, Regent; A. W. Warren, Vice-Regent; Herbert Thornton, Scribe; Don Salsbury, Treasurer; Joe Berta, Corresponding Secretary; Walter Crow, Marshal; Herbert

Treichler, Inner Guard; and Art Wood, Outer Guard. In response to Epsilon's inquiry in the last GEAR, Gamma also has a married Regent.

The ghost walked October 10th and twelve



Back row: Taylor, Wood, Hutchinson, Berta and Creager

Front row: Yeager, Schiele, Blythe, Thornton and Flynn

THETA TAU

IS NOW

The new 15th General Directory came off the press this summer and contains information on more than 6500 Theta Taus.

Copies may be secured from the Gear office at \$1.50 each.

ORDER

DIRECTORY

AVAILABLE

The Directory contains:

1. A general alphabetical listing
 2. An address directory by chapters
 3. Complete chapter rolls in order of initiation numbers.
 4. A geographical register listing the Theta Taus in any town or foreign country.
-

NOW!

men were selected. They, and one other pledge from last year, will be formally initiated following a dinner November 7th.

Homecoming Day at Mines will be October 28th, at which time the football team intends to make Colorado College its fifth victim and Theta Tau expects to rout Sigma Gamma Epsilon in their traditional polo game played on burros.

Gamma chapter heads the student body for the fifth straight year with George Yeager as president. In four of the six social fraternities on the campus, Theta Taus preside as the head

men: Charles Cerf, president of Sigma Alpha Epsilon; Donald Dowlin, president of Sigma Nu; Fred Nagel, president of Alpha Tau Omega; and Everett Paris, president of Kappa Sigma.

Eleven places were allotted Colorado School of Mines in the coming publication of "Who's Who in American Colleges" and in an election five members of Gamma chapter were chosen, Brothers Dye, Paris, Yeager, Warren and Katzenstein.

The following members and pledges are members of honorary fraternities and organizations on the campus: Tau Beta Pi, Thornton, Yeager, Taylor and Chambers; Blue Key, Paris, president, Sinclair, Taylor, Treichler, Yeager, Creager; Scabbard and Blade, Yeager, commander, Fillo, Paris, Warren, Nagel and Blythe; Press Club, Warren and Thornton; Board of Publications, Warren and Thornton; Kappa Kappa Psi, Nagel, president; M Club, Blythe, president, Berta, Dye, Flynn, Salsbury, Taylor, Thornton, Wood, Blythe, and Creager.

Gamma's annual school dance will be held this year March 16th in celebration of St. Patrick's Day.

Among the alumni visiting the brothers this summer was Brother Randy West, who signed another two year contract with Compania de Consolidada de Petroleo, Caracas, Venezuela. At this writing, we have with us Brother George Jenkin, former Regent and president of the student body, Brother Poush, ex '40 and Brother Adin Marshall. Also visiting this summer were George Reed, former president of the student body and Jack Mullinax.

JOE BERTA

September 27, 1939



Dye, Regent; Berta, Corresponding Secretary; Salsbury, Treasurer.

Delta Combats Narrow Mindedness



Delta Chapter at Case School of Applied Science has no house, but its bi-weekly dinner meetings are held at the various social fraternity houses on the campus. These meetings, after the dinner, consist of a business session followed by a speaker. These speakers, chosen by our program committee on suggestions from the members, usually discuss in a somewhat informal manner, subjects which are of interest to young engineers, in technological and cultural fields. Our last speaker was Dr. Dina Rees Evans, director of the Cleveland Heights Cain Park Community Outdoor Theatre, who discussed the value of dramatic work to engineers who are too prone to become narrow minded. Among our speakers we have

had industrial advertisers, F. B. I. men, and patent attorneys.

We have social affairs throughout the year consisting mainly of closed dances and picnics.

The traditional rival of Case in sports, especially in football, is Western Reserve University. The Case-Reserve game is played on Thanksgiving Day, and on the preceding Tuesday evening an All-Case Banquet, sponsored by Theta Tau, is held. Theta Tau takes charge of the entire planning of this event which is one of the high spots of the year. The banquet is attended by sports writers of the city and a speaker is usually obtained who keeps the boys in high spirits. The affair usually culminates in a zip-snorting football rally.

To list all the members and their activities would be too repetitious so we make mention of only a few of the campus leaders.

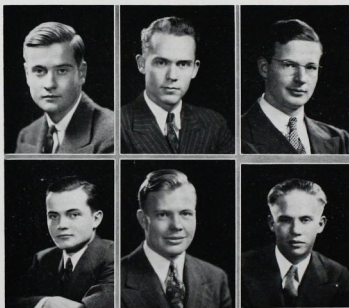
Our Regent, Donald Horsburgh, a member

of Tau Beta Pi and Blue Key, is on the Case Tech staff, the Differential (yearbook) staff, and has been active in the A. S. M. E.

Vice-Regent Bert Mansell provides the harmony, being the president of the Case Musical Clubs. He is also president of the Senior Class,

is business manager of the Case Tech, president of Tau Beta Pi, and a member of Blue Key and the Senate.

One of the outstanding activities men on the campus is George Chapman who was editor of the Case Differential last year, is on the



Top row: Horsburgh, Mansell, Neville
Bottom row: Fitzwilliam, Hendrickson, Converse

vice-president of Tau Beta Pi and active in A. S. C. E.

Scribe Harvey Neville is president of Blue Key, associate editor of the Case Tech, a member of the Senate (student governing body), and is on the staff of the *Alumnus*, the alumni magazine of the college.

James Fitzwilliam can do a good deal in forming the opinion of students as he is editor of the Case Tech besides being president of the Math Club and a member of Tau Beta Pi and Blue Key.

Treasurer Ray Bolz is the No. 1 man in the class, having a 2.91 average. In addition, he

Board of Managers and the Board of Publications, is in the Glee Club, and is a member of Blue Key and the tennis team. He is one of the few juniors who received honor keys.

A campus organization which helps to make Case School better known is the News Service and at its head is one of our brothers, Donald W. Steel. He is also assistant business manager of the Case Tech, assistant treasurer of Tau Beta Pi, and has engaged in fencing and debating.

KARL HENDRIKSON

October 30 1935

Epsilon Party Goers Display More Will Power



Greetings from Epsilon Chapter at the University of California to all Theta Taus.

Again, with the spirit of Hammer and Tongs we push forth into another year of fine activities with Regent Ted Olsen at the helm. Other officers of the Executive Committee are: Vice-Regent, Grant Metzgar; Scribe, Chester Gibson; Treasurer, Lorenz Waldhausen; Corresponding Secretary, George Jung.

To inaugurate the fall semester, an informal dance was held at the Tilden Park Country Club. For the benefit of our alumni who attended the dance last year, we want you to know that all the fellows were able to find their way to the clubhouse—yep even Gordy Johnson.

Having lost quite a few men due to graduation we have taken in seven new actives, bringing our total to thirty. The new men are, Tom H. Benton, A. Kirkwood Bourret, John H. Savage, B. H. Hellier, Edward M. Benson, Jr., Edmond Buster and John Robert Culver. At the informal initiation and at the initiation banquet the neophytes proved themselves to be worthy orators. The master of ceremonies for the initiation banquet held at the Hotel Claremont was Dr. Cheney of the paleontology department. Highlights of the

evening, other than the m.c.'s jokes, were speeches by active student Sirbu, graduates Wheeler and Hill, and faculty members Pabst, Hulin and Anderson. Dr. Pabst gave an interesting account of the strange door-locking system used at the British Museum in London.

Theta Tau men are well represented in various activities on the California campus. Scribe Chet Gibson was a member of the California crew that beat Washington at Poughkeepsie this summer. He is also of Tau Beta Pi as is Brother Roy Turner. Grant Metzgar is now prexy of the Mining Association and is also lending a helping hand to the Miner's athletic teams. Brothers Ivan Wilson, Al Repecka and Blakemore Thomas are of Sigma Xi fame. Active in athletics are Bob Culver, tennis; "Moe" Benson, football; George Jung, basketball.

Epsilon chapter is looking forward to meeting you brothers of other chapters by means of her delegate to the National Convention to be held soon. We would like to send several members to the convention but rumor has it that the occasion will be held at Chicago—a long way from our home at the Golden Gate.

We send best wishes to the National Council and to all our brothers in Theta Tau. May this year be one of success for all.

GEORGE JUNG

October 25, 1939

Zeta Boys Exchange Slide Rules for Shootin' Irons

LAWRENCE
KANSAS

Having overcome the difficulties of graduation vacancies by conducting an extensive and profitable pledging campaign, Zeta Chapter is again rarin' to go. In pledging this year, the departmental system was used, that is, a committee consisting of one man from each department with the pledge captain as chairman was held responsible for contacting the men in the various departments. The system proved its worth as we now have sixteen pledges in addition to twenty-seven actives. Since our last appearance in print we have initiated fifteen men into the fold, ten of them coming from the above pledges. These men include the following: Harry Adams, Don Funkhauser, Dwight Kurth, Alex Mitchel, Dave Oberlin, Tom Arbuckle, Charles Baer III, Ralph Carpenter, Bill Douce, Bill Duncan, Harold

Haight, Charles Kavanaugh, Ed O'Bryon, Leonard Schroeter, and Bill Shears.

We might mention that our Red Dog Inn party of last spring was a huge success. After equipping themselves with six-guns, ten gallon hats, and what have you, Zeta's members could be seen dashing about the campus with team and wagon hunting for their pioneer women, clad in cotton hose, riding skirts, blue bonnets, etc. The substitution of shootin' irons for slide rules made a big hit with the Brothers.

One of our largest tasks of this fall was that of moving into, decorating, and making ourselves at home in a new house. This is nobody's fun and Zeta is hoping and planning for a permanent home. Also moving with us, was our colored cook, Mrs. Trudy Mason. Since we have not had a house mother in quite some time, she has carried the brunt of our woes along with our good times for the past

sixteen years. I daresay that during that time there hasn't been one member who has slipped out of the fold into active life without taking with him some integral portion of her jovial personality. This is proven by the fact that when our alumni drop in they always make it a point to have a little chat with that mortal fixture of Zeta house.

Besides formal initiation on October 15, Zeta also enjoyed a joint Founders' Day Banquet here at Lawrence with the Kansas City Alumni Association. Past Grand Regent Hopkins was the principal speaker and was subjected to much quizzing by our members as

dent Union Activities Board and lends a hand toward promoting our social life.

Brothers Kurth, Rosebush, May and Haight are members of the Engineering Council and it will be their task of engineering the K. U. Engineering Exposition next Spring.

Theta Tau members are found in every departmental society with two, Brothers Flanders and Rosebush, in the capacity of president of the civils and miners respectively.

Brothers Baer and Napier, general editor and business manager of the Kansas Engineer, have just returned from the engineering publications convention at Ames, Iowa. They feel



Zeta Red Dog Inn Party

to the ifs, whys, and whatfors of the national organization. Zeta is looking forward to a future banquet in conjunction with some of the other chapters.

Zeta's men can be found in many of the activities on the hill. Sigma Tau claims Brothers Napier, Mitchel, Ritchie, Kurth, Rosebush, Harries, Thomen, Johnstone, Arbuckle, Schroeter, Bunn and Rethman.

In Tau Beta Pi we find Brothers Johnstone, Schroeter and Rethman.

Brothers Rethman, Thomen, Baer and Nottingham are active in Scabbard and Blade.

Brother Napier is helping to guide student life through the Student Council as engineering representative.

Brother Johnstone is President of the Stu-

dent Union Activities Board and lends a hand toward promoting our social life.

We are all now looking forward to the fall formal on November 4, a freshman smoker, and K. U.'s homecoming on November 25th. Theta Tau will again endeavor to win the float prize in an effort to make the record three wins in a row.

The following officers have been elected for the year in progress: Regent, Raymond Napier; Vice-Regent, Don Funkhauser; Scribe, Dwight Kurth; Treasurer, Al Barnett; Corresponding Secretary, Harry Adams.

We look to these men to lead us through another profitable year.

SAM E. FORSYTH

Theta Soccer Team in an Exclusive League



Theta Chapter is in a very husky condition this fall in regard to membership having 22 active members and 3 pledges available for duty. This is in distinct contrast to last fall when the "nine old men" were all that the mercenary world had left of the chapter, and they were faced with the job of building up the membership again. What a good job they did is amply illustrated by the stalwart group we boast today. Just look us over.

Our Regent this year is Phil Baas who has progressed by stages from wilding an oar on the 1937 varsity crew, to a pencil as last year's Scribe and thence to a gavel this year. Phil is plenty big enough to maintain order at all meetings, and so far has met with no challenges to his authority.

Paul Checkovich is our Vice-Regent who keeps in trim, for possible duty if Brother Phil should break an arm, by ruling over that august body of the school known as the Student Council.

The man everyone hates to see on official business is Charley Preusch. He's the man who adds up the columns of figures in his big book and then subtracts the amounts we owe the chapter from our pockets. He does all this in such a nice way that we scarcely miss the money at all—scarcely. Between times he keeps busy as a member of Tau Beta Pi, camera club, and gosh knows what else.

The Scribe is your humble correspondent Brother Guernsey, who is wondering at the moment how to juggle duties imposed by three societies in one hand and a slide rule in the other. As president of the local Tau Beta Pi chapter he had the privilege recently of attending the convention of that association at the University of Missouri and met a number of other H & T men from other schools.

Vincent MacLarney takes care of our correspondence and sends out the notices of the meetings which keep a quorum on hand. He is another of our student council members.

We must not forget in our list of officers to mention Luis Moreno who has been re-elected for the second year as official janitor and water boy. Luis is the one who offered to get us a shipment of San Salvador rum cheap. But the size of the duty on the goods scared off the chapter.

Looking over the rest of the chapter a unique situation is discovered in the fact that the entire membership of the Dumbells Society, senior group of champion beer drinkers, is composed of Theta Tau members, the same being Brothers Hadley, Guernsey, Moreno, Baas, Checkovich, Galvin, Lyon, Maack, Myers, Ross, Taylor, and pledge Thomas. This proves no doubt that Theta Tau men are tops in most any department.

We also have another Tau Bate in our midst in addition to the two mentioned above. He is Brother Taylor No. 1 who was initiated last spring. And to prove how versatile we are we have another Taylor (No. 2) who was one of the mainstays on the varsity football team prior to this year. How he managed to get his M.E. work done at the same time is still a mystery.

Theta has a tough football team too of which it hopes to be proud. Brother Booth is the dictator and is expected to shoulder all the blame if we fail to triumph in our intramural league. When last seen he was trying to explain how we happened to drop that first game which we should have won. Those other fellows were awfully lucky!

We also have a soccer team under the leadership of our able water boy Moreno. We are proud to report that we are already the champs, there being no rival team in the field. Can we help it if we scare off the other teams?

Our rushing season is well under way, having started with a smoker at which the new prospects were looked over; it is being continued at our first dance of the year which is being held this very evening, and to which a number of the prospects are being invited.

ROSCOE GUERNSEY, JR.

October 28, 1939

Iota's Dream of a House Comes Partially True



Iota Chapter has made a start toward having a chapter house although it is not such in the true sense. Nine actives are living together, i.e., they are renting all the rooms on the upper floor of a house. This is quite different from the past

when the members were living here and there over the town. A better fraternal spirit will develop from group living and the men already have stated that they realize more from the fraternity since they have been living in the house. With this group as a nucleus we plan to have more and more men living together until there are enough to warrant our having a house of our own. Admittedly this



requires time and careful going but we firmly believe that our goal is possible. The chapter has not made any important steps toward acquiring a house, however a committee has been appointed to investigate all phases concerning the situation.

Brother Brune caught some of the Iota boys unawares when he awoke from his chair and quickly snapped the accompanying picture.

From left to right the story in each brother's mind goes as follows: Brother Corneau and Regent Olcott are just discovering that Iota can get a house unless (1) their decimal point is wrong, (2) slide rule accuracy (a 50-inch rule was used) is not sufficient. Brother Stevens sagely decides that money, not figures, is what Iota needs, therefore the cup in his hand. Brother James says "Yes, let's get a house." Brother Hardine, concentrating more vigorously than he ever has before, asks, "What is a house?"

When Iota does obtain a house, we will not have the status of a social fraternity. All activities belonging to such organizations will not be required to drop out of them but will continue in the same way as in the past. It has been mentioned that such activities will be required to live one semester at our house when it is fully established, and most of the social fraternity members of Theta Tau are in accord with this idea.

In the early evening of Founders' Day, October 15th, the chapter had a luncheon at the chapter house. Dr. Mann and Dr. Miles, both honorary members, and most of the actives were present. A genuinely fraternal spirit prevailed with Doctors Mann and Miles forming the nucleus of the various "bull sessions." Dr. Mann, a good booster for the School of

Mines, spoke at length about the school. He has spent much time and effort in compiling a history of the school, a work productive of a number of volumes of interesting facts. The work has grown to such proportions that the Chamber of Commerce of Rolla has decided to sponsor it. Since this informal meeting met with such success the actives are thinking of having a number of these gatherings during the year.

One of our most prominent honorary members was honored on July 19, by the people of Rolla. Dr. Buehler or "Chief" as he is more popularly known was given a dinner in appreciation of his thirty years as State Geologist. At the dinner Dr. Buehler was presented with a silver plated miner's pick together with a parchment scroll extolling him. Iota is distinctly proud to have him as an honorary member.

The social activities of the school year, 1938-39, ended rather disastrously when our spring dance was literally rained out. The dance was to have been held at a lodge near a neighboring town. During the afternoon of the dance-day rain began and continued until early evening. Every member was hoping that a small creek, which had to be crossed to get to the lodge, would not overflow. However, when we arrived at a spot fifty yards from the bridge over the stream, the road was under water—the way impassable. Two couples and the orchestra were all that arrived at the lodge safely. Our spirits dampened by rain and no dance, we proceeded to make the best of the night at other spots. Since the dance was to have been a pledge dance, we held it successfully a few weeks later. In the early evening the pledges, Clifford Corneau, Armin, Fick,

Robert Fields, Joe Hoffman, John Humphrey, Henry James and Harold Wampler were initiated into Theta Tau.

Once more Iota held the highest scholastic average for the last semester of the 1938-39 year. The chapter is rather proud of the fact that three of the eleven members of the local Tau Beta Pi chapter are Theta Tau men. All three—E. L. Olcott, W. Smothers, V. W. Rieke—are officers of Iota holding the positions of Regent, Treasurer, and Inner Guard,

respectively. Our Inner Guard is prexy of the Independents with our Regent being his assistant in that group. The two co-operative eating clubs on the campus have Theta Taus as their presidents; they are Brothers Olcott and Dickmann, the latter being our Scribe.

Iota is looking forward to a successful year and hopes that the other chapters can say the same.

A. W. BRUNE

October 30, 1939

Lambda Benedicts Feudin' with Epsilon



In reading through the GEAR last spring, I noticed that Epsilon made the broad statement that their Regent, Brother E. A. McClure, was the only married regent of all the chapters. Lambda begs to differ. At that time,

both our Regent, Ray Morgan and our Vice-Regent, Fred Harris were married. Furthermore, they both became proud fathers about the first of June. Can any of the chapters duplicate that?

At present we are actively 24 strong and have 6 pledges. Our present officers are: T. L. Wilson, Regent; Donald C. Worden, Vice-Regent; Farrel Alsop, Treasurer; Justin Blickensderfer, Scribe; J. Graham McQuarrie, Corresponding Secretary. By the by, Brother Wilson is also a married man.

One of the outstanding activities of Lambda chapter since our last letter, was the Theta Tau Roundup of May 20, 1939. This included a trip to Bingham Canyon to see the open cut Utah Copper Mine followed by a big banquet in the evening. Many alumni were present and six new members were initiated at that time. On April 29 we held our annual spring dinner dance. To end the year right, we joined the Sigma Gamma Epsilon boys in a beer brawl on the shores of Great Salt Lake. Gosh, can those boys guzzle beer. Wow!

On October 25th we had a very successful pledge party, in the Union Building Game Room. Pool, cider and doughnuts were the main attractions of the evening. Everyone is looking forward to our next initiation on November 11th when the new pledges will be initiated.

J. GRAHAM MCQUARRIE

October 28, 1939

Mu Chapter Well Represented on Campus



Mu Chapter is once again in full swing under the leadership of Ernest T. George, Jr., Regent, with twenty active members returning, in spite of fourteen graduated last Spring.

At the close of school last year, fifteen of our members belonged to Tau Beta Pi, seven returning to school this year. For the past three years the president of that fraternity has been a Theta Tau. Also, for the third straight year the Captain of Scabbard and Blade is a Theta Tau. Among our ranks at present are the presidents of Tau Beta Pi and of the student chapters of the

American Institute of Electrical Engineers and the American Society of Civil Engineers; a past president of Philomathic Literary Society; the Chairman of St. Pat's Committee; the Captain and Second Lieutenant of Scabbard and Blade; the Vice-President of the student body; the Interfraternity Lightweight Boxing Champion; two members of Jasons, senior honor society. Theta Tau furnishes the R. O. T. C. with the Cadet Brigade-Colonel, Cadet Colonel of the Engineer Regiment, one Cadet Lieutenant-Colonel, and one Cadet Major.

Two permanent projects of Mu Chapter may be of interest. On St. Pat's Day, Theta Tau presents a trophy to the outstanding senior engineer, which award is based on scholarship, character, value to the college of engineering,

social prowess, outside activities, and value to the campus as a whole. A Committee composed of several faculty members decides the recipient of the trophy. The other project is that of sponsoring a display window in the main engineering building. In this window materials and matters of interest to engineers are displayed.

Helping Regent George this coming year are Ellsworth Kehoe, Vice-Regent; Peter Prater, Scribe; James Argo, Treasurer; Stephen Turrell, Corresponding Secretary; Robert Morris, Marshal; Frank Scantlebury, Inner Guard; Francis Charles, Outer Guard.

We of Mu Chapter are looking forward to a year of definite progress and it is our sincere hope that the other chapters of Theta Tau have similar prospects.

STEPHEN W. TURRELL

Ernest T. George, Jr., Regent
Cadet Colonel Engineer Regiment
2nd Lieutenant Scabbard and Blade
President Philomathic Literary Society '39
Interfraternity Lightweight Boxing Champ
Greeks
Excelsior
Alabama Quadrangle
A. S. M. E.
S. A. M.
St. Pat's Association
Officers' Club
Kappa Alpha



Omicron Cops College Offices



With the graduation of 13 actives next spring, the Omicron Chapter is faced with the necessity of a united pledging effort. At the present time the membership stands at

16 actives and 13 pledges, but each senior has vowed to replace himself with another man before his graduation.

The officers of the chapter for 1940 are: Regent, Glenn Kellogg; Vice-Regent, John May; Steward, Edward Burman; Scribe, Harry Zweifel; Corresponding Secretary, Henry Hughes; Marshal, James Bowman; Inner Guard, Verne Anthony; Outer Guard, Paul Carrigg; Faculty Adviser, Professor L. A. Ware.

During the first part of this school term we have been hitting a new high in scholarship attainment. A notice from the office of the Dean informs us that no active or pledge has less than an average rating in any of his classes.

Formal initiation ceremonies for three new actives were held on Founders' Day. The new actives are Brothers Charles J. Kippenhan,

Martin W. Stiller and Henry E. Hughes.

Brother Lutz, pledge captain, is representing our fine group of pledges. The group includes Dale Bushey, president of the freshman engineering class and Corliss Benson, chairman of the committee for the traditional Iowa Corn Monument.

We are proud of the representation held by the Omicron Chapter in the various organizations connected with the Engineering College. Brother John May is president of the Associated Students of Engineering and president of the student branch of the A. S. M. E. Brother Al Green is vice-president of the Associated Students of Engineering and president of the student branch of A. S. C. E. Also, Al is still mayor of Coralville, a suburb of Iowa City. Brother Charles Kippenhan is treasurer of the Associated Students of Engineering and corresponding secretary of Pi Tau Sigma. Brother Martin Stiller has taken over editorship of the "Quip and Quidity" column of the Iowa Transit. Brothers Glenn Kellogg and Paul Aschenbrenner, as operators at the University water plant, help to keep the taps flowing

clear and palatable. Brothers Carrigg and Zweifel are sampling and testing coal for the University.

The intrafraternity football season is getting under way and the boys are all full of pep and ambition. The Triangles, a competitive engineering fraternity on the campus, were foolish enough to challenge the mighty Omicroners to an unscheduled match, and were soundly trounced for their folly. It is rumored, however, that the sale of rubbing alcohol and liniment has hit a new high since the season opened.

Already the boys are laying plans for an attempt to cop the intrafraternity basketball title. This shouldn't cause us much trouble, with Tiger Ed Burman and Henry (Pride of Kentucky) Hardaway on the squad.

Early in October, the Omicron Chapter gave a smoker for 60 engineering students at the chapter house. The speaker was Professor Huber O. Croft, who gave us the lowdown on the flying course which has been instituted on the campus this year. After an enjoyable and enlightening talk, followed by a question-answer session, everyone went below for a bellyful of good old-fashioned apple cider and doughnuts. Luckily, the cider keg was of goodly size, and held out admirably under the terrific drain.

Those who remained at the house this summer were honored by a visit from Grand Marshal Curtis. We hope he'll be coming back this way again, when the rest of us are at home. Brothers Keith Willey and Carl Kinds-vater, Zeta '35, were guests at the house this

summer during the Hydraulics Conference.

Brother Victor Kelzer, Zeta '37, is living here at the house and taking graduate work at the University.

Last year's graduates have all been successful in finding employment, and are carrying on the Theta Tau spirit in their respective fields. Brother John Deters is working in the Mechanical Laboratory of the Standard Oil Co., at Whiting, Ind., Brother Gerard Simon is employed by the Revere Copper and Brass Co., Rome, N. Y. Past Regent Fred Kubias is employed by the General Communication Products, Inc., of Los Angeles. Of the class of '38, Brothers Ahrends and Stearns are in Rock Island, Illinois, working for the U. S. Engineering Office. Brother Steve Westaby is at the Carnegie Steel Plant in Gary, Ind., Brother Roland Krehbiel is employed by TVA, and Brother Winkelholz is at the Bartlesville, Okla., plant of the Phillips Petroleum Corporation. Brother Lopez has gone home to work for the Panama Government, and Brother Louis Butterworth is employed in the research department of the Standard Oil Co., Whiting, Ind. We understand that Brother Ray Stearns, '38, has acquired a better half. Who's the lucky girl, Ray?

We Omicroners are looking forward with hope of a walloping Hawkeye victory over the Gophers at the Homecoming game.

Cheerio, Brother Alphas, we'll be seein' ya, and here's to a better and bigger year for Theta Tau.

HENRY E. HUGHES

November 2, 1939

Pi Extends an Invitation to Other Chapters in True Southern Style



Pi Chapter's forty-nine actives, headed by Regent Stuart Ball, Vice-Regent John Ward, Scribe Thomas Robinson, Treasurer Douglas Hamm, Corresponding Secretary Mackall Childs, and House Manager Boyd Livesay, anticipate a busy and successful year.

With football the issue at hand, Pi is represented on the varsity squad by Brothers Kenneth Rathbun and Sylvester O'Grince. Both men have seen much action and are becoming listed among the mainstays on the rejuvenated Virginia team. Brother John Mallard turned out for varsity practice but due to the press of his studies was unable to continue. Brother Mallard will be remembered as the 165 pounder on Virginia's great boxing team of 1938.

The winter term will see Brother Hunter Reinburg, ace diver of last year's undefeated varsity swimming team, swing into action. Brother Reinburg is also head of the University tumbling team, so his value to Virginia athletics is not confined to his springboard antics. Again Brother Rathbun will do his bit, this time on the Varsity boxing squad, in the 175 pound spot. He was last year undefeated at this weight on the Freshman squad.

At a meeting held this Fall, the local chapter of Tau Beta Pi elected two Pi Chapter men to membership. Brothers Carl Peters and Warren Plunkett were accorded this honor.

The annual Chapter banquet was held last May at the Farmington Club. A party was held at the Chapter House following the dinner, and the fun continued far into the night. Brothers are now beginning to lay plans for the annual Engineers' Dance, usually held

sometime in January and sponsored by Theta Tau with Trigon, a competitive society.

The informal initiation of pledges to Pi was held on October 14, the occasion being Homecoming week end. In the traditional manner, the pledges were taught that the posterior may be used for integration and differentiation, and they were made to demonstrate their abilities during the half at the Maryland-Virginia game.

Formal initiation was held on the evening

of October 26, eighteen men being initiated, bringing the total number of actives to forty-nine, and leaving no pledges.

A cordial invitation is extended to all Theta Taus to drop in when they are in the vicinity of Pi Chapter. Let us have a word in advance and we'll try to get up something entertaining for you.

THOMAS A. ROBINSON

October 28, 1939

Rho Shows 'em Around



Here we are beginning the school year of 1939-40 when it seems that the world is on the verge of another catastrophe.

Rho Chapter, here in Raleigh, is not letting European affairs, however, interfere with its activities.

To begin the year with a bang we initiated eight new men who were carried through the summer as pledges. These new members are: J. M. Burnham, Charlotte, N. C.; T. E. Haynes, Burlington, N. C.; R. L. Tatum, Raleigh, N. C.; J. W. Andrews, Wilmington, N. C.; A. B. Wester, Henderson, N. C.; J. G. Filicky, Raleigh, N. C.; M. W. Nakoneczny, Burgaw, N. C.; (Brother Nakoneczny does not play football); D. C. Hughes, Hamlet, N. C.

When North Carolina State College celebrates its first High School Day by inviting every high school senior in the state to attend a football game on Armistice Day and to show them through the buildings and laboratories

on the campus, Rho Chapter will do its part by acting as guides for the seniors.

We will also serve as the official guides for the annual Engineer's Fair when it takes place in the early spring.

Rho is well represented on the campus this year. E. P. Davidson is the editor of the "Technician", the college newspaper; T. H. Blount, Jr., is Business Manager of The Southern Engineer, North Carolina's only technical journal; P. P. Gregg is a member of the Engineers Council as well as B. A. Hildebrand, F. O. Truslow and J. W. Andrews. Tau Beta Pi members are M. W. Nakoneczny, P. P. Gregg, T. M. Kolarik, A. B. Wester and F. O. Truslow.

The officers for the present year are: B. A. Hildebrand, Regent; S. W. Turner, Vice-Regent; T. H. Blount, Jr., Scribe; F. O. Truslow, Treasurer; J. B. Hathaway, Corresponding Secretary.

Rho chapter is really going to go places this year.

T. H. BLOUNT, JR., Scribe

Sigma Entertains Mothers, Improves Property, Checks Alumni



An initiation breakfast honoring Jim Garvey, Dick Snyder and "Cash" Payne was part of the formal initiation program set aside for April 23. Regent Zimmerman welcomed the new initiates and Jim Garvey responded

for the group. After this somewhat formal beginning each initiate told of his personal experiences during the week just passed. Of particular interest was Payne's account of the program he and the rest of the boys put on for the benefit of a campus sorority. Words

were laid aside for action during the paddle presentation which followed these talks—and did those new men learn the art of swinging the wood!

Sigma lost four good men by graduation in the spring quarter. Each man has contributed greatly to the fraternity nationally and locally, either directly or indirectly, through their campus activities. The men were, Norm Schoewe, twice Regent at Sigma and in his senior year served as Steward, Bob Dereenberger, Regent in his last year as an active, Carl Fischer and Al Ankrom who were the men responsible for making the Ohio State campus conscious of Theta Tau activity. Need-

less to say, we will miss the leadership these men gave us and it will take good men to replace them.

The present officers in Sigma for the coming year are: Jack Zimmerman, Regent; Jim Brown, Treasurer and House Manager; Perry Borchers, Scribe; Howard Dickason, Steward; Bob Detwiler, Corresponding Secretary.

Acclaimed by everyone present as one of the finest projects ever attempted, and a big success in every way, was the Mother's Day dinner in the spring quarter. If it was at all possible, each active's parents attended. Three large tables were needed to seat the large gathering. Except for the dinner no definite program had been planned nor was there need for any; the parents seemingly enjoyed each minute and spent the time in picture taking, joking, inspecting the house, chatting with one another and heckling Treasurer Brown.

Through excellent co-operation, the yard, driveway and interior of the house was beautified. Three successive weekends were spent with sore backs from sodding the front yard and draining and slugging the driveway. The change in the appearance of the yard was remarkable and the co-operation given by each pledge and active proved to us the fraternity spirit is alive.

Norm (Bucky Walters) Schoewe pitched his Theta Tau aggregation within shouting distance of a university championship in softball competition in the spring quarter. Had it not been for the one hit pitching of a vet. medical fraternity pitcher in the championship playoff we could officially claim ourselves as champs. Incidentally, the one hit by the Sigma boys was a triple by pitcher Schoewe. Such individual stars as Schoewe, Gibb, Scorekeeper Matthews and others, and the prevailing team spirit was reason enough for the successful season.

At least once each month, on a Sunday evening, the fellows will get together for an informal discussion, or properly called "bull-

session," on current topics concerning the fraternity. This is to supplant one of the active meetings and should also tend to stimulate spirit in the discussions of the following active meetings.

We hope every alumnus who can, will call on our new chapter to the south, Delta Beta, when in the vicinity of Louisville. Reports from several Sigma actives who visited there this summer were high in praise of the hospitality extended them. Every Sigma member as well as the fraternity as a group extend a welcome to Delta Beta and wish them all the success and good fortune.

The active chapter at Sigma now numbers twenty-three and the pledge class has eleven members. Seven of the pledge class are eligible for initiation which comes in the week of November 5. The men contemplating this quarter's initiation are: Russ Bartholomew, Donald Clark, Dick Ferrin, Clint Mohler, Ernie Oehling, Tom Smith, and Ivan Spritzar.

On November 18, the boys of Sigma chapter will greet their alumni at a Homecoming semi-formal dance at the Fort Hayes Hotel. As this is the date of the Illinois football game, any Kappa boys who might be in Columbus to see a good football team in action and who would like to celebrate (?) after the game should drop around. Would our faces be red if we lost after this statement!

We have inaugurated an alumni questionnaire system by which we hope to contact all of our alumni and give news of them in our chapter newspaper. Thus far, the idea seems to be gaining momentum and we hope to build up a good contact bureau by this method. If any Sigma alumnus reading this has failed to receive the questionnaire, please inform the corresponding secretary of this at once.

ROBERT H. DETWILER,
Corresponding Secretary

October 24, 1939

Tau Men Indispensable at Syracuse



Tau Chapter right at the moment is in the midst of preparations for the Annual Engineers' Party which is held each year with the freshman class as guests. This party was started in 1921

by Professor Hart of the M. E. division. Coincidental to his being Regent, John Horrocks is the chairman for this year. His is the biggest headache of worries, but then each division of each class puts on a skit during

the three hour program. Even burlesque acts fail to stop the enthusiasm of the classes.

Practically every member in the organization is reasonably busy with outside activities. Horrocks was a co-captain on the varsity crew last year. Then last spring he was selected to membership in Tau Beta Pi. He boasts membership in Phi Kappa Tau with Big Jim Gillespie. To add to his laurels, senior men's honorary, Phi Kappa Alpha pledged him later last year.

"Bill" Cole, the little man who has the big ideas and then proceeds to carry them out

was elected president of our branch of A. S. M. E. The program for the year already has shown an increased amount of activity and interest among all the classes. There are still some who try to find Bill when he will be without an answer or a subtle wisecrack. There are others of us who know better.

Ken Doman, the serious civil, gives his time to keeping in touch with the various chapters of Tau Beta Pi. Then too, he is kept moving by the activities connected with the Chapel Committee.

Paul Harold is publicity chairman for the Convocation Committee. As a member of Sigma Pi Sigma he was elected to Tau Beta Pi only a short time ago.

Bob Fogelsonger has a monopoly on the treasurer jobs in the locality. He fills that post in Theta Tau and Tau Beta Pi. He had another but resigned. To quote him, "Heck, I couldn't make any money on that one."

Willard "Big Stoop" Gillespie is called Jim in class. Besides being co-captain on the varsity Lacrosse squad he is also steward at the Phi Kappa fraternity house.

Frank Roehm is cataloger for Tau Beta Pi. He has memberships in Sigma Pi Sigma, Pi Mu Epsilon and is president of Scalp and Blade. He also spends some of his spare moments with Professor Howe, Rodney Wiggins and Paul Harold as speaker chairman.

Charlie "Buck" Rogers plays Lacrosse with the varsity. He is a Tau Beta Pi, and made

Pi Mu Epsilon last year. He is a fraternity man and is secretary of Kappa Sigma.

Don Bridgewater seems to have a yen for the out-of-doors because he keeps his activities confined to The Outing Club and Alpha Phi Omega. The latter is pretty wide and covers quite a field as it is the Scouting Frat.

Howard Ward, a new man last spring, is a member of Sigma Epsilon, a member of A. S. M. E., and vice-president of the same. During off times he sings with the University Chorus.

Don Brown is a Tau Beta Pi; being an electrical he does the stage lighting for the Engineers Party and the Civic University theatre at its presentations to the public. He is treasurer of A. I. E. E., and was a member of the Men's Student Civil Service Government.

W. Fred Wells, is vice-regent of this year's organization. His summer lasted until about the first of October, that is, he kept working at Solvay Process Co., and kept his studies going at the same time. He is associated with Sigma Chi fraternity.

Bob Herzog is Social Chairman for Kappa Sigma, is a Tau Beta Pi and a member of A. S. M. E.

Officers for this year are: Regent, John B. Horrocks; Vice-Regent, W. Fred Wells; Treasurer, Robert Fogelsonger; Scribe, Paul J. Harold. At present our chapter stands at 24 actives and 4 pledges.

PAUL J. HAROLD

October 30, 1939

"Beer=Bust" Grand Success for Upsilon



Upsilon Chapter here at Arkansas is moving right along. With the advent of our formal dance last year (the first the chapter has sponsored) Upsilon is awakening real interest over the campus. It's success

has resulted in our resolve to make the affair an annual event.

The officers and members of Upsilon have really "dug-in" to give Theta Tau at Arkansas the ranking it deserves. We opened the year with a campfire party—a so-called "beer-bust"—for members and a selected group of rushees. After both members and rushees had partaken of "suds", hot dogs, and all the trimmings, Dave Muir, our Regent, gave an informal talk on the purposes and benefits of Theta Tau as a professional fraternity.

Rushing ended in the pledging of a fine

group of future H & T men. Pledges: George Scott, Charles Wayman, Reginald Stuetgen, Pat Patterson, Edgar Pittman, Floyd Helms, and Thomas Furlow. Present active members include: Regent Dave Muir, Vice-Regent Gus Thompson, Scribe Dick Graham, Treasurer Frank Lewis, Corresponding Secretary Murray Thorne, Porter Gammill, Charles Hogan, Landon Brown, Norman Smith, Peyton Randolph, and Boyd Bullock.

Gus Thompson, our Vice-Regent, is also president of the local General Engineering Society.

The members of Upsilon Chapter have begun the year with a fine enthusiasm for upholding the standards of Theta Tau, and we feel sure that our ambitions toward building of Upsilon may be realized.

MURRAY J. THORNE,
Corresponding Secretary

October 30, 1939

Phi Frosh Go Berserk with Seniors' Cords



Phi sends best regards to all brothers in Theta Tau. The chapter finds itself well established at the time of this writing, for we have been fortunate enough to start this year with a strong active chapter, supplemented by a formidable number of pledges, the latter having been pledged at the end of the second semester last year. The chapter was successful in pledging eight freshmen during the first month of school. With the help of our present pledge class and a persevering effort on the part of all the actives, we have every reason to believe that we can reach an all time record in chapter strength.

The most outstanding improvement made upon the fraternity property during the past summer months was the complete redecoration of the chapter house, both inside and out. The exterior of the house was painted early in the summer, and a house cleaning crew, ably directed by Brother Wenthe, house manager, completely renovated the rooms before the start of the fall semester. All in all, the house is in fine condition this year, and we actives are very anxious to have a good many of our brothers back for Homecoming so that they may see the many improvements that have been made.

During the past two years Phi has attempted to place this chapter among the foremost fraternities in extra curricular activities on the Purdue campus. This year finds Brother Ott the business manager of *The Purdue Engineer*, and Brother Swander busily engaged on the circulation staff of the *Purdue Exponent*, the campus daily. In varsity athletics, Phi is well represented by Brother Schmidt in baseball and Brother Wenthe in track. We have two of the best candidates on the freshman track squad in pledges Winner and Flickinger, and husky pledge Benney will be in there grappling on the freshman wrestling team. A newly

formed weight lifting club has pledged Currie among its charter members.

Among other activities we find pledges Coers and Mitchell in the Purdue Military Band and the Glider Club, respectively, while pledge Rogers has recently been initiated into the Zouave Squad which is, by the way, one of the snappiest and most precise military drill organizations to be found in many an R. O. T. C. unit. In the advanced military training course are Brothers Kuznicki, Ott, Prater and Weglinski. Brother Ott has recently been pledged to the Purdue Order of Military Merit, a military honorary on the campus.

The regular officers for the year are: Eugene Kramer, Regent; William Ott, Vice-Regent; William Scherrer, Scribe; George Ference, Guard. The chapter has found the election of assistant officers, for the purpose of aiding certain of the regular officers, to be a worthwhile practice. Accordingly, the following assistant officers were recently elected: Kenneth Swander, Asst. Scribe; Russel Schmidt, Asst. Treasurer; Bill Jordan, Asst. House Manager. Brother Jordan is also the Social Chairman for the year, and the social life at Phi Chapter is definitely on the upgrade due to his untiring efforts.

Brother Kenneth Crouch, the chapter athletic manager has been fulfilling his duties in grand style by inspiring all the fellows to participate in intramural fraternity athletics. The fruit of his efforts came last week when Theta Tau walked off with the first award in the interfraternity cross country tournament. The members of this winning combination were Actives Crouch and Wenthe and pledges Miller and Winner.

An old campus tradition among the seniors is the one of wearing yellow corduroy trousers at the first home football game of the season, and from then on throughout the senior year. In order for a senior to be eligible to wear these highly prized "cords", he must secure them several days in advance of the football game, and hide them somewhere in the chap-



Curry at his best



Frazer, Ott, Crouch, Kramer



Slide rule class in the lounge

ter house. The underclassmen then have the privilege of hunting for the "cords", and, if successful in their search, of marking them up to the complete disgust of the seniors who own them. This year's freshman class did a pretty good job of marking up two pairs of these senior pants with several bottles of black India ink. In spite of the gallant fight put up by Brothers Ott and Kramer, to prevent this harsh treatment of their beloved "cords", they came out second best in the battle.

Our social chairman, Brother Bill Jordan, is earnestly at work making arrangements for a semi-formal Christmas dance to be held in one of the ballrooms on Dec. 9. Invitations are to be extended to all the alumni in the vicinity. Brother Jordan will also be more than glad to send out bids to any alumni from a greater distance. Come on, you Phi alumni, let's see a good many of you back here both at Homecoming and at the Christmas Dance! We'll also bid you a fair welcome at any other time during the school year



Phi Chapter House

when your business, health, or "ball-and-chain" allows you to drop around. We fellows of the active chapter would really like to become reacquainted with those of you whom we have not seen for some time. The chapter house is always open.

WILLIAM SCHERRER

October 30, 1939

Chi Business Men Collect Tolls on Chapter Lot



Greetings to Brothers of Theta Tau!

Although Chi Chapter lost 16 men by graduation, our remaining actives, 23 in all, returned this fall with the exception of Brother King who is now serving active duty

in the army.

The Fall activities hit their stride with a Founders' Day banquet on October 15. There were 20 actives and 15 alumni present. Richard Bennett, Water Superintendent for the city of Phoenix was the speaker of the evening. He emphasized the importance of protecting the professional standing of the engineers. Much can be done in this line by further classifications of engineering positions. Professor Jimerson reported on the building corporation. The Theta Tau lot is now completely paid for and until sufficient funds have been raised to construct a house, we are making some money by using the space as a parking lot for faculty members.

Following the Founders' Day banquet, the annual meeting of the Southwestern Alumni Association was held. At this meeting Richard Bennett was elected president with John Rauscher elected secretary-treasurer. As an item of special business, a committee consisting of Pete Kiernan, Kenny Cloud, and Frank Losee was appointed to assist the local active chapter in collecting delinquent tomb fund pledges.

Chi Chapter rounded off last year's activities

with a formal dinner dance at the Pioneer Hotel honoring the new pledges: Rich, Lyons, Seledy, Sherman, High, Kotechi, Loving, Marum, Bly, Pinkley, Lowe, and Caldwell.

The seniors had their last fling when the chapter honored them with a banquet at the San Carlos Cafe. A very enlightening talk was given by Dean G. M. Butler on "Handicaps" and how to meet them. "Baldy" Thornburg ably handled the toastmaster's chair, and the highlight of the evening was the presentation of a gold gavel to Past Regent Cushing. The seniors honored were: Elliott Cushing, who is now with the U. S. G. S. at Tucson, LaMothe at Randolph Field, "Hank" Sorhn with the Arizona Highway Department, Jim McLean with the Caterpillar Tractor Co., Borquist at Cal. Tech., Clark with the American Brake Shoe and Foundry Co., Bejcek with the Maricopa County Irrigation District, Willet Van Loo at Yuma with prospects of a job in the Denver office of Bureau of Reclamation, Nicholas now at Pensacola Naval Base, Medford in Chicago, Dave Orr with the Phelps Dodge at Morenci, West operating a mine at Congress Junction, Stevens with the Central Arizona Light & Power Co., George Warr with the war department at Portland, Oregon; other seniors honored were Mike Denn and Charles Chase.

The Chapter held its most successful open meeting on October 24, to acquaint prospective members with the fraternity. There were 22 actives and about 20 guests present representing a wealth of pledge material. At the



First row: Loving, Cody, Bly, High, Andreas, Marum, Pinkley, Rich
 Second row: Prof. Polk, Garret, McKay, Thomas, Prof. Thornberg, McPherson, Seeley,
 Lyons
 Back row: Fink, Prof. Jimerson

meeting Mr. William Mathews, Editor of the Daily Star, discussed his personal experiences in Europe this summer and presented his views on the present war situation. Election of new members to the fraternity will be held in the near future.

We hope that our new crop of members will be as outstanding as some of our present members. The most outstanding member is Regent McPherson, now President of the University Student Body, member of Blue Key (Senior honorary), A. S. C. E., A. R. B. A., Kappa Sigma, and Scabbard and Blade. Others are, Harry Kotechi who is President of Tau Beta Pi, member of Blue Key, A. R. B. A., A. A. E., and Sigma Chi. Harry Garret, Chapter Treasurer, is President of Engineers' Council, President of A. I. M. E., member of Delta Pi Sigma, Tau Beta Pi, and Rifle Team.

Angus McVicar, Vice-Regent, is President of A. I. M. E., member of Tau Beta Pi, and Engineers' Council. Al Fink, Corresponding Secretary, is a member of Tau Beta Pi, A. S. C. E., A. R. B. A., Engineers' Council. Jack Andreas is Scribe of the Chapter and vice-president of A. I. E. E. McVicar and Bly were just elected to Tau Beta Pi this fall.

The Chapter plans to continue the policy of having talks by men in other fields to broaden the engineer's aspect of life. We expect this plan to be carried out to the greatest advantage this year.

Chi Chapter extends its best wishes to all members of Theta Tau and hopes they have a most successful year.

JACK ANDREAS, Scribe

AL FINK, Corresponding Secretary

October 28, 1939

Psi Enjoys Maximum Membership



Psi Chapter inaugurated what has promise of being an extremely active and successful year by pledging nineteen men, and initiating sixteen men into active membership. Our number has grown through the relatively short existence of the chapter to the maximum number allowed by the constitution. We now have forty-three actives and twenty-five pledges.

Our losses by graduation are going to be large in the spring, but a superior bunch of pledges are on the way!

The following men were initiated on October 8: Carrol Ward, Matt Rowe, Reino Hyppa, Robert Willson, Francis McCavitt, Tom Prater, Eugene Nelson, Herman Neibauer, Stanley Huckaba, Harold Lake, Ora Rostad, Bob Moreen, Bob Corbett, Kenneth Stodden, Art Beynon, and Clifford Sherwin.

Our Regent-elect for the year, Charles Ly-



Left to right: Kenneth Dodd, Charles Beckstrom, Gordon Fay, Tom Greene, Larry Eck, Stan Kappel, Fred Pope

den was unable to return to school this fall, but we look forward to having him back next semester. Lyden, unfortunately, was an amnesia victim, but has completely recovered. In his absence, Dee Loughridge was elected Regent. Other officers are: Vice-Regent, Larry Eck; Treasurer, Kenneth Dodd; Scribe, Stanley Kappel; Marshal, Tom Jancie; Inner Guard, Harold Hill; Outer Guard, Thor Johnson; Corresponding Secretary, Edgar Barnes.

Frank Corr was elected to the office of Secretary-Treasurer of the Student Body. Sherman Lang, and pledgee Tiltman Larson were elected President of the Senior and Sophomore classes respectively. Stanley Huckaba is this year's holder of the A. I. M. E. Scholarship. Going great guns on the football team this fall are Edgar Barnes, co-captain, half-back; Bob Bixby, fullback; and Matt Rowe, end. We are doing our share to keep the Miners on top this season.

Brothers Clarence Schrader, Carrol Ward, Tom Luebben, Don Thompson, and Alex Christie are wholeheartedly welcomed back to school after a year's absence. We are extremely happy to have Dr. S. R. B. Cooke, alumnus of Iota Chapter, here at Montana Mines as head of the Mineral Dressing Department.

Psi held its Founders' Day Party at Echo Lake Lodge on October 14th. Plans are now under way for a house "fireside" Halloween party. A number of games are to be played, and some of the boys have exhibited some truly revolutionary ideas, particularly "mugger" Eck, "Cassey" Scholtz, and "jitterbug" Loughridge, not to mention the President of the Co-ed Club, August Rambosek.

EDGAR BARNES

October 27, 1939

Omega Initiates Fourteen New Pledges

RAPID CITY
S.D.

Omega Chapter sends greetings to all active members and alumni. We are well under way for another year and hope that it will be as successful and even better than last.

Twenty-one actives have returned to the campus, ten of which are occupying the house along with nine pledges. After a week of fixing and house cleaning, and the addition of two floor lamps, the house is in condition. Mrs. Muckler is reelected to try to satisfy the hungry mob with her good cooking, while "Housie" Stevens began his duties of making both ends meet with the house expenses.

We are happy to announce the addition of two new trophies to our collection. Both are

intra-mural sports cups which we won last year for having the most points of any organization on the campus. Congratulations for these cups go to Brother Lubker for his fine work as athletic manager for last year. Brother Bigelow has been elected to the job this year, and has started out with the drive that we hope will win us more prizes. Tennis and ping pong have been the only sports completed this fall. Boxing and tumbling have been started and many Theta Taus have signed up in each.

Omega Chapter wishes to announce the addition of fourteen new members who were initiated October 21, in a midnight ceremony. "Hell Week" started for the pledges the week previous and continued throughout the week. The new initiates spent Friday night in a

hunt for a variety of treasures, and walking sentry duty in front of the house. After an informal initiation on Saturday night Regent Gilbrough led a very impressive candlelight ceremony. We are sure that these new members will do their part to keep the name of Theta Tau going long after they have graduated. Those new members are Brothers Harry Zeidner, Edward Gamberg, Wilbur Manuel, Karl Crawford, Don McGarvie, Adolph Gavings, John C. Smith, Harold Richardson, Robert Haire, Richard Cole, Robert B. Hill, J. Wallace Hall, Verne Atwater and Earle Hubbard. These new members bring the chapter roll up to a total of thirty-five. A banquet at the Alex Johnson Hotel brought the week to a successful close.

Omega Chapter has been working on a news letter which will soon be published. We hope to have considerable alumni news in the letter.

Homecoming Day is set for November 11th and we are all looking forward to a real Theta Tau reunion.

Brothers Harding, Hubbard, Lindley and Lee, and pledges Egemo and House have been the chapter representatives on the school's football team. These men are all lettermen from last year.

Best wishes to the National Council and to all our Brothers in Theta Tau.

J. GOLDSMITH

October 30, 1939

Gamma Beta Keeps Rescue and Riot Squads Busy



The Gamma Beta Farewell Banquet was held at the Hay Adams house on June 7th at which time the Chapter presented recognition pins to all of the past Regents. Plans of the alumni group were

discussed for the benefit of the men leaving school.

Five new members were pledged and the date of their initiation set for October 14, 1939. The new men are Joe Hartman, Erving Ballou, Merwyn (Pop) McKnight, George (Mad Russian) Kalv and Charles Kurz.

We had two summer parties this year. The first, a swimming party, took place at the home of a friend of Marshall Estabrook; the second a beach party at Frank Mitchell's cottage on South River. Brother Johnston went for his first sailboat ride and a rescue squad had to be sent out to tell him to get back to the boat house before dark. After dinner,

Brother Millard led the singing and the riot squad was called out to save all of us from the local citizenry.

The new officers are: Regent, Ira K. Jones; Vice-Regent, Bert Randall; Scribe, E. Kemper Sullivan; Marshal, Carl Estabrook and Engineer's Council representatives, Ira K. Jones and Guy B. Watson.

We are planning a rush party to be held at Deacon Ames' home on November 4th. Hope to have about forty men out to meet the Brothers and expect to find some good material for the chapter.

The Brothers at Gamma Beta suffered two set-backs since our last letter to THE GEAR. Brother Russell Carr and Dean John Lapham were called Home by the Supreme Regent and G. W. has lost two fine men and leaders.

Gamma Beta is planning to send a large delegation to the convention if it is held at Chicago this December, so here's hoping.

GUY B. WATSON

October 30, 1939

Southwestern Alumni Association Elects Officers

At the annual meeting of the Southwestern Alumni Association, held at the Pioneer Hotel, Tucson, Arizona, on October 15th, the Association elected the following officers to serve during the coming year: President, Richard Bennett; Secretary-Treasurer, John Rauscher. Bennett is the chief designing engineer of the Phoenix water system, while Rauscher is the office engineer of the Tucson water department.

A committee of Pete Kiernan, Kenneth Cloud, and Frank Losee was chosen to contact all alumni who do not at the present time own a \$10.00 share in the building fund. Faculty aid to the committee was promised by

Professors E. S. Borgquist and H. A. Jimmerston of the University of Arizona.

H. A. Jimmerston, member of the U. of Arizona faculty, has been active in renting space on the Theta Tau lot for parking, many faculty members taking advantage of the ideal location, since the old parking lot has been vacated because of the construction of the new Mines building.

JOHN F. RAUSCHER

October 29, 1939

EDITOR'S NOTE: For further Southwestern Alumni news, see "Alumni News" section.

National Capitol Alumni Association Plans Active Year

The regular meetings of the National Capitol Alumni Association to be held during the 1939-40 season, other than joint dinner meetings with Gamma Beta Chapter, will be held in the Acacia Fraternity House, 1757 N Street, N. W.

Major Walter D. Luplow, Alpha '17, who was formerly in charge of the Map Collection at The Army War College, Washington, D. C., has recently been transferred to the Command and General Staff School, Fort Leavenworth, Kansas. One of the most interesting programs ever featured by the N. C. A. A., was a talk last year by Brother Luplow on the

origin and development of maps.

Brother Ellenberger is our main source of supply of news inasmuch as he is probably our most active and reliable member.

The National Capitol Alumni Association expects to have a very successful year and sincerely wishes that the active and the alumni chapters of Theta Tau will have the same.

ALAN M. STAUBLY

October 24, 1939

EDITOR'S NOTE: Interesting news, included in the National Capitol Alumni letter may be found in "Alumni News".

Intermountain Alumni Association Introduces Advisory Board

Dear Brother Howe:

I want to compliment you on the 1939 Theta Tau Directory. It has certainly been a great help to us in getting out our first circular letter for our next banquet. There will be fifty or more Theta Tau members from other chapters who reside in this vicinity who will be notified of our next meeting. In the past we have been at a loss to know how to find these Theta Taus.

To stimulate interest and to get more help

in running the affairs of I. A. A. of Theta Tau, an advisory board of eight members was elected in addition to the regular officers of the Association, as follows: Advisory Board: Otto Herres, Ralph Gray, Guy Hart, A. J. Gibbons, Max Schick, Ray Gillis, L. F. Pett, Kenneth Crupper. Executive Committee: Sumner G. Margetts, President; Brenton W.



Sumner Margetts, President,
Executive Committee



B. W. Jennings, Vice-president,
Executive Committee



C. M. Anderson, Secretary-Treasurer

Jennings, Vice-President; C. Milton Anderson, Secretary and Treasurer.

The next banquet of the Intermountain Alumni Association is to be held November 11, 1939, Hotel Utah, 6:00 P. M. Dr. Baldwin M. Woods, Professor of Mechanical Engineering, University of California, and Chair-

man Region 8, National Resources Planning Board will speak on "Where We Stand in Aviation." Also speaking will be Mr. Walter L. Huber, of San Francisco, Consulting Engineer, National Resources Planning Board whose subject is to be announced.

C. MILTON ANDERSON

Kansas City Alumni Now Officially Chartered

The Kansas City Alumni Association has enjoyed a very successful season. The Association has now been officially chartered and operations have been conducted this last year on the basis of a meeting every three months; however meetings in the future will be held each month.

Programs for past meetings have consisted of one chicken dinner (this was a very suc-

cessful meeting, the food being so good that Brother Grist finally moved in where he could get chicken three times a day) and two meetings held in the homes of Brothers Englund and Bruzelius—the wives also attended the latter meeting as well as one at which Brother Brotherson exhibited natural color photographs taken on a recent trip through Mexico.

Our group attended the Founders' Day banquet given by Zeta Chapter October 15th. Principal speaker at this banquet was Past Grand Regent Hopkins, who gave a very interesting and informative address. An amusing sidelight on Brother Hopkins' visit concerns a difficulty over his pullman berth on the train returning him to Chicago. The railroad attempted to pull themselves out of the red by selling the same berth to Brother Hopkins and another citizen. The other citizen got there first. Brother Dwyer kidnapped the conductor, thus preventing the train's departure until Brother Hopkins was provided with a place to sleep.

BOB RUSSELL

October 18, 1939



Bruzelius and daughter entertain K. C. A. A.



Don't look now but its Dwyer, Nusser and Feil

Alumni News

ALPHA

LEE R. HARTMAN, '14, represents the Flint-kote Company in the northwest and his address is 3144 Holmes Ave., Minneapolis, Minnesota.

G. ALBION EK, '16, engineers for Buick Division, General Motors Corp., Flint, Michigan; resides at 1106 Church St., Flint, Michigan.

KENNETH A. JOHNSTON, '20, is superintendent of the U. S. Coal and Coke Company, Mexico, Kentucky.

GEORGE H. MORSE, '22, has changed his home address to 2905 Raleigh Ave., St. Louis Park, Minnesota.

CARROLL L. ELLIOTT, '30, notifies us that he is now living at 1125 Lakeview Blvd., Albert Lea, Minnesota.

GEO. B. BRIMMALL, '33, has requested his GEAR be mailed to 6018 Pinewood Road, Oakland, California.

JAMES R. (BOB) HEISING, '37, is assayer for

the Alaska-Pacific Mining Company, and for the next two years can be reached by addressing, c/o Independence Mine, Wasilla, Alaska.

DONALD W. SCOTT, '38, climbed another rung on the ladder of success when he joined the technical staff of the Battelle Memorial Institute of Columbus, Ohio. He has been assigned to the concentration division. Don received an M.S. from the University of Alabama this year where he held a U. S. Bureau of Mines research fellowship. Good luck to you, Don.

ROBERT F. HODGMAN, '38, notifies us he is now at 422 S. Spring Ave., Tyler, Texas.

MILLARD A. TROXELL, '39, has stepped out into the cold cruel world and associated himself with the General Chemical Company at Galax, Virginia.

BETA

WALKER B. LONGAN, '09, can be addressed at Paradise, Butte County, California.

W. A. RIGBY, '12, as superintendent of the Fort Montgomery Iron Corporation, R. F. D. No. 1, Highland Falls, New York, has a record that speaks for itself. He has been with the same company or interests for about twenty years.

CLIFFORD HOAG, '13, for the past thirteen years superintendent of the Pecos unit of the American Metal Company which is now closed down, sailed on August 5th for the Gold Coast Colony, West Africa, where he will be assistant manager of Ashanti Gold-fields Corporation, Ltd.

JOSEPH DAVID, '15, can be addressed at P. O. Box 270, Placerville, California.

STANLEY ZIMMERMAN, '15, has been appointed to the Board of Control of the Michigan College of Mining and Technology.

S. H. LOKAIN, '17, of the U. S. Bureau of Mines, Moscow, Idaho, will have charge of a survey which the Bureau will carry on in the Yellow Pine District, Valley County, Idaho, for the next four years.

ERNEST J. BRETON, '20, recently sent forwarding postage for his directory to be sent to him at 324 Sycamore Place, Sierra Madre, California.

J. M. JOHNSTON, '24, informs us that his correct title and address is District Engineer,

Idaho Bureau of Highways, Coeur d'Alene, Idaho.

NILS E. NILSEN, '24, not satisfied with being just general manager of the Emperor Gold Mining Co., Fiji Islands, is also manager of the Loloma property.

HANS H. SCHOU, '34, on Sunday afternoon, October 29, at 4:00 o'clock shed his cloak of singleness for Miss Beatrice Des Jardins Tetreau, of Tucson, Arizona. They are now in Bisbee, Arizona, where he is connected with Phelps-Dodge Corp.

E. A. KRIEG, JR., '35, said his goodbyes to Babo, New Guinea, and hello to Port Moresby, British Papua, East Indies, where he has taken over the job as computer for the Humble Oil & Refining Company.

EDMUND KORYBALSKE, '37, is in line for congratulations upon his recent marriage.

HERBERT F. KROHN, '38, moved recently from LaGrange, Ill., to 315 W. Packer Ave., Bethlehem, Pa.

NORMAN MOBERG, '39, spends his working hours in the engineering department of the Oliver Iron Mining Co., at Ishpeming, Michigan. Sorry, we don't know a thing about his leisure hours. How about it Norm?

RONALD CAMPBELL, '39, slaves in the metallurgical department of the Carnegie Illinois Steel Corporation in South Chicago, Illinois.

TOM WATSON, '39, has accepted a position in the electrical department of the Carnegie Illinois Steel Corporation in South Chicago, Illinois.

RAY ROWSE, '39, does his bit in the sales department of the Timken Bit Company.

W. HARRY CARSON, '39, is in the sales department of the Goodman Mine Machinery Company of Chicago, Illinois.

GEORGE TURNER, '39, is employed by the Clarke Truck-Tractor Company of Battle Creek, Michigan.

GAMMA

R. R. BRYAN, '08, formerly of Manilla, is now with the Cia. de Real del Monte y Pachuca, and can be addressed at Apartado 3, Pachuca, Hidalgo, Mexico.

A. J. MAY, '12, must possess a flying carpet! He is here, he is there, he is everywhere. First we learned that he had returned from the Big Bell Mine, Big Bell, Western Australia, and was located in Salt Lake City, Utah, with the American Smelting & Refining Company. Next thing we know, he pops up at the Yellow Jacket Mine, Forney, Idaho, and now as we go to press we are informed that he has joined the forces of Wenzel & Henoch, contractors for the \$5,000,000 Chicago subway. Incidentally, I believe we would all like to hear about the construction of this huge project.

S. POWER WARREN, Hon. '13, now makes his home at 1606 Arlington Avenue, Reno, Nevada, after having been at Silver Peak, Nevada, for several years.

H. S. MCKNIGHT, '15, manager of the electrolytic refinery of Canadian Copper Refineries Ltd., at Montreal East, is increasing the size of the plant to 100,000 tons of copper monthly.

BEN C. ESSIG, '15, vice-president of the Gardner-Denver Company, is on a several months business trip to South Africa and is slated to return to Denver via London.

WAYNE A. HARROD, '16, since June, has settled himself at 918 South Beacon Street, Los Angeles, California.

LINCOLN EHNBOEM, '17, returned to Idaho Springs and the Argo Mill from Nevada. He can be addressed at P. O. Box 686, Idaho Springs, Colorado.

S. D. CUNNINGHAM, JR., '21, by the way, is manager of the Crane Company, Salt Lake City, Utah, with a post office box number 1410.

LOUIS V. RHODES, '22, district manager of the Sullivan Machinery Company was transferred to Spokane, Washington, where his mail address is P. O. Box 74.

ALLEN E. HAMBLY, '23, is patent attorney for the Byron Jackson Company. His mailing address is Box 1307, Arcade Station, Los Angeles, Calif.

JOSEPH A. RYAN, '23, attorney for the Allied Chemical & Dye Corporation has a change

of address to Room 720, 40 Rector Street, New York City.

T. N. SLAUGHTER, '23, is way off in Nicaragua. His official address—and title, mill shift boss for the La Luz Mining Co., Siuna, via Puerto Cabezas, Nicaragua, C. A.

DANIEL C. FROBES, '24, for many years the Intermountain representative of Hersey & Co., Seattle, Washington, distributors of special mine appliances and ventilating equipment, has formed the Daniel C. Frobes Company of Salt Lake City, succeeding Hersey & Co., in the field formerly covered for them.

GERALD H. PARKINSON, '25, is in deep dark Africa where he holds the title of acting manager of the Abenab Mine, South West Africa Company Ltd., and it must have taken him a pretty piece of time to memorize the address: Box 2, Grootfontein, South West Africa, to say nothing of pronunciation.

LEROY T. BROWN, '26, shows on his letter the address of Minas de Matahambre, Prov. de Pinar del Rio, Cuba.

C. A. WEINTZ, '27, is located at 101 Tahoma Road, Lexington, Kentucky, where he is geologist for the Stanolind Oil & Gas Co.

ALBERT L. LADNER, '27, has left the Texas Company to form the Apache Exploration Company of which he is president.

HUGO REIKEN, '28, receives his checks from the Minnelusa Oil Company at Columbine, Wyoming.

P. W. SIMMONS, '29, at present is service engineer for the Patterson-Ballagh Corp., Ltd., and resides at 7675 1/4 Whitsett Ave., Los Angeles, Calif.

THEODORE F. ADAMS, '29, has returned from the Philippines and is now getting his mail at Box 1343, Denver Colo.

WILLIAM W. CLINE, '30, vice-president of the Rocky Mountain Drilling Co., has moved to California and his mailing address is Box 577, Bakersfield.

CLAYTON D. KERR, '30, and Mrs. Kerr have an addition to their family in the person of Jo Ann, born March 10, 1939. We advise he start working on the Stanolind Oil & Gas Company of Ellinwood, Kansas, for a raise right now.

JACK COOLBAUGH, '31, arrived in South Africa

- early in the summer and took over the duties of Technical Representative for the American Cyanamid & Chemical Company. His address is care of South African Cyanamid (Pty.) Ltd., 131 Cullinan Bldg., Main & Simmonds Streets, Johannesburg, Transvaal, Union of South Africa. Whew!
- WALTER H. ZWICK, '32, made a vacation trip, with Mrs. Zwick, back to the States this summer. He is connected with the Cerro de Pasco Copper Corporation of Morococha, Peru.
- ERNEST BOND, '32, is in line for congratulations on the birth of a son, Robert Mitchell, born August 15, 1939, in Wichita, Kansas.
- PAUL G. SHARP, '32, holds a position with the Mines Equipment Company of St. Louis and should be addressed at Rivermines, Missouri.
- ARTHUR B. AUSTIN, '32, has been transferred by the Hercules Powder Company to Wilmington, Delaware, and after working hours can be found at 809 North Adams Street.
- LOUIS P. BARTHOLOMEES, '32, holds down the job of shift boss for the Suyoc Consolidated Mining Company, Baguio, Mountain Province, P. I.
- SHERMAN W. JOHNSON, '32, has signed up with the Combined Metals Reduction Company at Tooele, Utah, and is residing at 120 South Main St., Tooele, Utah.
- C. E. OSBORN, '33, is now mill superintendent of Mine Operators Inc., who are working the Capsay mine on the island of Masbate. His address is Capsay, Rio Guinobatan, Masbate, P. I.
- MELDIN E. VOLIN, '33, who has been with the Morse Brothers Machinery Company in Denver, is now junior mining engineer with the U. S. Bureau of Mines at the Southwest station in Tucson, Arizona.
- C. A. HULL, '33, was transferred to Hobbs, New Mexico, by the Shell Petroleum Corporation who, by the way, is his employer.
- ROBERT W. HARRISON, '33, resigned his position as Division Petroleum Engineer for the Continental Oil Company at Houston to be petroleum engineer with the firm of Parker, Foran, Node, and Boatright, and is making his headquarters at the company's new offices at 208 Lancaster Bldg., Calgary, Alberta, Canada.
- T. E. GIGGIE, '34, sales engineer for Ingersoll-Rand, is now in El Paso and his mailing address is P. O. Box 941.
- EDGAR H. JEFFRIES, '34, erecting engineer for the Surface Combustion Company, lives at 2227 Tudor Road, Cleveland Heights, Ohio.
- KEPPEL BRIERLY, '34, changed his employment from the Public Service Company of Colorado to the Denver Public Schools.
- ROBERT RIEGEL, '34, Foreman, Electric Weld Tube, Republic Steel Corp., has changed his address to 203 E. Judson, Youngstown, Ohio.
- JAMES F. NEILL, '35, who is with The Texas Company, is now at Monument, New Mexico.
- CARL MORRIS, '36, who is an erection engineer for Allis-Chalmers Mfg. Co., has taken up new living quarters at 1203 So. 73rd St., Milwaukee, Wisconsin.
- HUBERT RISSE, '37, is now a "has been" bachelor as of July 9, 1939. Her name was Miss Sarah Ann Griffith of Bradford, Alabama. The love nest is located at Flat Creek, Alabama, where Hubert is engineer at the Colta mine of the Alabama By-Products Company.
- THOMAS C. BAKER, JR., '37, lends his assistance to the Golden Queen Mining Co., at Mohave, California.
- ROSS M. PHILLIPS, '37, is connected with an oil company in Oklahoma, with his home at 1620 East 36th Court, Tulsa, Okla.
- WILLIAM EDWARD STRAIN, '38, is computer for the United Geophysical Company in California, with residence at 703 Colina Lane, Santa Barbara.
- GENE MEYER, '38, is concentrating in the concentrator of the Nevada Consolidated Copper Company at Hurley, New Mexico.
- CHARLES F. REDMON, JR., '39, who recently "middle-aided" it, is at Tulsa, Okla.
- JOSEPH E. HOPKINS, '39, was married on September 9, 1939, to Miss Ellen M. Clausen of Chicago. He is assistant thawing engineer for the U. S. S. R. & M. Co., at Nome, Alaska, and P. O. Box 513, Nome, is his address.
- L. D. ANDERSON, '39, was married to Miss Marguerite Tuttle, July 5, 1939, in Castle Rock, Colo. He is now employed by the California Spray Chemical Co., Kingman, Ariz.
- A. S. CROWLEY, '39, has landed with the Denver Gardner Company at Quincy, Illinois.
- G. H. GILSON, '39, trekked north to associate himself with the Independence Mine in Alaska.
- J. W. LIDDLE, '39, can be found with Flin-Flon in Canada.
- C. W. DELONG, '39, went East to accept a position with the Traylor Manufacturing and Engineering Co., New York.
- HARLEY J. McDONALD, '39, gathers his shekels from Carnegie-Illinois Steel Co., Pittsburgh, Pa., and incidentally, was married to Miss Maxine Livingston of Wichita, Kan., September 16, 1939. At home—602 12th Ave., Munhall, Pa.
- ARTHUR DETMAR, '39, spends his eight hours per day with the Magnolia Company, Navasota, Texas.
- JIMMY MILLS, '39, holds forth at the Caterpillar Co., in Peoria, Illinois.
- HERBERT YOUNG, '39, jaunted down to Chile for work with the Braden Copper Co.

DELTA

ZAY JEFFRIES, Hon. '10, James Douglas Medalist of the A. I. M. E., Howe Memorial Lecturer, 1930, and one of the leading authorities in metallurgy, is still with the General Electric Company, Nela Park, Cleveland, Ohio.

CHARLES R. KUZELL, '10, has been named to succeed Michael Curley, who is retiring, as manager of the New Cornelia Branch Phelps Dodge Corporation at Ajo, Arizona. This is one of the major copper properties of the world. Prior to this appointment, Brother Kuzell was smelter superintendent of the United Verde Branch at Jerome, Arizona, and has been associated with the Jerome property since 1918.

R. L. ZAHOUR, '23, since July 15th has made his permanent residence at 61 Windsor Street, Waterbury, Connecticut. He is Lighting Director of the Connecticut Light & Power Company there.

AUSTIN G. NAUERT, '36, packed up his bag at 2090 Arthur Avenue, Lakewood, Ohio, and migrated to 3433 Clifton Avenue, Apartment 312, Cincinnati, Ohio.

KENDALL E. THOMAS, '37, partook himself from Pittsfield, Massachusetts to locate at 3320 155th Street, Flushing, Long Island, New York.

DONALD L. SNOW, '39, formerly of Cleveland, Ohio, has a new mailing address of, 622 Mendota Court, Madison, Wisconsin.

EPSILON

WILLIAM D. McMILLAN, '13, formerly manager of the American Girl mine at Ogilby, Calif., which ceased operations recently, has gone to South America where he is associated with the El Canada Mines Co., at Pasto Narino, Colombia.

EDWARD WISSER, '17, consulting mining geologist, is spending the winter in research work at Johns Hopkins University, Baltimore, Md.

V. A. BRUSSOLO, '20, writes very briefly requesting that we note his change of address—which we did, and now pass on to you. North Camarines Gold Mining Company, Paracale, Camarines Norte, Philippine Islands.

F. G. TRESHER, '20, took over the duties of acting manager of the San Francisco office of the Hercules Powder Company.

VINCENT D. PERRY, '22, has changed his address from Los Angeles to 818 Kearns Bldg., Salt Lake City, Utah.

LAWRENCE F. MOREL, '22, received promotion to general manager of the San Luis Mining Company, Tayolilita, Durango, Mexico. This is an important mine in Mexico and Morel has been with the company for many years.

JAMES B. CHAMBERLAIN, '24, who has been in Bolivia for some years, returned to the United States last August and is now at 1528 North Kenmore Ave., Los Angeles, Calif.

W. L. DE CARBONEL, '28, consulting geologist in Manila, P. I., was recently elected secretary-treasurer of the Philippine Island section of the American Institute of Mining Engineers.

CHAS. W. MERRIAM, '28, lends his knowledge to the Department of Geology of Cornell University—for a consideration.

H. D. ERWIN, '29, in ordering his copy of the Directory, states that he is now employed as a geologist with the Patino Mines & En-

terprises, Inc., and can be reached in care of this company at Llallagua, Bolivia.

G. F. SEAGER, '30, has been spending his working hours working on a report on the Jardine area for the Montana State Bureau of Mines.

ROBERT COATS, '31, who is with the United States Geological Survey gives his new address as 600 20th NW., Washington, D. C.

T. ALFRED SNEEDEN, '33, who has been acting superintendent of the Octave Unit, Arizona, for the American Smelting & Refining Co., has been made superintendent of the Trench Unit, Patagonia, Arizona.

J. J. STRUTZEL, '34, who previously graced the employment personnel of the Consolidated Coppermines Corporation at Kimberly, Nevada, is now to be found at 2922 La-Salle Avenue, Los Angeles, California.

ARTHUR WERNER, JR., '34, is another California populator and the number across his front door in San Francisco is 2590 26th Avenue.

WESTON BOURRET, '34, is now mine superintendent for the Gwalia Gold Mining Co., Pine Grove, Calif.

F. T. JOHNSON, '34, formerly superintendent for the Bradley Mining Co., in Nevada, is now superintendent of the Blue Bottle Quick-silver Mine, Winnemucca, Nev.

CLAUDE J. ARTERO, '35, returned to Burlingame, California, from South America.

T. FENTON HAM, '36, turned in his number of 2216 20th Street, Bakersfield, California, for 847 Poli Street, Ventura, California.

JOSEPH T. GREGORY, '36, is working for the Bureau of Economic Geology, University of Texas, Austin, Texas.

CARL A. LAMBRECHT, '36, punches the time clock of the Signal Oil & Gas Company,

- Wilmington, California, as junior petroleum engineer.
- CONRAD W. THOMAS, '36, decided to have a taste of Peru, so accepted work with the Cerro de Pasco Copper Company in Morococha, Peru. How is it, Conrad?
- WILLIAM J. CLOUGH, '37, returned to the States from South America and is now at 3233 Mayfield Avenue, San Bernardino, California.
- RALPH LEWIS FOWLER, '37, we are told, is engineer for the Depthograph Company in San Marino, California.
- MARSHALL C. TURNER, '37, has a position in the laboratory of the Union Oil Company at Dominguez, California, but makes his headquarters in Compton, California.
- WM. NELSON, JR., '37, with Shell Oil Co., is now junior exploitation engineer for the company at Long Beach, Calif.
- GEORGE F. REED, '37, formerly with Hallnor Mines in Canada, is now with Consolidated Coppermines Corp., Kimberly, Nevada.
- MILAN ARTHUR, '37, has located with the Standard Oil Co., as a petroleum engineer.
- DONALD O. NELSON, '37, is with the Miero Pateo Standard Oil Co., Casocal, Kuhobar, Saudi Arabia.
- DAN JOHNSTON, '38, works for the Signal Oil and Gas Co., at Wilmington and resides in Long Beach, Calif.
- KENNETH E. HILL, '38, joined the ranks of the pedagogues at the University of California and donned the title of teaching assistant in Petroleum Engineering.
- JOHN R. STRUTHERS, '38, engineers for Phelps Dodge Co., Bisbee, Arizona.
- IAN A. LAWRENCE, '38, traded his moniker for that of Ian Murray Auld from hence on. Said Ian Murray Auld does his sleeping at 320 Colfax, Grass Valley, California, and his working with a mining company there.
- DALLAS GRAY, JR., '38, deserted his public at Battle Mt., Nevada, and introduced himself to the neighbors in the vicinity of 1425 Spruce Street, Berkeley, California.
- HAROLD W. B. BAKER, JR., '39, is at Weiser, Idaho, employed in the mill of the Idaho Almaden Mines Company.
- VARD A. STOCKTON, '39, recently married, is now with the Utah Copper Co. at Magna, Utah.
- CHARLES HUNKINS, '39, succeeded in connecting himself to the Seaside Oil Company at Bakersfield, Calif., as junior engineer.
- GEORGE BARNETT, '39, is working for Shell Chemical at Pittsburgh, Pa.
- E. A. McCLURE, '39, back with the Baker Oil Tool Company and Huntington Park, has a major home interest these days—playing the part of proud father to an infant son. Congratulations, Mac!
- BILL NELSON, '39, we find as a junior engineer for the Cactus Queen at Mojave.
- BOB BYERTS, '39, connects himself with fancy titled firms—just now the Golden Feather and Hoosier Gulch Dredge Co., at Sacramento, Calif.
- PORTER THOMPSON, '39, is with the St. Helena Oil Co., at Montebello, Calif.

ZETA

- DANA PRATT, '33, wants it known that his abode is now 23 McPhelm Avenue, Haddonfield, New Jersey.
- LEWIS W. BENZ, '37, moved his files and personals from Odessa, to Amarillo, Texas. He is employed by the Phillips Petroleum Company, with offices at 510 Rule Bldg., Amarillo, Texas.
- CLIFFORD L. WILLIS, '38, pokes the time clock for Carter Oil Company in Aberdeen, Miss.
- WESLEY MORELAND, '38, gives his address as 5 NW 31st St., Oklahoma City, Okla., where he is working for the Kerly Oil Company.
- GEORGE M. RUSSEL, '38, advises that he is now living at 34 Selleck Place, Stratford, Connecticut.
- R. M. ROGERS, '39, is another employee of Phillips Petroleum Company. Address him in care of that company at Phillips, Texas.
- LYLE PAXSON, D. O. MAIN, HERMAN JANZEN, all Mu '39, are all with Phillips Petroleum Company. Main and Paxson are in Bartlesville, Okla., while Janzen can be reached c/o Penn Hotel, Borger, Texas.
- F. M. VEATCH, JR., '39, is taking graduate work at Harvard University, with address of No. 27 Little Hall, Cambridge, Mass.
- HOWARD MORELAND, '39, joined the ranks of U. S. Army Engineers at Kansas City, Mo.
- AXEL ANDERSON, '39, an employee of the Commonwealth Edison Co., at Chicago, lives at 645 W. Sheridan Road, Chicago.

ETA

- E. L. OSBORNE, '14, broke into print in the July issue of the Technology Review to the effect that he received the Imperial Order of St. Nicholas last Armistice Day for services rendered during the world war!
- WM. FLEMING, '16, with Goodyear Tire & Rubber Co., has been transferred to the main plant in Akron, Ohio, where he was promoted to manager of the general merchandise control department.

- EDWARD BARRY, '16, has opened an office as consulting engineer, 80 Federal St., Boston, Mass., for the practice of a specialized service for industrial steam plants.
- DONALD D. WAY, '19, chief engineer for the Diehl Manufacturing Co., Elizabethport, New Jersey, has moved his home to 226 Wychwood Rd., Westfield, N. J.
- HOBART O. DAVIDSON, '20, received a promotion to the important position of chief engineer for the American Viscose Corp., at Marcus Hook, Pa.
- NORRIS G. ABBOTT, '20, is now assistant treasurer of the Manufacturers Mutual Fire Insurance Co., with offices at 815 Grosvenor Bldg., Providence, R. I.
- A. D. HARVEY, '21, will be more than glad to inform you, now that winter does approach, all about the new insulating material of the Kimberly-Clark Company, Neenah,

Wisconsin, seeing as how he is their sales director.

- IRV JAKOBSEN, '21, is no less than president of Jakobsen & Peterson Incorporated, and at the foot of 16th Avenue in Brooklyn, New York, you will find him engaged in shipbuilding, repairing, and dry docking.
- CARL EVERETT, '26, hangs around the New York office of the Standard Oil Company as the co-ordinator of lubricating oil production.
- EDWARD TRUE, '27, manages for the Hobart Mfg. Co., 71 Madison Ave., New York City.
- MAURICE DAVIER, '27, makes his way by managing the forecasting and scheduling department of John-Manville Co., 22 East 40th St., New York City.
- DON SPITZLI, '27, earns his keep in the research department of the Congoleum-Nairn Inc., of Kearny, N. J.

THETA

- ROGER L. WENSLEY, '16, makes use of his engineering knowledge as mining engineer for the G. M. Basford Co., 60 E. 42nd St., New York City.
- LEO E. SHIRE, '25, married Miss Betty King Snyder on September 23, 1939, and they are at home at the Commodore Hotel, Wichita, Kansas.
- LEO N. PLEIN, '21, formerly with the National Bituminous Coal Commission, is now engineering examiner in the Mining Division of the Reconstruction Finance Corp., Washington, D. C.
- R. H. KNAPP, '31, does his share with the Cerro de Pasco Copper Corp., in (look out) Goyllarisquisga, Peru, South America.
- C. J. KIRKLAND, JR., '32, has his checks signed by the American Cyanamid Company of 30 Rockefeller Plaza, New York City, because he is in the metallurgical sales department.
- ALBERT V. LUESBERS, JR., '37, collects his shekels from the Atha works of the Crucible

- Steel Co., of America, at Harrison, N. J.
- DON BRUSH, '39, stayed near home and went to work for Eastman Kodak Company.
- LEE CASTLE, '39, is with the Bethlehem Steel Corporation.
- CLINT GETTY, '39, "landed" with the water department of the Big City (New York to foreigners) and is doing very well from what we hear.
- BILL GUENDON, '39, with a large dairy in the vicinity of Binghamton, N. Y., is working on problems of distribution.
- ALDO ARTIGLIA, '39, Buffalo Electric Co., a division of Niagara Hudson, is working in the structural department which at present is doing some work on the new steam station at Oswego, N. Y.
- MIKE SANFORD, '39, is, as far as is known at present, the only one of the '39 class to be on the married side. He is with the Terry Steam Turbine Co. Theta Chapter thinks he should drop them a card with his name and address on it. How about it Mike?

IOTA

- ROBERT S. BURG, '16, we discover at 173 South Anita, Brentwood Heights, West Los Angeles, California.
- JOSEPH C. BARTON, '17, president of Raskob Mining Interests Inc., has changed his address to P. O. Box 976, Albuquerque, New Mexico.
- ANVIL C. WILLIAMS, '21, assistant division construction engineer for the Missouri State Highway Dept. at Hannibal, Missouri, re-

- sides at 3016 St. Mary's St., Hannibal, Mo.
- HOMER LEONARD, '23, of McAllen, Texas, is the State Representative of Hidalgo County, Texas, and Assistant Speaker of the House.
- P. L. BLAKE, '24, is plant engineer for the Department of Agriculture in Washington, D. C., and lives at 39 Monroe Avenue North Braddock, Alexandria, Va.
- FRED C. SCHNEEBERGER, '25, is general sales manager for the Westinghouse X-Ray Com-

- pany on Long Island, New York. His address is 179 Hillpark Ave., Great Neck, Long Island, N. Y.
- THOMAS H. GREENE, '29, now lives at 8031 Dante Avenue, Grand Crossing Station, Chicago, Illinois.
- A. L. McRAE, '29, succumbed to married bliss May 6, 1939. He and Mrs. McRae, formerly Miss Gretzell Talley, are making their home at 6491 Ivarene, Hollywood, California.
- A. H. KEMP, '29, does his thinking for the Gulf Oil Company at Seminole, Okla.
- MARTIN LESTER CLARK, '29, is down in Farmington, Missouri, in the engineering department of Mine La Motte Corporation.
- WILLIAM T. SHARP, '30, ranks as unit foreman of the D. O. Clark Mine, Union Pacific Coal Co., Superior, Wyoming.
- VIRGILL F. ANGELL, '31, in capacity of foreman, oversees the Black Plate Laboratory, Inland Steel Co., Indiana Harbor, Indiana.
- MARK McBRIAN, '32, gives his new address as Hotel California, Sacramento, Calif.
- R. A. BERTRAM, '32, spends his working hours with Miller & Co., dealers in iron, ferro alloys, etc., 915 Victoria Bldg., 407 N. 8th St., St. Louis, Missouri.
- ALFRED H. HESSE, '33, works for Uncle Sam as a nonferrous metallurgist in the Naval Research Laboratory, Anacostia Station, Washington, D. C. Home address, 612 Melon St. E.
- S. R. B. COOKE, '34, until recently on the faculty of the Missouri School of Mines and Metallurgy, has changed to that of research professor of mineral ore dressing at the Montana School of Mines.
- W. R. SPRINGER, '34, receives his mail from Box 91 at Wesleyville, Pa.
- WARREN L. DONNELLY, '37, superintends a mill for the Colorado Fluorspar Corp., located at Salida, Colorado.
- J. W. FRAME, '37, last year a graduate student at Lehigh, is now in the metallurgical department of the Lackawanna plant of the Bethlehem Steel Corp., at Buffalo, N. Y., and lives at 132 Como Avenue, Buffalo, N. Y.
- A. F. BOCHENEK, '37, can be found c/o Stanley Becker, Apt. 37, 3505 Broadway, New York City.
- W. P. RUEMMLER, '38, last year at the Montana School of Mines where he received a Master's degree in metallurgy, is now at Columbia University working towards a Ph.D., under the Weston Fellowship offered by the Electrochemical Society. His address is 935 John Jay Hall, Columbia University, New York City.
- CHARLES LEE CLAYTON, '38, fills the capacity of practice supervisor for the Columbia Steel Co., Pittsburgh, California.
- JOHN R. McCLOSKEY, '38, turns up at Hannibal, Mo. His address is Box 361.
- HAROLD S. KIDD, '39, relaxes at 10 East 17th Street, Kansas City, Missouri.
- WADE WATERS, '39, lives at 112 Herman Street, East Alton, Illinois, and works for the Western Cartridge Company of that place.
- JOHN POST, '39, is connected with the Acme Steel Company, Chicago, Illinois.

KAPPA

- JOHN W. DAVIS, Hon. '10, is connected with the Solvay Process Company as construction Engineer in Hopewell, Virginia, and his home address is 1723 Westover Avenue, Petersburg, Va.
- PAUL E. LANGDON, '20, has changed his home address to 1400 Isabella St., Wilmette, Ill.
- GORDON L. JEPPESEN, '36, has settled himself at 2052 Fargo Avenue, Chicago, Illinois, and even hands out his telephone number—Sheldrake 1412.

LAMBDA

- R. B. KETCHUM, Hon. '96, Dean of the School of Mines & Engineering at the University of Utah resigned last spring due to poor health, and has retired from the University faculty.
- E. D. GARDNER, '11, of the U. S. Bureau of Mines has been very active lately on a project in which the government is taking inventory of all minerals necessary for war supplies. Tin seems to be the only mineral which is not available in sufficient quantities to fulfill wartime needs, Gardner reports.
- ARVID E. ANDERSON, '19, formerly with the American Cyanamid Company has changed over to that of chief metallurgist in the ore-dressing department of the Bethlehem Steel Company's new concentrator at Lebanon, Pa.
- ROBERT D. BRADFORD, '24, received a promotion to the managership of the A. S. & R. Co., smelter at East Helena, Montana.

ANDREW LEE CHRISTENSEN, '25, is doing graduate student work in Geology at the University of California, Berkeley, Calif. He resides at Bacon Hall.

EDGAR M. BARKER, '31, for about four years has been research chemist for the American Potash & Chemical Corp., Box 235, Trona, California.

EUGENE H. MERRILL, '32, selected as chairman of the National Association of Public Utility

Commission Engineers at the meetings held last spring in Washington, D. C., is chief engineer of the Public Service Commission of Utah.

ROBERT H. KIRKMAN, '33, will be carving the turkey at 736 Walnut Avenue, Long Beach, California.

HERMAN HARMS, JR., '36, lives at 1719 Rhode Island Ave., N.W., Washington, D. C.

MU

CHARLES COLEMAN, '39, is an instructor at New York University where he is also taking advanced college work.

KENNETH BYRD, '39, and WILLIAM MERRILL, Mu '39, lend their assistance to the Tennes-

see Coal & Iron Corp., in Birmingham, Ala. JOE WORTSMAN, '39, acts as test man for the General Electric Co., in Philadelphia.

PATRICK MORGAN, '39, shines as illuminating engineer for the Virginia Power Company.

NU

H. L. GRIFFIN, '23, joined the staff of Heyl & Patterson Inc., of Pittsburgh, Pa., as preparation engineer.

RUSSELL C. CLEMENT, ex '24, although still with the same firm of Wallace & Tiernan Co. Inc., is no longer at his old residence; send your letters to him now addressed to 6629 32nd St. N.W., Washington, D. C.

JOSEPH EDWARD WARD, '26, is mine foreman, Wylam Mine, Tennessee Coal & Iron Co., Birmingham, Alabama, and lives at 591 Fifth Place West, same city.

DONALD L. PUTT, '28, Lt. U. S. Air Corps, received a Master of Science in Aeronautical Engineering from the California Institute of

Technology in June, and now flies through the air with the greatest of ease.

LAWRENCE K. JETTER, '36, on August 1st, left the Carnegie Institute of Technology, Pittsburgh, Pa., for the Aluminum Research Laboratories of the Aluminum Company of America, New Kensington, Pa.

AUSTIN HILLER, '38, is Quality Observer, Duquesne Works, Carnegie Illinois Steel Co., Pittsburgh, Pa.

FRED W. SHAFFER, '39, is with the "17 Varieties" company. Yep, you guessed it—H. J. Heinz Company, Progress Street, Pittsburgh, Pa.

OMICRON

RALPH W. VAN VELKINBURG, '21, is up to his ears in work for the Consolidated Steel Company, 1209 West 8th Street, Los Angeles, Calif.

C. C. HAUG, '32, wants all you brothers (and Santa Claus) to know that he has left Ft. Belvoir, Virginia, behind and is now nestled down at Burrwood, Louisiana.

PI

MERRYMAN P. BAILEY, JR., '36, informs us that his mailing address is 2025 W. Grace, Richmond, Virginia.

CHARLES F. BILD, '39, seeks higher learning

this year at Lehigh University where he is doing research work in Metallurgical Engineering. His address is 15 East Packer Avenue, Bethlehem, Pa.

RHO

T. L. HODGES, '32, earns his living from the American Bitumuls Company and does his

living at 900 N. Elm Street, Greensboro, N. C.

SIGMA

MYRON ORVAL JENSEN, '34, sends in his new address as Box 44, Murphy, North Carolina.

TAU

ROBERT W. OERTEL, '37, resides at 157 Furman Street, Syracuse, New York.

UPSILON

BRUCE MENEES, '39, is now gainfully employed in the sales division of the Arkansas Power and Light Company.

BEN JOHNSTON, '39, works for the federal government in the R. E. A.
NORMAN L. SMITH, JR., '41, lives at 418 Arkansas Avenue, Fayetteville, Arkansas.

PHI

LEE H. LARISON, '39, became convinced that two can live as cheaply as one. Result: On June 16, 1939, Miss Mary Miller Humphreys of Lexington, Ky., became Mrs. L.

H. Larison. They are living in Chicago where Lee is metallurgist in the research department of the International Smelting & Refining Co.

CHI

MARK W. CLARDY, '31, sailed for Manila on July 14th, where he will be on the engineering staff of the International Engineering Corporation, Paracale, Camarines Norte, Philippine Islands. For the past two years he has been with the Dorr Co., in New York City.

FRANK LOSKE, '34, is busily engaged in the insurance business in Phoenix.

GEORGE M. POTTER, '35, earns his keep as metallurgist for the Penhoel-Menardi Engineering Co. Ltd., in Los Angeles, Calif.

KENNETH CLOUD, '35, covers the entire state of Arizona in his work with the U. S. Dept. of Agriculture.

GEORGE HOUSTON, '35, former designing engineer in the City of Tucson engineering department, has accepted a fellowship at Yale University to study traffic engineering. He was recently appointed city traffic engineer, while

CLYDE HOUSTON, '37, brother of George, is now connected with the U. S. Department of Agriculture in an engineering capacity at Berkeley, California, and

ROBERT HOUSTON, '35, a third brother, is chief of party for the City of Tucson surveying crew.

JACK MACNARY, '36, and LEON MAGEE, '34, are employed by the Tucson Gas, Electric Light and Power Co.

CHARLES MORRISON, '36, and BILL HARDWICK, '35, are now working for the New Cornelia Copper Co., of Ajo, Arizona.

DAVID D. RABB, '38, is now metallurgist for the Inspiration Cons. Copper Co., at Inspiration, Ariz.

DAVID H. ORR, JR., '39, now works for the Phelps-Dodge Corp., at Morenci, Arizona.

NEIL BORGGQUIST, '39, son of E. S. Borgquist, professor of civil engineering at the University of Arizona, is working on his master's degree at California Institute of Technology, Pasadena, Calif., through a fellowship. Although the poor kid is working both night and day, he finds some time to play tennis, at which he is an expert.

CHARLES H. CHASE, '39, spends his working hours with the Trench unit of the American Smelting & Refining Co., Patagonia, Arizona.

LA MONT WEST, '39, having been transferred by the American Smelting & Refining Co., from Patagonia, Arizona, is now located with them at Octave, Arizona.

PSI

- E. S. PERRY, '19, geologist for the Montana State Bureau of Mines, is compiling geologic field information on the Renova-Whitehall-Morrison Cave area.
- CLARENCE ADAMI WENDELL, '34, said "I do" June 11th to Miss Helen Dorcas Giller of Carson City, Nevada. He is engineer for the Dayton Cons. Mines and lives in Carson City where they will make their home.
- WALTER A. HAMILTON, '34, manages the Gibbonsville Mining & Exploration Co., Salmon, Idaho.
- THEODORE MALMSBURY, '34, the old brain wizard, placed second in the examination given by the board of examiners for mining engineers in the Philippine Islands recently. He is now in Baguio, Mountain Province, P. I., with Lepanto Consolidated.
- VIRGIL CHAMBERLAIN, '36, at present is on the staff of the Walker mine and his address is Box 1141, Walkermine, Calif.
- FRANK TRASK, '36, formerly of Cotopaxi Exploration Co., at Latacunga, Ecuador, S. A., is back in the States and can be located by writing him at Deer Lodge, Mont.
- MEL WILLIAMS, '36, engineer for Cotopaxi Exploration Co., at Latacunga, Ecuador, will arrive back in the States about Xmas.
- ROBERT LAWSON, '37, has been transferred to Bombay, India. He may be reached, c/o Ingersoll-Rand Co.
- WALTER H. PARKEN, '37, has been transferred from the Washington Office of Ingersoll-Rand Company to Rio de Janeiro, Brazil, where he is engaged in sales work for the same company. When you write, address him, c/o Ingersoll-Rand Co. do Brazil, S. A., Rua Theophilo Ottoni 48, Rio de Janeiro, Brazil.
- ALBERT SCHLECTEN, '37, is still playing cowboy at M. I. T. Scoop gets his old Ph.D., around Xmas.
- KALervo HYYPPA, '38, is still digging in the schists at the Sunlight Mine near Whitehall, Mont.
- WALTER DUYKERS, '38, having retired from the teaching profession, is now working as tunnel inspector at Fort Peck Dam, Mont.
- FRANK BOWDISH, '39, is with the Caterpillar Tractor Co., of Peoria, Ill. Lots of luck, Frank.
- RAY E. GILBERT, '39, earns his living out of this cruel old world as geologist with the Jardine Mining Co., Jardine, Montana.
- DICK SCHAAAL, '39, is with the Ingersoll-Rand Co., Ishpeming, Michigan. It is rumored that Dick is demonstrating jack-hammers and various other machines in order to keep his mind off a couple of people he left behind. He can be reached at 200 Canda St., Ishpeming, Mich.
- ROY MCCREADY, '39, is employed by the Butte branch of Ingersoll-Rand Co., as salesman. Say, Roy, what did you do with the sparkler on the night of October 14th?
- FRED POPE, '39, engineer for Kalowna Exploration Co., is at Hedlly, B. C., Canada.
- RAY GILBERT, '39, geologist for the Jardine Mining Company is located at Jardine, Mont.
- RAY NELSON, '39, is now geologist for Polaris Tukum Mining Co., Tukequab, B. C., via Juneau, Alaska.
- CAMERON RICH, '39, is hunting nuggets somewhere in the Willow Creek District, Alaska.
- JOHN PRATER, '39, is doing graduate work at Idaho School of Mines.
- CLARENCE TOENSING, '39, is after the old Ph.D., at Carnegie Tech.

GAMMA BETA

- "UNCLE" GEORGE O. SANFORD, Hon. '95, recently returned to Washington after an extensive trip through the west visiting the various projects of the U. S. Bureau of Reclamation of which he is Chief Engineer of Operations and Maintenance.
- PROFESSOR FRANK A. HITCHCOCK, '10, is chairman of the special committee appointed by President Marvin of George Washington University to administer the School of Engineering, following the death of Dean John R. Lapham, until a new dean is appointed.
- ALAN M. STAUBLY, '35, has been made an examiner in the U. S. Patent Office.
- JACK C. DAVIS, '36, took a leap over to Arlington, Virginia, and found a place for himself at 222 Oakland Street.
- WALTER F. RHINE, '36, was recently promoted to chief of a field party in the Survey Office of the District of Columbia.
- T. RITCHIE EDMONSTON, '37, is now associated with E. P. Knollman, Concrete Engineer and Contractor, located in The Barr Building, Washington, D. C.

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