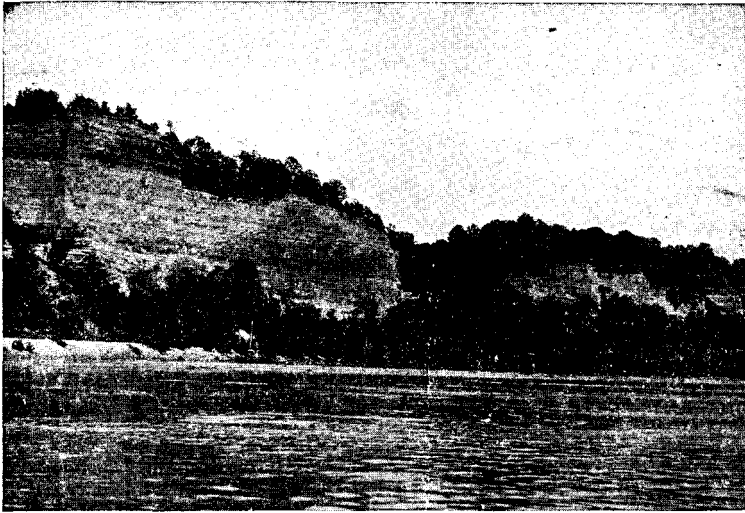


The Sigma Zetan

Vol. I

Alton, Illinois, April, 1929

No. 1



SCENE ALONG THE MISSISSIPPI

PRESENT PROGRESS OF THE SOCIETY

Sigma Zeta was three years old in October, 1928, and in the time that has elapsed since its founding, it has grown from a single, weak chapter, to an organization including four chapters, all of which are active, live societies. During this month a fifth chapter will be added to the roster, the latest addition being the Epsilon Chapter at Otterbein College in Ohio. It is worthy of note that with the exception of the Alpha and Beta chapters, which are at Shurtleff College and McKendree College, respectively, in Illinois, the other chapters are at schools having large enrollments and located in widely separated states. Delta Chapter is at Kirksville State Teachers College at Kirksville, Mo., the Gamma Chapter at the Medical College of Virginia at Richmond, and the newest chapter in Ohio. This would seem to indicate that Sigma Zeta is fulfilling a need that has not heretofore been met by any similar organization.

The Grand Recorder-Treasurer has been busy this year though probably he hasn't been able to accomplish as much as he should have done. However, a brief resume of his activities might not be amiss. Letters were sent out to all schools that had made any inquiries of any sort regarding Sigma Zeta since 1925. Groups of students at schools as far west as Oregon had written to find out something about this society. There were requests from Wisconsin, Nebraska, and other States for information. Not all the letters written by the G. R. T. have been answered, however, but very encouraging correspondence has been carried on with the heads of the chemistry departments at Central State Teachers College at Stevens Point, Wisconsin, and at Cotner College at Lincoln, Nebraska. No definite decision has as yet been reached as to the establishment of chapters at either of these schools, but it is the hope of the Grand Recorder-Treasurer that such an event may occur in the near future.

Grand Officers

W. J. BRAY, Head of Science Department, Kirksville State Teachers College, Grand Master Scientist.

JAMES A. BAILEY, Vice Grand Master Scientist.

R. K. CARLETON, Head of Chemistry Department, Shurtleff College, Alton, Illinois, Grand Recorder-Treasurer.

ELBERT H. RUYLE, Grand Historian.

This issue of the SIGMA ZETAN has been edited by Professors E. E. List and R. K. Carleton who willingly assume all responsibility for any errors or omissions that may appear. It is their hope that this folder may be published at least twice a year in the future, in October and in April, and that it may have the whole-hearted support of all those who in any way are at all interested in the Society.

EDITORIAL

SIGMA ZETA is truly an honor organization and includes in its membership, not only undergraduates who have attained distinction in their studies, but also graduates of the various institutions who have accomplished worth-while achievements. The Faculty, too, have taken a great interest in the activities of the Society and have given it their fullest support.

We feel that we have a right to be justly proud of our Alumni, who have gone, both into industry and into teaching. We believe that a glance at the Alumni notes in this issue is a most convincing testimonial of the calibre of the men and women whose names have appeared on the chapter rolls.

It is interesting to note the effect that the existence of an Honor organization in Science has upon the undergraduates. Considering it from the viewpoint of the instructor, the teaching is not as burdensome as when the students have nothing more to work towards, than simply the earning of high grades and the accumulation of points. Sigma Zeta provides a goal, and one that is worthwhile, especially if the undergraduate intends to continue the major study at a University. However, the earning of a Sigma Zeta key, which is the insignia of active membership, should not be considered as a bribe in order to get

the students to do better work, but it does nevertheless, make the recipient feel that hard, consistent study and application in the field of Science or Mathematics does have its reward and is worthwhile.

Such a society as Sigma Zeta should in no way conflict or run counter to the other clubs or groups that exist on a college campus. It never was intended to be a social organization of any sort, and it is the hope of the founders that it will never become such. Its purpose is to set a high standard of scholarship for those students who may choose to major in some branch of Science, including Mathematics, and to help them to prepare themselves for future research work in their chosen field. If Sigma Zeta succeeds in accomplishing that then its mission will be fulfilled.

Annual Konclave—May 3-4.

CHAPTER ACTIVITIES

Alpha Chapter

The greatest difficulty encountered by the chapter at Shurtleff during the current year, has been to find opportunity for regular meetings, due to the fact that so many of the active members also hold memberships in other organizations. That is one of the trials of a small college enrollment.

A very enjoyable opening social meeting was held in Hunter Hall, the new biology building, just opened this year, on October 3. Nearly all the active members and some of the associate members were present. At that meeting it was voted to subscribe for the Science News-Letter, issued by the Science Service Corporation, of Washington, D. C. This publication, after perusal by the members of the Society, is to be filed in the college library.

At the end of last year Professor Denman, who had taught Mathematics for the past two years, resigned and accepted a position at Broadus College, in Virginia. His position on the Shurtleff Faculty has been filled by Professor M. B. Tolar, who came from Georgetown College, where he had been Professor of Mathematics for

the past six years. His capable wife, Mrs. Blanche Tolar, is teaching the Physics courses, which leaves the Professor of Mathematics free to give the students all the Math. they care to tackle this year. Despite this fact, however, both Mr. and Mrs. Tolar are very popular with the students, including those who are taking Math, and they have both found a place in the Shurtleff family. We are all glad to have them with us.

The officers and membership of Alpha Chapter comprise the following:

OFFICERS—1929

Elbert Ruyle.....Master-Scientist
 Leslie Nicolet.....Vice Master-Scientist
 Mabel Merriam.....Recorder-Treasurer

Active Members

Jacque Ashlock	Leslie Nicolet
Ralph Carr	Elbert Ruyle
Ray Gwillim	Wayne Schmidt
Gertrude Humphrey	Harriett Sheets
Mabel Merriam	Edward Stobbs
Ray Montgomery	Robert Tyner

Norval Wilson

Associate Members

R. Bowen	Mary Dawson
Esther Culp	Ralph Koch

John Logan

On February 20, 1929, the following were received into active membership:

Abner Barr	Ethel White
Paul Oertel	

Many others joined the ranks of Associate Members. They were:

Marjorie Benner	Otto Schmidt
Elizabeth Campbell	Walter Stobbs
Michael Duffy	Orville Thies
George Grigg	Ralph Webring
Walter Johler	Alan Mather
Donald Malcom	Ed. Meyer

Unfortunately, when Commencement time comes, ten of our members will join the ranks of Alumni, which means that the Associate Members must prepare themselves to assume the responsibilities of the Society. We believe, however, that we have a very promising group of Associates.

Annual Konclave—May 3-4.

ALPHA ALUMNI NOTES

Professor J. E. Powell, former professor of Math., is on the Faculty of Michigan State College, and is working for his doctor's degree.

Brother Homer Duffey, our first Master Scientist, is now teaching at the High School at Racine, Wis.

Brother "Strat" White, after spending a year at Washington U. Medical School, is making a trip around the world as companion of Mr. Charles Levis of the Illinois Glass Co.

Miss Evelyn Dixon, our first collector of dues, is now doing sereological work at a physician's office in St. Louis, Mo.

"Ab" Scott, '26, is a second-year man at Washington U. Medical School.

Miss Helen Dawson, after two years as technician in clinical work, will receive her Master's degree in Anatomy from Washington University, St. Louis, Mo., this coming June.

Miss Mary Helen Walton has been the happy bride of Mr. Charles Smith since September, 1928.

Miss Margery Fish, after securing her Master's degree in Math., at the U. of I. last June, became a Preceptress at Sioux Falls College, in South Dakota.

Brother Harry Welch spent last year as a student at the National Recreation School in New York City. He is now associated with his father in business in Alton.

Lester K. Meyer, our first G. M. S., has been a graduate student in Mech. Engineering at Massachusetts Institute of Technology, at Cambridge, Mass., since June, 1928.

Miss Alice Scovell, after a year of teaching, is engaged in library work in St. Louis.

Annual Konclave—May 3-4.

AMONG OUR HONORARY MEMBERS

Our first honorary member, President Potter, is busily engaged in completing the drive for money, in order to secure the pledge of the General Education Board made in 1923.

Dr. Homer Davis, a very busy man at all times, gave an illustrated lecture, April 9, before the Men of the First Baptist church of this city, covering a recent trip to Alaska.

Dr. Franklin Walton is spending his internship at Barnes Hospital in St. Louis.

Miss Eleanor Mawdsley is at present secretary of the Associated Charities of Alton.

Miss Jean McBrien has been Professor of Chemistry at Scullings College at Bristol, Va., since obtaining her M. S. degree at the U. of I. in 1926. Next year she expects to be transferred to a branch of the institution that is located in Washington, D. C.

Edmund Fish is an instructor in Chemistry at Purdue University, Lafayette, Ind.

Annual Konclave—May 3-4.

BETA CHAPTER

The editors had hoped to have considerable information available concerning the progress and activities of the second chapter of Sigma Zeta at McKendree College. Unfortunately up to the time of going to press, our material was more or less limited. It was thought, however, that a letter from one of the charter members of that chapter, Professor S. M. McClure, of the Chemistry department of McKendree College, to the G. R. T. might be of interest, and consequently a portion of it is herewith reproduced.

McKENDREE COLLEGE

Lebanon, Ill.

Department of Chemistry

February 4, 1929.

Dr. R. K. Carleton,
Department of Chemistry,
Shurtleff College,
Alton, Illinois.

Dear Brother Carleton:

Your recent letter arrived just as I was about to leave Lebanon over the week-end; however, before I left, I managed to see the members of the Beta Chapter and can-

vassed the sentiment. Mr. Born told you of the favorable result in his note of last Saturday:

The local chapter is having somewhat of a hard time, not through lack of interest so much as lack of available material. As you know, the Science Departments here are trying to maintain some sort of standards and the curriculum demanded for the S. B. degree is somewhat 'stiff'—at least that is the students' opinion. As a result, we do not have a great many eligible students. Last year, the graduation of so many in the Centennial class left fewer-than-usual upper classmen and the Chapter roll was hit fairly hard. However, a number of men are becoming eligible through gaining Junior standing this semester, and I expect that the active members will invite several into membership in the near future.

Fraternally,
S. M. McCLURE.

A little later however, the following interesting items came into the hands of the G. R. T. They are presented herewith.

"During the summer session, the Beta Chapter initiated three candidates who had reached Junior standing at the end of the regular school year. These Kendall E. Born, of Chester; Elizabeth R. Nelson, of Fairfield, and Zella Mae Malendrome, of Herrin. The first and last named are chemistry majors while Miss Nelson's major work is in mathematics.

The Centennial class contained eight members of Sigma Zeta, the largest number graduated since the founding of the Beta chapter.

Of this number two are now working in industrial chemistry; Dale A. Benner is in the laboratory of the Aluminum Ore Company in East St. Louis and Earl W. Miller is chief chemist at the Granite City Enameling and stamping Works.

Two others are in the graduate school. E. M. Cralley in the Department of Botany at the University of Wisconsin and V. R. W. Hardy was recently appointed to the

McKendree Scholarship at the University of Illinois.

The four remaining members: Verdie B. Correll, Mary L. Richards, Glenn A. Haskin and Emery H. Martin, together with Miss Nelson, are teaching this year.

James W. Dunn, instructor in physics here for the past three years, is now superintendent of schools at St. Jacob, Illinois."

Annual Konclave—May 3-4.

GAMMA CHAPTER

This Chapter, located at the Medical College of Virginia, sent us a good deal of news. We regret that space will not permit printing of all the material.

Apparently there is much enthusiasm in the work of the chapter and its membership now includes eleven active student members, twelve associate members, and fifteen Faculty members. The officers are as follows:

Frank Ramey, Master Scientist.
 E. R. Moorman, Vice Master Scientist.
 L. L. Ashburn, Recorder-Treasurer.
 E. F. Reaser, Editor.
 Dr. W. R. Bond, Chairman, Program Com.
 Dr. E. W. Gray, Chairman, Membership Com.
 J. M. Moore, Chairman, Initiation Com.

Meetings are held on alternate Monday nights in a room of McGuire Hall. A new library building will be erected within the next year and the President of the college has signified his intention of assigning two rooms in this building to the use of the Chapter without charge.

This Chapter is fortunate to number among its members some of the Faculty who have gained renown in research work, in their respective fields. Dr. C. S. Haskell, Professor of Physiology and Pharmacology, is widely known in these fields, and associated with him are Drs. E. W. Gray and W. R. Bond. Drs. Negus and Forbes of the Bio-Chemistry Department, and Dr. W. B. Porter, Professor of Medicine, have di-

rected the preparation of an extract of liver by a local firm of international reputation engaged in the manufacture of meat extracts.

Dr. H. B. Haag, a graduate of last year, is now Associate Professor of Pharmacology, and is engaged in research work at Cornell University.

Dr. F. W. Shaw, Associate Professor of Bacteriology, is well known for his contributions to the literature of Micro-Biology.

Brother N. G. Patterson, past Master Scientist, is an undergraduate interne at the Sheltering Arms Hospital.

Brother J. M. Moore, past Vice Master Scientist, is editor of the weekly news bulletin, of the student body, The Skull and Bones.

Brother Frank Ramey, Master-Scientist, is assistant business manager of the college annual, the X-Ray; member of the Honor Council from the Junior Class and president of the Cotillion Club.

Brother E. L. Copley is president of the student body.

Associate members, C. H. Binford, is editor, and C. L. Baird is business manager of the X-Ray. W. T. Pugh is nominee for president of the student body for next year.

Annual Konclave—May 3-4.

DELTA CHAPTER

The Chapter of Sigma Zeta at the Kirksville State Teachers College at Kirksville, Missouri, has been one of the most active chapters since its inception. We are all delighted that this year the Annual Konclave of the Society is to be held at that institution on the third and fourth of May. It is the hope that all the chapters may be represented at the annual meeting. Recently the following information was received from the Recorder-Treasurer of the Delta Chapter:

"Each active member of the Delta Chapter is assigned to a given field of Science

in which he or she is particularly interested. These assignments are made during the first month of the school year. At each meeting throughout the year all the members give a short report of the work being done on any topic of interest in his field.

Another activity of this chapter which deserves the attention and praise of the other members of the Society is the custom that has been followed during the past few years, of offering a twenty-five dollar award to the student majoring in Science who ranks highest in the graduating class."

Annual Konclave—May 3-4.

**THE SCIENCE GROUP AT OTTERBEIN
COLLEGE WHICH WILL BECOME
THE EPSILON CHAPTER**

It is of considerable interest, especially to the earlier members of Sigma Zeta to know that the chapter to be established at Otterbein College was brought about through the efforts of a former Shurtleff faculty member, Mrs. Florence Yoxall Johnson. It was unfortunate that Mrs. Johnson did not remain long in Alton after becoming a member of the Alpha Chapter of Sigma Zeta, but nevertheless, she showed her loyalty to the organization by interesting various members of the faculty and of the student body at the college where she is now teaching, in Sigma Zeta with the result that our fifth chapter will be established at one of the best colleges in the State of Ohio with an enrollment in the neighborhood of 500 students. I am sure we express our gratitude to Mrs. Johnson for the service she has rendered the Society.

The names of the faculty members and the students who are chapter members of

the Epsilon Chapter are appended below:

Professors

A. G. Esselstyn
Fred A. Hanawalt
Florence Yoxall Johnson
James H. McCloy
Dr. E. W. E. Schear
L. A. Weinland

Students

SENIORS

Helena Baer
Richard Durst (President)
Kenneth Echard
Leila Griffen
Russell Heft
Doris Johnson (Secretary)
Mary Needham
Virgil Raver
Ernest Stirm (Treasurer)
Clinton Taylor
Ruthe Weimer (Vice-President)

SOPHOMORES

Glenn Ducwkall
Frank Maxwell Oldt
Mary Ruth Oldt
Linnaeus Pounds
Dorothy Schrader
Horace P. White

JUNIORS

Forest Benford
Ruby Bruner
Lucy Hanna
Robert Hawes
Morris Hicks
Louis Weinland

Editors' Note: The editors have assumed the liberty of naming this publication temporarily and without authority. Suggestions from everyone will be welcomed at the office of the Grand Recorder-Treasurer as to a better and more fitting name.

Other criticisms or suggestions will be cheerfully welcomed.