

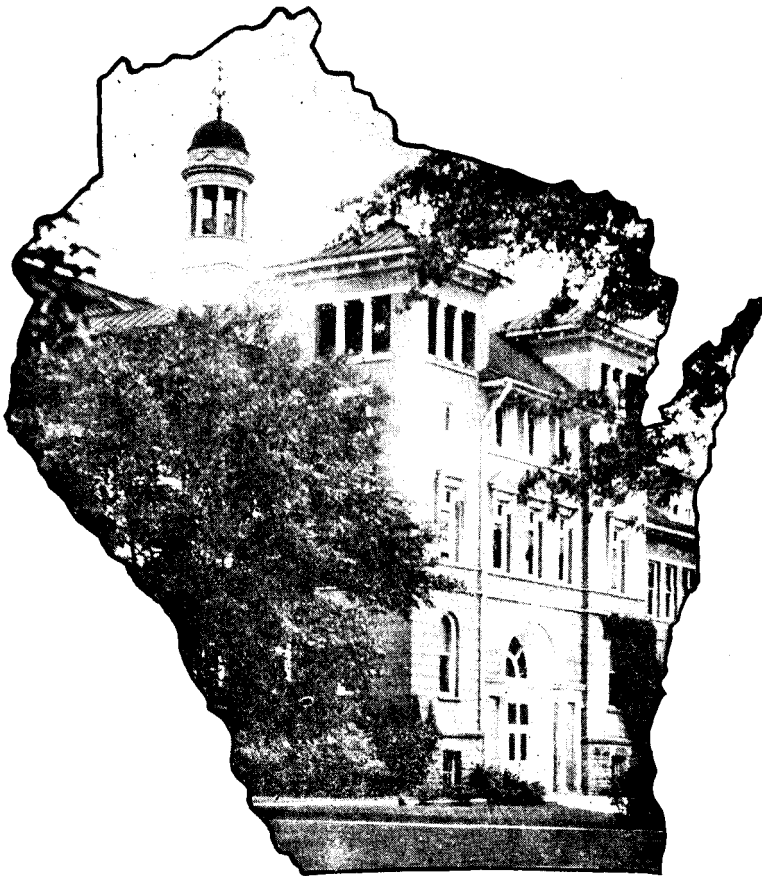


THE SIGMA ZETAN

VOL. XI

STEVENS POINT, WISCONSIN, MAY, 1940

NO. 2



Main Entrance Central State Teachers College
Stevens Point, Wisconsin

THE SIGMA ZETAN

Published bi-annually in the interest of Sigma Zeta,
National Honorary Science Society

GRAND OFFICERS—1940-41

Grand Master Scientist—A. J. Esselstyn (Epsilon) Westerville, Ohio
Grand Vice Master Scientist—J. L. Gladhart (Alpha) Alton, Illinois
Grand Recorder-Treasurer—T. A. Rogers (Zeta) Stevens Point, Wisconsin
Grand Editor—G. W. Faust (Zeta) Stevens Point, Wisconsin
Grand Historian—S. M. McClure (Beta) Lebanon, Illinois
Past Grand Master Scientist—P. D. Edwards (XI) Muncie, Indiana

LITTLE THINGS

An Editorial

—o—
"For want of a nail a shoe was lost; for want of a shoe a horse was lost; for want of a horse a rider was lost; for want of a rider a battle was lost; for want of a battle a kingdom was lost—and all for the want of a horseshoe nail."

* * * * *

In the realm of human relations, a smile, a kind word, or a sympathizing tear are all mere trifles for the giver; they cost so little, yet mean so much to those to or for whom they are given. Microbes, particularly those of a pathogenic nature are about as insignificant as one could imagine an organism to be for size, but they are of extremely great economic importance. Other tiny but mighty structures, to mention just a few, are red blood corpuscles, stomata, genes, lenticels, and endocrine glands.

In comparison with many other national fraternities and organizations, which time and space will not permit us to mention, Sigma Zeta is quite small. It began with one small chapter and since it was founded an average of one chapter has been added each year which represents a relatively small annual increase. But just as mighty oaks from little acorns grow, so with this modest beginning and gradual growth, our society is sure to be much larger and better known in years to come. If the committee on expansion will continue to invite worthy institutions to do so, a new chapter may yet be established in 1940. This committee will welcome suggestions from other Sigma Zetans and we should all be alert for certainly we are all interested in extending to others the benefits we receive from affiliation in such an organization as Sigma Zeta.

Speaking of fraternal benefits leads us to comment upon another matter which like the little word "if" is small, but not to be neglected. Those who attended the 1940 National Conclave, as attested by contributions from delegates and published elsewhere in this issue, are unanimous in their praise of the convention and in their evaluation of personal benefits derived therefrom. The conclave is to be held next year at Westerville, Ohio. It is to be hoped that chapters in Illinois and those still further from Westerville will not feel obliged to cut down the number of delegates or to miss the Conclave altogether in 1941. Even though proportionally the benefits derived from an annual national convention are very small in comparison with the total values of Sigma Zeta membership,

some arrangement should be made for holding the conclave at a more central location every year, or adjustments should be made to equalize the expenses of the delegates to the meeting on a mileage basis. This is a problem that might properly come up for solution at the 1941 Conclave. In the meantime it could be discussed with profit in local chapter business sessions.

Let us not neglect the little things; they may be much more important than we think.

CHAPTER NEWS

(Received by the editor too late to include in the March issue.)

THETA

Elizabethtown College, Elizabethtown, Pennsylvania.

Affiliated, 1932.

Master Scientist—Lester Manbeck

Vice Master Scientist—John H. Speidel

Recorder-Treasurer—J. Ralph Parrett

Faculty Advisor—Prof. George S. Shortess.

The chapter holds monthly meetings of the business-program nature. The programs thus far this year have been very interesting. Two speakers, a doctor and a mechanical engineer, have furnished two of the programs, there has been one moving picture show, and various science departments of the college have furnished lecture-demonstrations. These demonstrations have been up-to-date scientific materials in various fields.

Five new members have been initiated, bringing the total membership up to eleven. The chapter project for this year is the construction of a six inch telescope for the physics department. This has proven to be a very interesting, educational and practical project.

MINUTES OF NATIONAL CONCLAVE SIGMA ZETA

The fifteenth annual Conclave of the Society of Sigma Zeta was held at Ball State Teachers College, Muncie, Indiana, April 20, 1940 at 11:00 a. m. with the Xi Chapter as host.

The annual business session was called to order by the presiding officer, Dr. P. D. Edwards, Grand Master Scientist.

The chairman called for a report by chapters to indicate the number of delegates present from each chapter. A summary of the report follows:

Alpha, Shurtleff College	10
Beta, McKendree College	3
Gamma, Medical College of Virginia	0
Delta, State Teachers College	0
Epsilon, Otterbein College	5
Zeta, Central State Teachers College	11
Eta, State Teachers College	0
Theta, Elizabethtown College	0
Iota, Inactive	
Kappa, Western Illinois State Teachers College	10
Lambda, Mansfield State Teachers College	5
Mu, State Teachers College	0
Nu, Northern Illinois State Teachers College	7
Xi, Ball State Teachers College	17
Omicron, Wilson Teachers College	1

The minutes of the previous meeting were read and approved.

The chairman called for the report of the Grand Historian.

Grand Historian Report

The Grand Historian, Professor S. M. McClure, reported that the assembly was invited to indicate its wishes regarding the final compilation of a history of the society, the choice being between, first, the assembling of already available material into a very brief history and, second, the appointment of a committee whose duty it would be to compile a more complete history of the Society which would be more generally valuable both for chapter use and publicity purposes. The recommendation was made that the more complete history be compiled.

The motion came from the floor that a history be compiled in a style similar to that set up for the constitution and that the fifty dollars already appropriated for this project be used.

There was no discussion and since the money had already been appropriated and the general project outlined at the previous Conclave, no mention was put before the house. The motion still in effect, therefore, is that an amount not to exceed fifty dollars be set aside for the use of the Grand Historian in the compilation and edition of a history of the Society of Sigma Zeta for the use of publicity and the information of the members, interested schools, and others.

The chairman called for the report of the Grand Editor.

Grand Editor Report

Mr. G. Faust, Grand Editor, turned

the report over to Dr. A. S. Lyness, who has issued this year's Sigma Zetans in the absence of Mr. Faust. Dr. Lyness expressed his appreciation of the generally prompt response of the chapters which made the publication of the Sigma Zeta possible during Mr. Faust's absence and indicated that a post-Conclave issue might be published in May.

The chairman called for the report of the auditing committee.

Auditing Committee Report

Dr. L. S. Shively, chairman of the auditing committee, presented the report of the committee which stated that the balance of \$359.63 shown by the records checked with the receipts and disbursements and he recommended that the treasurer's report be accepted.

Mr. G. Faust moved that the treasurer's detailed report be dispensed with to conserve time.

Treasurer's Report

The treasurer's report was accepted.

Appointment of Ritual Committee

The chairman appointed Professor Liszt chairman of the ritual committee, to work with Professor S. M. McClure and Professor Scheer and a representative of Lambda Chapter to work out a suggested ritual for presentation at the next Conclave. The suggestion was made that all chapters be contacted for a description of their procedures so that the best parts of each might be incorporated in a standard procedure.

The Grand Council presented the following recommendations:

Reports of Chapters to Grand Chapter

Professor D. E. Miller distributed model mimeographed sheets designed to enable the Grand Chapter to keep a systematic record of chapters and members. The motion was made that each chapter be required to report to the Grand Chapter by March 1 by means of uniform questionnaires to be sent out by the Grand Recorder-Treasurer.

The motion was seconded and un-animously passed.

Committee on Expansion and Promotion

The committee on expansion and promotion, composed of Dr. H. W. Gould, chairman, Professor S. M. McClure, and Dr. Edward Schreiber, made the following recommendations:

(1) The committee recommends the recognition of this principle (that the honor society comprising the sciences and mathematics fills a distinct need for the undergraduate in the smaller schools) as a fundamental policy in any further expansion of the Society.

(2) The committee recommends that efforts toward expansion be confined to the liberal arts and the teachers college. The establishment of chapters in the professional field is generally not desirable, though not necessarily undesirable.

(3) The committee recommends that much care be exercised in the location of chapters in institutions maintaining strong science and mathematics departments.

(4) The committee recommends

that for the present and the immediate future, the efforts for expansion be restricted to the territory in which the majority of the chapters are now located.

Dr. Gould moved that these recommendations be adopted.

The motion was seconded and passed unanimously.

The chairman called for items of new business.

A representative of the Grand Council gave the following recommendations of the Grand Council.

Recommendations of Grand Council

(1) Feeling the lack of proper publicity, the Grand Council recommends that the matter of publicity be placed in the hands of the Grand Editor, with the further suggestion that a report of this meeting be sent to a number of scientific magazines. (Section 5, Article VIII, Constitution).

(2) Upon the consideration of the material for Baird's Manual, the Grand Council recommends that Professor S. M. McClure of Beta Chapter be appointed to that task.

(3) The Grand Council recommends the appointment of a policy committee to consider matters of policy and make recommendations to the next Conclave session.

(4) The Grand Council recommends that a committee be appointed to study the possibility of a more complete record of alumni.

The motion was made to adopt all four recommendations.

The motion was seconded and passed unanimously.

A delegate from Beta chapter presented the following suggestions for

the consideration of the policy committee:

(1) That an outline for the general program for the Conclave be drafted.

(2) That the advisability of the rotation of Conclaves be considered.

(3) That alumni membership be considered a new and distinct type of membership.

(4) That offices of district councilors be established.

(5) That chapter problems be referred to this committee if they seem of suitable character.

Professor S. M. McClure, chairman of the resolutions committee, presented a resolution to the effect that all those who contributed to the success of the 1940 Sigma Zeta Conclave be sent an expression of sincere appreciation.

The motion was made that this resolution be adopted.

The motion was seconded and passed unanimously.

Nominating Committee Report

The nominating committee submitted the following slate:

Grand Master Scientist, A. J. Esselstyn, Epsilon.

Grand Vice Master Scientist, J. L. Gladhart, Alpha.

Grand Recorder-Treasurer, T. A. Rogers, Zeta.

Grand Editor, G. Faust, Zeta.

Grand Historian, S. M. McClure, Beta.

The motion was made that the slate be adopted as read by the chairman of the nominating committee, Professor Eller.

The motion was seconded.

The motion was passed unanimously.

Extension of Invitation

An invitation was extended by a delegate from Epsilon Chapter to the members of Sigma Zeta to hold the 1941 Conclave at Otterbein College, Westerville, Ohio.

The invitation was accepted un-animously.

The chairman called for discussion of any further business.

Re History

Professor S. M. McClure stated that the history will be probably be ready for the printer before the close of the current semester.

Re Jewelry

Dr. Edwards informed the group that the College Shop Jewelers would soon send price lists, but that no contract had yet been signed.

Re Length of Conclave

It was proposed that the Conclave be extended another half day in the future, beginning on Thursday noon rather than Friday morning.

Re List of Delegates

Mr. Featherstone, Master Scientist of Xi Chapter, volunteered to send a mimeographed list of names of delegates attending the Conclave to each Chapter so that those wishing to make contacts for purposes of collecting and exchanging and so forth might do so.

Appointment of Committees

The chairman appointed the following committees:

Publicity committee: Grand Editor, Mr. G. Faust, chairman

Baird manual: Professor S. M. McClure, chairman; Professor T. A. Rogers

Ritual committee: Professor Liszt,

chairman; Professor S. M. McClure; Professor Scheer, a representative from Lambda chapter.

Alumni committee: Professor T. A. Rogers, chairman; Professor Liszt; Professor Oleson.

Policy committee: Professor E. Schreiber, chairman.

Committee on Expansion and Promotion: Professor Christie, chairman; Professor Williams; Professor Schreiber; Dr. H. W. Gould.

Re Exchange Column

Mr. G. Faust suggested that the Sigma Zetan publish student exchange column and invited members interested in collecting to send in descriptions of articles desired so that they might be included in the publication.

Re Clerical Bill

Mr. T. A. Rogers presented a bill for clerical work of \$15.75. The bill was allowed.

Vote of Thanks

The delegates gave a rising vote of thanks to the Xi Chapter for a most profitable and enjoyable Conclave session.

The motion was made for adjournment.

REPORT OF THE GRAND HISTORIAN OF THE SIGMA ZETA FRATERNITY

The office of the historian of Sigma Zeta has been chiefly engaged during the past year in the assembling and assorting of material for a printed history of the fraternity, as was

authorized at the 1939 Conclave. While numerous unfilled gaps still appear in the record, it is believed that most of these are of such a nature that they may be completed either from the proceedings on file in the secretary's office or through correspondence with members familiar with some particular phase of the history of the organization.

The material now on hand, plus that needed for completion of certain sections as indicated in the above paragraph, will provide copy, even when condensed to the bare essentials, for a history larger than was contemplated at the previous conclave. It will be recalled there that the wish was expressed that the history authorized might be of a suitable length and nature to be of interest to candidates for initiation as well as for the use of petitioning groups, wishing a brief resume of the history of Sigma Zeta.

At the same time, it is apparent that the many details essential to a proper presentation of the evolution of the organization have a place in such a record and should be preserved, both from a national and a chapter viewpoint. While this office regards this type of a history as being not only very highly desirable but essential to the stimulation of the fraternal spirit so frequently lacking in professional and honorary organizations, it is obvious that such a book would not be the production desired by the council of 1939.

After a certain amount of material had been prepared and attempts made to put it in the briefest possible form, it was realized that such a condensation would fail both in presenting a full history of the fraternity and

in meeting the needs contemplated by the council; it would be necessarily incomplete in certain sections and yet would be too long for the immediate needs of the fraternity.

After considerable thought on the matter, this office recommends that the conclave consider the two recommendations given below.

First: that a brief history, developed primarily for the use of chapter initiated and for petitioning groups, be authorized for publication, subject to the approval of the council. (Much of the material for this type of history is now on hand and the preparation of the first copy, barring unforeseen demands upon the time of the historian, should be completed before the end of the school year. Suggestions and comments on the type of material to be included will be welcomed and the present meetings afford an opportunity for any delegate to offer such information).

Second: that the more complete history of the fraternity be considered by a committee at this conclave. As has been pointed out at previous meetings of the council, much unrecoverable details of the life of the organization are easily lost from year to year and steps should be taken to preserve such items. It is possible that the longer history might be organized on an annual basis, typed or mimeographed after each conclave, and filed until such time as the fraternity is financially able to publish. Possibly the history could then be brought out in one or more volumes, each dealing with a separate

period in the life of the fraternity. The historian, therefore, asks that the conclave consider the appointment of a permanent committee to aid in production of this more ambitious project.

Respectfully submitted
S. M. McClure,
Grand Historian

REPORT OF THE RESOLUTIONS COMMITTEE

RESOLVED that this Conclave express its sincere appreciation of the courtesies extended by the management of the Ball Brothers glass works for the privilege of visiting that industry and to

Dr. L. G. Montgomery, Dr. Carter, and Mr. Everett Johnson of the Ball Memorial Hospital for the lecture and demonstration given for our organization, and to

President L. A. Pittinger and Dean Ralph Noyer of Ball State Teachers College for their valued aid and assistance to the Conclave, and to

Our hosts, the members of Xi chapter, to Mr. Robert M. Featherston, their efficient chairman, and to all others who have aided in making the 1940 conclave meetings memorable in the history of Sigma Zeta, and

That a copy of the resolutions be sent to the press and to the individuals and organizations named.

THE RESOLUTIONS COMMITTEE

J. H. Carter (Kappa)
Ethel V. Hill (Zeta)
S. M. McClure (Beta)
Chairman

FINANCIAL REPORT OF THE GRAND RECORDER TREASURER

May 16, 1940

Receipts

Balance, April 22, 1939	\$294.35
Omicron Chapter, fee for charter	\$ 10.00
Alpha Chapter, 6 members	7.50
Omicron Chapter, 18 mem- bers	22.50
Xi Chapter, 7 members	8.75
Kappa Chapter, 8 members	10.00
Omicron Chapter, 13 mem- bers	16.25
Xi Chapter, 18 members	22.50
Kappa Chapter, 1 members	20.00
Lambda Chapter, 20 members	20.00
Mu Chapter, 6 members	7.50
Omicron Chapter, 6 members	7.50
Delta Chapter, 10 members	12.50
Xi Chapter, 2 members	2.50
Key sold, large	7.50
Key sold, small	4.88
Theta Chapter, 5 members	6.25
Zeta Chapter, 14 members	17.50
Kappa Chapter, 11 members	13.75
Total	\$222.38
Grand Total	\$516.73

Disbursements

T. A. Rogers	\$ 9.60
H. W. Gould, postage and Conclave expenses	5.75
Miss Courtright, typing	3.00
Sigma Zetans	42.45
College Shop, key q.....	6.90
Railway Express	3.15
Nixon Printing Company, Sigma Zetans	30.00
Conclave Expenses, Xi Chap- ter	50.00
T. A. Rogers, postage, express, etc.	15.75

T. A. Rogers, expenses to Con- clave	20.80
Total	\$187.40
Balance May 15	\$329.33

Respectfully submitted

T. A. Rogers

Grand Recorder-Treasurer

PERSONAL IMPRESSIONS OF THE 1940 CONCLAVE

By Student Delegates in Attendance

I enjoyed the 1940 Conclave and I felt we had a splendid time. Meeting and talking with people in our field made the greatest impression on me. Especially did I enjoy the hospitality of the dorm which made it possible to become better acquainted with the members from other organizations.

However, I do wish that more had been said on the line of mathematics. Most of it was science. I believe it was exaggerated as to the smallness of the mathematics exhibit. After all, the math department did exhibit linkages, field math instruments, etc.

I especially enjoyed Mr. Wiggam's speeches. I felt they added a lot of pep to our sessions. Everyone liked his informality. I think the Conclave could well have extended over a longer period of time.

—Horace Cook (Xi)

The 1940 Conclave admirably fulfilled all the objectives of such a convention, which are, it seems to me, to acquaint members with some of the latest advances in scientific methods, to expand the horizons of thought beyond a limited field by

showing the interrelationship of all fields of science, social and applied, as well as pure, and to make inspiring contacts with other persons interested in the same general field with whom ideas may be exchanged, resulting in the mutual enriching of personalities.

The first was experienced in the trip to the Ball Memorial Hospital laboratories and the lectures given there by Dr. L. G. Montgomery, Dr. Carter, and Mr. Everett Johnson. We were made to realize the need for the application of the laws and principles of science to bring about a more satisfactory and enduring social system by Dr. Albert Wiggam's excellent lectures. We saw science applied practically in the Ball Mason Jar factory. And all the time we were making memorable and extremely worthwhile contacts with persons from many other localities. Our congratulations to Dr. P. D. Edwards, Mr. Robert Featherston and his efficient committees who made the Conclave run so smoothly that no amount of drenching could dampen the general enthusiasm of our 1940 Conclave.

—Eleanor Courtright (Nu)

It was a great pleasure to me, as president of Xi Chapter, to be the official host of a national convention of Sigma Zeta. The outstanding opportunity it afforded me was a chance to talk to students from other states whose interests were similar to mine. If I were to criticize the convention, I would say we had it, if anything, too well planned as to time consumption. Perhaps "well"

isn't the word I want. I do believe, however, that there was not enough time for informal visiting with our guests. We could easily have spent weeks together discussing common problems—two days or less were very inadequate for this, and yet many of us, I feel, did gain much from the associations we had with fellow Sigma Zetans. We at Ball State also appreciate the educational value and experience of sponsoring a national meeting. No doubt many of us will have similar responsibilities after school years are over.

—Robert M. Featherstone (Xi)

The 1940 Conclave at Muncie, Indiana, was one of the most enjoyable meetings that I have ever had the privilege to attend. The location of the meeting on a very beautiful campus was one of the factors that contributed to its success. I think Mr. Featherston and the XI Chapter should be greatly complimented on their adept handling of this meeting. They have set a standard which the host of our next meeting would do well to follow.

—John F. Gillette (Kappa)

To limit my impression to a paragraph is quite a task, for I remember so many incidents that went into the making of a truly enjoyable two days spent in Muncie. Among the things that I saw which interested me particularly as a future home economics teacher were the craft center at Burriss, the teacher loan service, and the Ball Fruit Jar Factory. Any-

one interested in education certainly gained a great deal about which to think from the two addresses. Anyone who visits another campus and does not profit both socially and professionally is not making the best possible use of opportunities given to him. As a member of Kappa Chapter I should like to extend congratulations to Xi Chapter for a most inspirational Conclave.

—Gladys Hudson (Kappa)

I shall remember the Conclave at Ball State as one of the outstanding things that happened during my senior year. Our weary group arrived back in DeKalk Saturday evening after crowding as much entertainment, information, and memories into two days as in humanly possible. Ball State should be congratulated for the smooth way in which the program was carried out. The only complaint I've heard is that the time was not long enough, and that's a compliment.

—Warren Kiedlisch (Nu)

It is very difficult to express the thrill I received during my recent attendance at the National Conclave. To say that I was favorably impressed is to state in the mildest manner the enjoyment that I received in meeting so many society friends in such pleasant and beautiful surroundings as the Ball State Teachers College afforded us. The absence of good weather was compensated by the presence of a great degree of hospitality and friendliness. I feel sure that the effort expended by Xi Chapter was appreciated to the high-

est extent by all who attended I shall long remember my visit to Ball State.

—Frances W. Scott (Kappa)

Upon my return to Central State Teachers College I tried to recall the outstanding impressions received at Muncie and in conclusion I find myself with the following: (1) The well-executed programs of Mr. Featherstone. (2) The friendly and hospitable atmosphere of the people. (3) The common interests of all congregated. (4) The chapter differences relative to routine in initiation and selective procedures. (5) The vividness of the girls dormitory and the underground tunnels.

I was very much pleased by the common feeling which dominated the Conclave and yet somehow I sensed an existing difference in each group as it was presented to me. This meager difference furthered the personal idea which I hold about the effectiveness of environment and location. The speech accents were noticed by all our chapter members in attendance.

The few words offered by the gentleman from Africa brought us much light about the "Dark Continent." His words again demonstrated the fact that the simplest procedures can contain important scientific lessons.

Another impression that lingers in my mind, I dislike to mention. This one pertains to the Ball Brothers and their part in the financing of the Ball State College. All of us at some time or other have been told not to look at teaching or the educational field from the financial angle, but that we

should be pleased with the opportunity to render valuable services in that field; yet, we all know, however, the importance of financial gains and assistance obtained therefrom. This is quite true about Ball State and the foster parents, the Ball Brothers. Probably we should be proud of the fact that our educational field should have been held in such esteem as to draw such desirable help from someone able to help.

Last, but not least, I mention the pleasant stay at the girls dormitory. The extensive permissions granted were very much appreciated by all of us boys but somehow the effeminate atmosphere reminded me of the time when my mother punished me by making me wear one of my sister's dresses. I hated that, but for some reason I like to reminisce about this stay.

—Harry Sheski (Zeta)

I have been to a good number of conferences, rallies and conventions of one kind or another during my two years in this country, but impressions of the National Conclave of Sigma Zeta, held at Ball State Teachers College in Muncie, Indiana, will be outstanding in my memory.

First of all there was the wholesome fellowship with others who were devoted to Science—the Search for Truth. Our common quest was taken of similar attitudes, and friendships were soon established.

The high quality of scholarship and moral character represented in the delegates present was soon felt at both formal discussions and during

our informal contacts. One felt that one was meeting the future leaders of the nation.

—John Karefa Smart (Epsilon)

One of the things that I feel contributed largely toward the success of the Conclave was the graciousness and hospitality of our hosts. The spirit of friendliness impressed me at every meeting I attended as well as during my stay at Lucina Hall.

The two most interesting and educational gatherings to me, personally, were the trip to the Ball Glass Factory and to the Ball Memorial Hospital. Both were practical demonstrations of the widespread value of science in our everyday life. Both brought a new consciousness of the great work being done every day through the medium of science.

As far as benefit derived by the group for our home chapter was concerned, I think the exchange of ideas during the informal student discussion was the most valuable. However, I am certain that by allotting more time to these forums, they would be of greater value and everyone would be better satisfied. Also, the suggestion made regarding the change of time for the business meeting was one that should not be dropped. By lengthening the conference a half day (starting it on Friday morning) and scheduling the business meeting some time during the first day, the necessity for rushing through matters could be eliminated. Proper attention could be given resolutions—introduced and suggestions made—there could be some de-

finite action taken—there could be something new toward which to work. Furthermore, the new officers could be introduced to the group at large during the evening banquet. Wouldn't this promote a greater feeling of co-operation and "one-ness?"

I feel, and I am sure the rest of the Wisconsin delegation will agree with me, that the three days spent in attendance at the Conclave were well worth the time. My only regret is that with graduation this year, goes the immediate possibility of attending another in the future.

—Florence Smith (Zeta)

My impressions of the Sigma Zeta Conclave which was held at Ball State Teachers College, Muncie, Indiana, were concerned with various things. I felt that the weather may have detracted somewhat from the Conclave, but even as much water as we saw that week-end did not dampen the spirits of the group of teachers and aspiring students who met at Ball State.

The first thing that impressed me was the fine reception that visitors received from the committee in charge. I was further overwhelmed by the marvellous plant that composes Ball State; Burriss Training School, the dormitories, the Arts Building, the gymnasium etc., etc. I thought Dr. Wiggam a very inspiring speaker,—the trip through the Ball Glass Company an interesting and educational one,—and the talk and tours through the annex to Ball Memorial Hospital fascinated me. So, I for one, say that the Xi Chapter is to be congratulated for having such a

successful Conclave.

—Mary Wells (Epsilon)

This report from Beta is a resume of the Saturday afternoon discussion of the delegates, including Professor McClure, while enroute to Turkey Run State Park. It represents the post-Conclave reactions and reflections and is entirely informal rather than a seriously considered and planned article.

It seemed to us, that every delegate had a fine time, with interests ranging from towel throwing to the art exhibit. The trips were good, and Professor McClure, who has attended most of the Conclaves, declared Dr. Wiggam's talks were tops in Sigma Zeta Conclave lectures. The banquet was all that might be asked for any fraternity gathering.

Beta's chairman, who does a bit of secretarial work for Professor McClure, horned in on most of the council sessions and realized for the first time how much of the work of the fraternity revolves around this small group of men.

By contrast, the business meeting of the Conclave seemed much less efficient. If a delegate of each chapter could have been provided with the agenda of the business to be transacted, the Beta delegate might have discussed and voted more intelligently on some of the questions. Apparently other delegates didn't know much more about the fraternity affairs than we did. Incidentally, it looks as if a short business meeting on Friday, perhaps before the banquet, might lessen the work of

the regular Saturday session.

Two recommendations impressed us as highly desirable: a national ritual is a necessity, and the suggestion that a position on the program be given for student papers from undergraduate science research seems to be a splendid recommendation. The start given this project last year at DeKalb was a good beginning and one of us who appeared on this program at that time knows the situation afforded by the opportunity to present his work on such an occasion. He realizes also something of the difficulties that the Conclave committee would encounter in preparing a program of this kind, but is still convinced that one meeting of the Conclave devoted to student papers might well supplant one of the formal lectures.

By the time these ideas had been discussed, the Beta party was at Turkey Run State Park and the 1940 Conclave was a memory of fine lectures, interesting delegates, and a splendid host chapter, to say nothing of the Hoosier SPRING WEATHER! !

—Composite Report from Beta

The delegates of Lambda Chapter feel, as we are sure does everyone who attended the Conclave, that the affair was pre-eminently successful. We feel that the Xi Chapter deserves commendation for their gracious hos-

pitality and the interesting and varied program presented during these two days.

As to the nature of the program itself, we feel that a more interesting speaker could not have been found than Dr. Albert Edward Wiggam. The tours of the Ball Brothers Glass Factory, the Ball Memorial Hospital, and the enchanting setting for a perfect banquet are experiences we do not soon expect to forget. What we consider outstanding in the line of business is the organization of the Committee on Policies.

As we left Ball State, however, we went away feeling that the time allowed was at least a day too short. Recalling the unusual talk given by John Smart of Nu Chapter and the explanation of the polarograph by Mr. Faust, it is our opinion that an extra day could be used for the Conclave, and that day could consist largely of a student participated program. This would not only add interest to the host chapter and attending delegates, but would stimulate activity in each of the local chapters.

Pledging Lambda Chapter's continued loyal support to any movement designed to further the progress of Sigma Zeta, we remain,

Fraternally yours,

—Theodore V. Novak

—Robert E. Lewis

—Mansfield Delegation

Registrants at the National Convention, April 19 and 20

ZETA—1929

**Central State Teachers College
Stevens Point, Wisconsin**

T. A. Rogers	Ray Wiersig
Gilbert W. Faust	Robert Burkman
Reuben Belongia	Elida Torkelson
Harry Sheski	Ethel V. Hill
Florence Smith	Arthur S. Lyness
Gotelind Rademacher	

KAPPA—1935

Western Illinois State Teachers College, Macomb, Illinois

Francis Scott	Cladys Hudson
Charles V. Banks	Glenadine Gibb
Robert McNutt	Gerald Fargusson
Ralph G. Suggs	J. Hal Carter
John F. Killete	Walter Eller

LAMBDA—1936

**Mansfield State Teachers College,
Mansfield, Pennsylvania**

Mrs. Esther W. Werlier	Jack Yeager
Robert E. Lewis	Theodore V. Nowak
Barbara Armstrong	

EPSILON—1929

**Otterbein College,
Westerville, Ohio**

Mary Wells	John Karifa Smart
Oweneth Cousins	F. A. Hanawalt
Richard Grimm	

ALPHA—1925

Shurtleff College, Alton, Illinois

I. L. Gladhart	Marilyn D. Stanton
R. E. Guerrant	Nelson B. Russell
Pauline Johnson	Richard F. Rutz
Fred Williams	E. Bernard Harms
Herbert Etter	Willard Miller

NU—1937

Northern Illinois State Teachers College, DeKalb, Illinois

H. W. Could	Ralph Hallen
Mary Ellen Oitscheid	Eleanor Courtright
Mildred Bradford	Warren Kiedalsch
Phil Whitford	

BETA—1926

McKendree College, Lebanon, Illinois

S. M. McClure	Delmonte Beckemeyer
Owen Williams	

OMICRON

**Wilson Teachers College
Washington D. C.**

Marshall C. Gardner

XI CHAPTER

**Ball State Teachers College
Muncie, Indiana**

Registrants

Faculty	Robert Featherstone
O. B. Chirsty	Leland Ray Fee
Robert Cooper	Glenn Fidler
P. D. Edwards	Constance Gabel
F. V. Graham	May Furnish
Harry Howick	Virginia Louise Garst
Floy Hurlbut	Hilda Havens
Roy Maxwell	Alvin Lake
R. N. McCormick	Olive Leskow
D. E. Miller	Loren Jones
Clara Ueirce	Marjorie Rust
L. S. Shivley	Donna Belle Risk
L. H. Whitcraft	Fred G. Shuman
Lorraine Hunter	

Associate Members

Active Students	Rosemary Anderson
Francis BeVier	Alice Marie Clark
Thomas Jacob Baldwin	Gerald Eugene Cooper
Leland Brown	Ernestine R. Morris
Joseph J. Browning	Maurice D. Patterson
Kenneth R. Conkling	Dale Kellam
Horace Cook	

Banquet Attendance

Donna Belle Risk	Martha Griner
Horace Cook	Alice Clark
Betty BeVier	Fred Shuman
Joe Browning	May Furnish
Loren Jones	Ernestine Morris
D. E. Miller	Mr. Edwards
Olive Leskow	Mr. Whitcraft
Robert Featherstone	Mr. Howick
Robert Cooper	Miss Peirce
Virginia Garat	Miss Hurlbut
Hilda Havens	Mr. Graham
Mr. Shivley	Kenneth Stonebraker
Lorraine Hunter	Mr. McCormick
Glenn Fidler	Thomas Baldwin

NATIONAL CONVENTION

Members Attending Banquet

Xi Chapter members	28
Other local people	10
Members of other Chapters	52
Others	2
Total	92



**OUR NEW GRAND MASTER
SCIENTIST**

Prof. A. J. Esselstyn, Professor of Organic Chemistry at Otterbein College, Westerville, Ohio, has been elected Grand Master Scientist for 1940-41. He received his B. S. Degree from Alma College and his M. S. Degree from Cornell University. At present he is working on a Ph. D. Degree in Chemistry at Ohio State

University. During the World War I and thereafter he was a chemist in the high explosive ammonium picrate plant at Lansing, Michigan. He is a member of the American Association for the Advancement of Science, of the American Chemical Society, and also of the Lambda Upsilon Society.