PROCEEDINGS OF THE ACADEMY,
1917 AND 1918

FORTY-SEVENTH ANNUAL MEETING, 1917.

The forty-seventh annual meeting of the Wisconsin Academy of Sciences, Arts, and Letters, in joint meeting with the Wisconsin Archeological Society, was held at Milwaukee, on Thursday and Friday, April 12 and 13, 1917, in the Trustees' Room of the Milwaukee Public Museum.

FIRST SESSION, THURSDAY, APRIL 12, 3 P. M.

President H. L. Ward called the meeting to order. The committee to audit the Treasurer's accounts was appointed, George Wagner and Samuel A. Barrett being named. The reports of the Secretary and Treasurer were read.

The following programme of papers was presented:


**SECOND SESSION, FRIDAY, APRIL 13, 9:30 A.M.**

The second session was presided over by President H. L. Ward. The following programme of papers was presented:


12. The Washo Indian. **S. A. Barrett.** Twenty minutes. Illustrated.

13. The Creation of the Yosemite Valley as told in Miwak Mythology. **S. A. Barrett.** Fifteen minutes. Illustrated.


15. The Discovery of Fluorite in the Ordovician Limestones of Wisconsin. **Rufus M. Bagé.** Ten minutes.


Paper 19 was discussed by Dr. J. J. Davis.

THIRD SESSION, FRIDAY, APRIL 13, 2:30 P.M.

Professor Rufus M. Bagg called the meeting to order, after which the following programme of papers was presented:

33. On the Crystalline Style of the Lamellibranchs. T. C. NELSON. Ten minutes. (Presented by GEORGE WAGNER.)
34. On a Remarkable Occurrence of Warblers. GEORGE WAGNER. Five minutes.
38. Wisconsin and State Rights. LOUISE B. KELLOGG. Fifteen minutes.
40. Beloit Mound Groups. IRA M. BUELL. Fifteen minutes.
41. Indian Remains in Sheboygan County. A. GEREND. By title.
42. The Conchoidal Fracture in the Flaking of Flint Implements. H. L. SKAYLEM. Twenty minutes.
43. Mounds and Sites of Green Lake. C. E. BROWN. Fifteen minutes.
44. Indian Earthworks of the Lake Chetek Region. C. E. BROWN and R. H. BECKER. By title.
45. The Milwaukee Museum School Loan Study Set on Forestry. HURON H. SMITH. Ten minutes. Illustrated.
46. Museum Exhibition of the Fungi. HURON H. SMITH. Ten minutes. Illustrated.
47. Botanical Exhibitions in the Public Museum. HURON H. SMITH. Ten minutes.
48. A Native Tree Exhibit for Wisconsin. HURON H. SMITH. Ten minutes.
49. Plans for a State Flora. HURON H. SMITH. Ten minutes.
On motion, the Secretary was instructed to cast the ballot for the following candidates for membership:

- James Percy Bennett, Madison.
- Mabel Mary Brown, Madison.
- Ira M. Buell, Beloit.
- A. R. Cahn, Madison.
- Sylvester J. Carter, Milwaukee.
- Ira Edwards, Milwaukee.
- Ernest William Hawkes, Milwaukee.
- William O. Johnson, Milwaukee.
- George W. Keitt, Madison.
- Charles Edward McLenegan, Milwaukee.
- Maude Miller, Madison.
- Thomas Edmund Burt Pope, Milwaukee.
- C. Audrey Richards, Madison.
- Henry A. Schuette, Madison.
- Huron Herbert Smith, Milwaukee.
- J. Charles Walker, Madison.
- Louis Wann, Appleton.
- Fred Werner, Milwaukee.
- Clyde M. Woodworth, Madison.

**Fourth Session, Friday, April 13, 7:30 p. m.**

The annual dinner was held in the Republican House, President H. L. Ward presiding. An informal programme and discussion was carried out. At the close of the dinner the Academy was declared adjourned, to meet in 1918 in Madison.

Arthur Beatty,
Secretary.

Honorary Members ...........................................  6
Life Members .................................................. 11
Corresponding Members ...................................... 41
Active Members ................................................ 210

Total ............................................................ 268

CHANGES SINCE LAST REPORT.

Of the 14 applicants for membership at the last annual meeting, 13 have been enrolled, one not having completed the requirements by the payment of dues.

Active Members reported in April, 1916 ..................... 216
New Members enrolled ........................................ 13

Deaths ..........................................................  2
Resignations ....................................................  3
Dropped for non-payment of dues .............................. 15

20  20

Transferred from Corresponding to Active Membership .........  1

Present Active Membership .................................. 210

New Applications for Membership ................................ 19

Membership Accounts—April 11, 1917.

Memberships paid to end of 1918 or later ......................  3
“ “ “ “ 1917 .................................................................. 16
“ “ “ “ 1916 .................................................................. 152
“ “ “ “ 1915 .................................................................. 21
“ “ “ “ 1912, 1913, or 1914 ..........................................  18

210
I regret to report the loss of two active members by death—H. S. Hippensteel, Stevens Point, who died April 25, 1916; and W. J. Brinekely, Milwaukee, who died May 1, 1916.

Arthur Beatty,
Secretary.

REPORT OF THE TREASURER FOR THE YEAR 1916.

Receipts.

Received from dues and initiations. .................................. $213.04
Received from sale of transactions ................................... 2.45
Received from interest on bonds .................................... 153.00

$368.49

Balance on hand April 8, 1916 ...................................... 29.92

$398.41

Disbursements.

Secretary-Treasurer's Allowance ................................... $200.00
Safety Deposit Box Rent ............................................. 3.00
1 Bond purchased April 2, 1917 .................................. 100.00

$303.00

Balance on hand April 11, 1917 ................................... $95.41

Arthur Beatty,
Treasurer.

Milwaukee, April 12, 1917.

Your auditing committee has compared the report of the treasurer with the books and vouchers, and find that the report is correct.

George Wagner,
Samuel A. Barrett.
FORTY-EIGHTH ANNUAL MEETING, 1918.

The forty-eighth annual meeting of the Wisconsin Academy of Sciences, Arts, and Letters, in joint meeting with the Wisconsin Archeological Society, was held at Madison on Thursday and Friday, April 11 and 12, 1918, in the Auditorium of the State Historical Museum.

FIRST SESSION, THURSDAY, APRIL 11, 3:00 P. M.

The meeting was called to order by Professor C. E. Allen, Vice-President for Sciences, as President Henry L. Ward was unable to be present on account of sickness. Dean Birge drew attention to the absence of President Ward in appropriate remarks, and moved that the Secretary send a suitable letter of condolence to President Ward. This letter was sent at once.

As this was the year for the election of officers, the chairman named the following nominating committee: Charles R. Van Hise, J. J. Davis, Charles S. Slichter.

The chairman also appointed Albert S. Flint and Charles E. Brown as members of the committee to audit the Treasurer's report.

The following programme of papers was presented:

1. Additional Wisconsin Peace Medals. CHARLES E. BROWN. Ten minutes.
2. Votive Offerings of Indian Pottery from Colombia, S. A. GEORGE A. COLLIE. Twenty-five minutes.
3. The Stratigraphic Structure of Wisconsin Indian Mounds. SAMUEL A. BARRETT. Twenty-five minutes. Illustrated. (Read in synopsis by the Secretary.)
4. Effigy Mounds in Iowa. CHARLES E. BROWN. Ten minutes.
5. The State Collection of War Posters. RUTH O. ROBERTS. Fifteen minutes.
SECOND SESSION, FRIDAY, APRIL 12, 9:30 A. M.

The session was called to order by Vice President Frank G. Hubbard, who called for the report of the nominating committee. The report was as follows:

The committee on nominations beg leave to report the following nominations for officers for the ensuing term:

President, E. A. Birge, Madison.
Vice President, Sciences, Eratus G. Smith Beloit.
Vice President, Arts, A. C. Clas, Milwaukee.
Vice President, Letters, F. L. Paxson, Madison.
Secretary, Arthur Beatty, Madison.
Treasurer, Arthur Beatty, Madison.
Curator, C. E. Brown, Madison.
Librarian, Walter M. Smith, Madison.

COMMITTEE ON PUBLICATION.
The Secretary,
The President,
C. E. Allen, Madison.

COMMITTEE ON LIBRARY.
The Librarian, ex officio,
George Wagner, Madison.
Paul H. Dernehl, Milwaukee.
Rufus M. Bragg, Appleton.
Albert G. Gilman, Ripon.

COMMITTEE ON MEMBERSHIP.
The Secretary,
L. J. Cole, Madison.
S. A. Barrett, Milwaukee.
A. F. McLeod, Beloit.
E. M. Gilbert, Madison.

Respectfully,
Chas. R. Van Hise,
John J. Davis,
Chas. S. Slichter,
Committee on Nominations.
On motion of the chairman, the Secretary cast the ballot for
the candidates named.

President-elect Birge was then called to the chair.

The reports of the Secretary and of the Treasurer were read,
and the auditing committee vouched for the correctness of the
Treasurer's accounts.

The reading of papers was then proceeded with, as follows:

    OLIVER. Ten minutes.
7. The Passing of a Historic Waterway. F. E. WILLIAMS. Twenty
    minutes.
8. The Literary Precursors of Wagner's Meistersinger. EDWIN C.
    ROEDER. Twenty minutes.
    of War. ARTHUR BEATTY. Twenty minutes.
10. The Habits of the Fishes in Wisconsin. A. S. PEARSE. Twenty
    minutes. Illustrated.
11. Experiments on Rabbits with Immune Serum. M. F. GUYER.
    Thirty minutes.
12. The Relation of Age of Dam to the Production of Twins in Cattle.
    SARAH V. H. JONES. Ten minutes.
    C. M. WOODWORTH. Fifteen minutes.
14. The Bottom Fauna in the Deeper Water of Lake Mendota. C.
    JUDAY. Ten minutes.
15. Recent Observations on the Chrysopidae of Milwaukee. ROGER C.
    SMITH. Eight minutes.
17. The Hydrohalogens. LEANDER SHERK. By title.

THIRD SESSION, FRIDAY, APRIL 12, 2:30 P. M.

President Birge called the afternoon session to order. On the
initiative of the Treasurer the question was raised as to whether
the Academy's balance should be invested in City of Madison
Bonds as usual, or in securities which pay a higher rate of in-
terest. After some discussion the Treasurer was advised to con-
tinue his usual practice.

The presentation of papers was proceeded with, as follows:

    Illustrated.

At the close of the programme the Secretary presented the following applications for membership. On motion, the Secretary was instructed to cast the ballot in their favor:

Melvin H. Brannon, Beloit.
Frederic Dorefler, Madison.
P. H. Hawkins, Madison.
Sarah V. H. Jones, Madison.
Sterling E. Price, Madison.
W. E. Tottingham, Madison.
Charles H. Vilas, Madison.

The Secretary presented the name of Mrs. Lucius Fairchild, presented by the council for election as an Honorary member. On motion the Secretary was instructed to cast the ballot in her favor. This was done, and Mrs. Fairchild was declared an Honorary Member of the Academy.

On the completion of this item of business the Academy was declared adjourned.

Arthur Beatty,
Secretary.
REPORT OF THE SECRETARY FOR THE YEAR 1917.

Honorary Members .......................................................... 6
Life Members ............................................................... 11
Corresponding Members .................................................. 41
Active Members ........................................................... 208

Total ............................................................................. 268

CHANGES SINCE LAST REPORT IN APRIL, 1917.

Of the 19 Applicants for membership at the last Annual Meeting, all have been enrolled.

Active Members reported in April, 1917 ................................................................. 210
New Members enrolled since April, 1917 ................................................................. 19

.................................................................................. 229

Deaths ................................................................. 4
Resignations .............................................................. 6
Dropped for nonpayment of dues .................................................. 11

.................................................................................. 21

Present Active Membership ............................................................. 208

New Applications for Membership to be acted upon at this meeting 7.

MEMBERSHIP ACCOUNTS, AS SHOWN APRIL 1, 1918.

Accounts paid to end of 1921 ............................................................. 2
   " " " " 1918 ............................................................. 8
   " " " " 1917 ............................................................. 155
   " " " " 1916 ............................................................. 34
   " " " " 1915 ............................................................. 7
   " " " " 1914 ............................................................. 2

.................................................................................. 208

I regret to have to report the loss of 4 Active Members by death, since the last Annual meeting. Rev. Dr. Eugene Grover Updike, of Madison, died Dec. 24, 1917; he had been a member of the Academy since 1892. Professor William Porter of Beloit
College, a member since 1894, died October, 1917. In October, 1917, William H. Ellsworth, of the Ellsworth-Thayer Mfg. Co. of Milwaukee, died, his membership dating back to 1905. Mr. George Bowman Ferry, Architect, of Milwaukee, died in January, 1918; he had been a member since 1896.

Arthur Beatty,
Secretary.

April 12, 1918.

REPORT OF THE TREASURER FOR THE YEAR 1917.

Receipts.

Received from dues and initiations.................................. $214.00
Received from sale of transactions....................................  5.40
Received from interest on bonds...................................... 158.00
Received from 3 bonds matured April 1, 1918.......................  300.00

677.40
Balance on hand April 11, 1917......................................  95.41

762.81

Disbursements.

Secretary-Treasurer's Allowance....................................  $200.00
Safety-Deposit Box Rent.............................................  2.00
Expenses of meeting, 1917...........................................  10.48

$213.48

Balance on hand April 12, 1918......................................  $549.33

Present Permanent Investment consists of 25 City of Madison Bonds.

Arthur Beatty.
Madison, April 12, 1918.

Your committee, appointed to audit the Treasurer's accounts, have compared his report with the books, vouchers, and the bonds in the safety deposit box, and find that the report is correct.

Albert S. Flint,
Charles E. Brown.