in completing the series, was presented and placed on file.

5. The permanent secretary reported on the symposium on nationalism held at Chicago, and was authorized to proceed to the publication of the same as provided for in the arrangement made with Dr. Duren J. H. Ward, of Denver.

6. The application of the Louisiana State Academy of Science for affiliation with the association was discussed and unanimously approved.

7. Three members of the class of 1880, recommended by the standing committee on life membership, were elected life members under the terms of the Jane M. Smith bequest, namely, Erolon R. Chadbourn (M80), Edwin Herbert Hall (M80F81), and Charles Mellen Knight (M80F04).

8. Dr. A. E. Kennelly, chairman of the committee on mathematical symbols, presented a signed report from the committee recommending "the limiting of the scope of the sectional committee in the future to the standardizing of symbols, equations and signs for formulae, leaving graphical symbols such as are used in engineering drawings to the custody of such a committee as may be set up for this purpose." The recommendation was adopted and the committee continued.

9. The permanent secretary reported the plan for printing by The Science Press of a series of occasional publications, including to date two items accepted by the executive committee, viz., the report of a special committee on "The Protection by Patents of Scientific Discoveries" and the symposium on "Physical and Chemical Changes in Nerve During Activity." The plan was approved.

10. The committee on calendar reform, through the chairman, Dr. A. E. Kennelly, submitted a report which was accepted and placed on file.

11. After extended discussion it was voted to rescind the action taken on December 28, 1929, in regard to a thirteen-month calendar and to refrain at the present time from advocating any particular plan of calendar reform.

12. The permanent secretary read a communication reporting the membership of the committee on conservation and land utilization, authorized at the Chicago meeting, to consist of T. N. Carver (Harvard University), chairman, Arthur E. Morgan (Antioch College), O. E. Baker (U. S. Bureau of Agricultural Economics), Ellsworth Huntington (Yale University), and R. M. Harper (University of Alabama). The chairman was authorized to add other members as the plans were perfected.

13. Officers of the association were elected to replace those whose terms expired at this meeting. (The list is given on a preceding page.)

14. The following resolutions relative to the meeting were adopted:

Be it resolved, that the council of the American Association for the Advancement of Science, on the occasion of its adjournment at the fifth Boston meeting, express, on behalf of the association and of its affiliated and associated societies, its sincere appreciation and its hearty thanks to the faculties and administrative officers of the ten host institutions, Harvard University, Massachusetts Institute of Technology, Boston College, Boston University, Northeastern University, Radcliffe College, Simmons College, Tufts College, Wellesley College and Weston College, for the generous arrangements which they have made to facilitate the presentation of the large scientific program of the association and to furnish a variety of gracious hospitality; be it further resolved, that the council express its special gratitude to Dean S. C. Prescott, chairman, and to the other members of the local committee for their notable contribution in carrying through the many operations necessary to the success of the meeting; be it further resolved, that the council recognizes its peculiar indebtedness to Dr. Serge Koussevitzky and the Boston Symphony Orchestra for the testimonial concert which they so generously offered to us; be it further resolved, that the council express its thanks and appreciation to various press services which have so promptly disseminated the news of the meeting; and to the Boston Chamber of Commerce and the Hotel Statler for special facilities provided toward the efficient conduct of the meeting; be it further resolved, that copies of these resolutions be sent to the organizations and individuals concerned.

FINANCIAL AND MEMBERSHIP REPORT

The audited report of the treasurer, for the fiscal year ending September 30, 1933, reported endowment funds amounting to $203,374.83, according to cost or appraised values of the securities when acquired. Invested funds of the association produced 4.25 per cent. on its total investment for the fiscal year ending September 30. Despite these trying times, the association is in a comfortable position so far as income from its endowment is concerned.

The treasurer's reserve fund was increased $3,617.15 and at the end of the fiscal year amounted to $19,597.96. This sum represents unappropriated accumulations of previous years. In addition, the treasurer had on hand the prize fund of $3,000 (reserved for three annual prizes, including the Boston prize). There is also in the treasurer's hands funds of the permanent secretary's office amounting to $15,668.78. These funds are partially invested in securities that can be quickly liquidated in order to meet emergencies if they should arise in the work of the Washington office.

The office of the permanent secretary completed the year with a balance of $157.47 of current income over current expenses. The audited report of the permanent secretary shows receipts of dues and entrance fees for the current year amounting to $75,864.07. Delayed payments of dues for earlier years and advance payments amounted to $1,634.71. During the year $2,000 in life-membership fees were collected and turned over to the treasurer for the endowment fund, and $1,539 was received from the treasurer for journal subscriptions for life members. The total amount paid to the publishers of SCIENCE for members' journal subscriptions was $47,902.09. Division allowances and allowances to affiliated state academies to the amount of $3,600.50 were paid. General ex-
expenses of the Washington office were $18,021.44. Income from the Atlantic City meeting was $4,405.81, and expenses of the meeting paid out of current income was $7,058.03. These expenses were in addition to local expenses paid out of funds raised locally, amounting to about $4,000. Corresponding income and expenses for the Chicago meeting were $2,194 and $4,168.20, respectively.

The appropriate funds of the association on September 30 were as follows:

<table>
<thead>
<tr>
<th>Treasurer's office:</th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Accumulated available funds</td>
<td>$19,597.66</td>
<td></td>
</tr>
<tr>
<td>Treasurer's income, 1932-33</td>
<td>8,835.82</td>
<td></td>
</tr>
<tr>
<td>Prize fund</td>
<td>3,000.00</td>
<td></td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>$31,433.79</strong></td>
<td></td>
</tr>
</tbody>
</table>

Permanent Secretary's office:

| Accumulated available funds | $15,006.97 |
| Funds for specific purposes | 4,094.79 |
| **Total approvable funds** | **$19,041.76** |

Appropriations made subsequent to September 30 are as follows:

<table>
<thead>
<tr>
<th>Appropriations</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Three emeritus life memberships (income from Jane M. Smith fund)</td>
<td>$300.00</td>
</tr>
<tr>
<td>Three emeritus annual memberships (income from Luella A. Owen fund)</td>
<td>15.00</td>
</tr>
<tr>
<td>Life membership journal subscriptions</td>
<td>1,536.00</td>
</tr>
<tr>
<td>Treasurer's safe-deposit box (including tax)</td>
<td>22.00</td>
</tr>
<tr>
<td>Boston prize</td>
<td>1,000.00</td>
</tr>
<tr>
<td>Union of American Biological Societies</td>
<td>400.00</td>
</tr>
</tbody>
</table>

The following table will show the status of membership on September 30 of 1932 and 1933:

<table>
<thead>
<tr>
<th>Memberships</th>
<th>1932</th>
<th>1933</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sustaining members</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>Life members</td>
<td>512</td>
<td>511</td>
</tr>
<tr>
<td>Annual members, paid up</td>
<td>16,931</td>
<td>15,216</td>
</tr>
<tr>
<td>Total in good standing</td>
<td>17,444</td>
<td>16,728</td>
</tr>
<tr>
<td>Members in arrears for one year</td>
<td>1,432</td>
<td>1,644</td>
</tr>
<tr>
<td>Members in arrears for two years</td>
<td>789</td>
<td>1,177</td>
</tr>
<tr>
<td>Total enrolment</td>
<td>19,665</td>
<td>18,549</td>
</tr>
</tbody>
</table>

During the fiscal year 1933, 823 members were added to the membership list, while 1,939 were removed on account of resignations and deaths. (S. W.)

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### FINANCIAL REPORTS

#### OFFICE OF THE TREASURER

**Balance Sheet**

**September 30, 1933**

<table>
<thead>
<tr>
<th>Assets</th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Investments</td>
<td>Securities</td>
<td>$230,737.83</td>
</tr>
<tr>
<td>Cash</td>
<td>Income account</td>
<td>$8,836.07</td>
</tr>
<tr>
<td></td>
<td>Reserve for current needs</td>
<td>11,051.49</td>
</tr>
<tr>
<td></td>
<td><strong>Total</strong></td>
<td><strong>$250,625.39</strong></td>
</tr>
</tbody>
</table>

#### Endowment and Other Funds

- W. Hudson Stephens | $4,361.21 |
- Richard T. Colburn | 8,586.45 |
- Michael P. Rich | 10,066.06 |
- Hector E. Maiben | 31,448.17 |
- Luella A. Owen | 500.00 |
- Friends of Association | 3,559.00 |
- Sustaining Membership Fees | 7,000.00 |
- Life-Membership Fees | 7,700.00 |
- Reserve Fund | 19,597.96 |
- Emergency Reserve Fund | 15,668.78 |
| **Total** | **238,641.57** |

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**Grants**

- Frederick T. Lord | 148.00 |
- Prize fund | 3,000.00 |
- Accumulated income unappropriated | 8,635.82 |
| **Total** | **$250,625.39** |

### CASH STATEMENT

**October 1, 1932, to September 30, 1933**

<table>
<thead>
<tr>
<th>Receipts</th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Balance from last report</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Life-membership fees</td>
<td>$2,100.00</td>
<td></td>
</tr>
<tr>
<td>Estate of Luella A. Owen</td>
<td>500.00</td>
<td></td>
</tr>
<tr>
<td>Ben Maiben mortgage curtailment</td>
<td>2,000.00</td>
<td></td>
</tr>
<tr>
<td>Interest on investments and bank balance</td>
<td>10,154.08</td>
<td></td>
</tr>
<tr>
<td>Purchased interest on bonds</td>
<td>248.60</td>
<td></td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>$32,255.18</strong></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Disbursements</th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Investments:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>$5,000 New York Edison Co. Series C 5s, 1951</td>
<td>$5,000.00</td>
<td></td>
</tr>
<tr>
<td>$5,000 Brooklyn Edison Co. General Mortgage 5s, 1952</td>
<td>5,275.00</td>
<td></td>
</tr>
<tr>
<td>$5,000 Consolidated Gas of New York 5s, 1957</td>
<td>5,062.50</td>
<td></td>
</tr>
<tr>
<td>$5,000 Brooklyn Union Gas Co. Debts, 8s, 1950</td>
<td>5,100.00</td>
<td></td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>$20,737.50</strong></td>
<td></td>
</tr>
<tr>
<td>Interest purchased</td>
<td>248.60</td>
<td></td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>$20,986.10</strong></td>
<td></td>
</tr>
</tbody>
</table>

Interest granted to Council:

- C. F. Rossw | 1,000.00 |
- H. H. T. Stetson | 2,300.00 |
- Honorarium—Philip Fox, secretary of the Committee on Foreign Guests, Chicago meeting | 1,000.00 |
- Prize fund, Henry Eyring | 1,000.00 |
- Jane M. Smith, three emeritus life memberships | 300.00 |
- Life membership subscriptions to Science | 1,539.00 |
- Safe deposit box, collection charge, and U. S. tax on checks | 27.29 |
- Maiben lecture, Henry N. Russell | 218.00 |
| **Total** | **$27,370.30** |
| | **19,887.56** |
| **Cash on hand** | **$47,257.86** |

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**To the Executive Committee of the Council of the American Association for the Advancement of Science:**

This is to certify that I have examined the accounts of the Treasurer of the American Association for the Advancement of Science for the year ending September 30, 1933, and have verified the list of securities representing the investments of the Association and have satisfied myself that the income therefrom has been duly credited.

The financial statements accompanying the Treasurer's report correctly summarize his accounts and are in accord with the books of the Association.

**W. J. HUMPHREYS,**

Auditor.

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**RECIPES AND DISBURSEMENTS OF THE PERMANENT SECRETARY'S OFFICE FOR THE FISCAL YEAR 1932-33**

**October 1, 1932, to September 30, 1933**

<table>
<thead>
<tr>
<th>Dr.</th>
<th>Balance from last account:</th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Publication fund</td>
<td>$4,290.88</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Available for general purposes</td>
<td>5,586.62</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Emergency fund</td>
<td>8,906.00</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Special fund for Committee on Place of Science in Education</td>
<td>2,901.10</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Special fund for Committee on Popular Science Reading Lists</td>
<td>2,667.91</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Special fund for Joint Committee for Promotion of Research in Colleges</td>
<td>34.47</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>$19,942.98</strong></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**To receive from membership dues and fees:**

- Annual dues, previous to 1932 | 31.50
Annual dues for 1932 .................. 738.50
Annual dues for 1933 .................. 75,684.07
Advance payment for dues, etc. .......... 854.71
Entrance fees ........................... 200.00
Life-membership fees ....................... 2,000.00
$79,499.78

To other general subscriptions:
Life-membership journal subscriptions (from Treasurer) ........... 1,530.00
Interest on bank accounts .................. 592.20
Sales of Proceedings Volumes ............. 34.00
Sales of Booklets ......................... 55.43
Miscellaneous Receipts ..................... 44.00
Overpayments ................................ 24.00
Committee of One Hundred (from Treasurer) ............... 99.86

To special journal subscriptions:
Science and Scientific Monthly ........... 2,459.50
Science News Letter ....................... 564.00
To sales of Stabilization of Employment ................. 3,023.50

To Atlantic postage meeting:
Registration fees ......................... 1,961.00
Exhibition-receipts from exhibitors ....... 2,444.81

To Chicago meeting:
Registration fees ......................... 1,151.00
Sales of dinner tickets .................... 543.00
Gift for "National" symposium ............. 500.00

To Boston meeting:
Registration fee .......................... 1.00
Exhibition-receipts from exhibitors ...... 490.00

$112,698.06

By subscriptions to official journal, including foreign postage ...........
By Division and Academy allowances:
Divisions .................................. 2,061.00
Affiliated academies ....................... 1898.50
By expenses, Washington office:
Salaries .................................. 13,672.52
Office and addressograph supplies ....... 325.70
Printing and stationery ................... 1,512.98
Telephone and telegraph .................. 117.98
Postage .................................. 1,928.97
Exchange .................................. 57.99
Express, freight and drayage .............. 14.60
Office furniture and equipment ........... 152.87
Miscellaneous expense ...................... 237.83

$112,698.06

18,021.44

By circulation, inviting new members.
By miscellaneous expenditures:
Life-membership fees to Treasurer .......... 2,200.00

24.00

$3,884.20

Chicago meeting:
General expenses ......................... 2,240.09
Travel expenses, Executive Committee ...... 600.68
Travel expenses, Section Secretaries .... 1,061.96
Miscellaneous expenses, Section Secretaries ...... 526.66
Foreign postage ........................... 227.88
Exhibition ................................ 4,186.20
Press Service ............................. 466.02

7,056.03

Boston meeting:
General expenses ......................... 292.49
Exhibition ................................ 501.31

1,194.40

Appropriation to Syracuse local committees .................................. 317.03
Other travel expenses ...................... 677.19
General Secretary's office ................... 27.00

15,665.85

By printing Stabilization of Employment, including advertising ........... 713.56

By expenses, Committee on Place of Science in Education ................. 188.07
By expenses, Committee on Popular Science Reading Lists ............. 444.09
By special journal subscriptions:
Science and Scientific Monthly ........... 2,455.50
Science News Letter ....................... 571.00

3,036.50

By new cash balances:
Publication fund ......................... 1,850.88
Available for general purposes ...... 5,726.09
Emergency fund ......................... 5,000.00
Special fund for Committee on Place of Science in Education .......... 1,903.03
Special fund for Committee on Popular Science Reading Lists ........ 2,131.76

$3,041.76

Cash in banks:
American Security and Trust Co.
(Checking account) ....................... 286.21
American Security and Trust Co.
(Savings account) ......................... 1,187.02
Riggs National Bank (Savings account) ..... 1,890.75
Reserve in Treasurer's hands ......... 15,668.78

$15,041.76

DEAR DOCTOR WARD:

At my request, Mr. R. L. Reyman, accountant for the
Interstate Commerce Commission, has examined the
books and accounts of the permanent Secretary's office
for the year ending September 30, 1933. His report is
as follows:

"This is to certify that I have examined the records
of the receipts and disbursements of the American Asso-
ciation for the Advancement of Science for the twelve
months ending September 30, 1933, and have found such
records to have been correctly kept.

'Proper vouchers were shown for all disbursements.'

I have every reason to believe that Mr. Reyman's cer-
tificate reflects the true condition of the accounts of the
Permanent Secretary's office.

Yours very truly,

W. J. HUMPHREYS,
Auditor.

SESSIONS OF THE SECRETARIES' CONFERENCE AND THE ACADEMY
CONFERENCE

The Academy Conference, which acts as a standing
committee of the association devoted to the 28
regional academies of science that are affiliated with
the association and to their relations with the latter,
held its annual session at the Hotel Statler on Wed-
nesday morning and afternoon. The session, which
included the regular academy luncheon, was well at-
tended by academy representatives and several impor-
tant matters were discussed. Dr. S. W. Bilsing
(Texas A. and M. College) is secretary.

The Secretaries' Conference, which also acts as a
standing committee of the association, held its annual
session on Sunday at the Hotel Statler. This confer-
ence comprises the 11 members of the association's
FINANCIAL AND MEMBERSHIP REPORT

W. J. Humphreys

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DOI: 10.1126/science.79.2040.92