RESOLVED, That copies of these resolutions be sent to the President of the United States, to all the members of the Cabinet, and to the Chairmen of the Committees on Naval Affairs of the Senate and of the House of Representatives.

A RESOLUTION ON ILLITERACY IN THE UNITED STATES

Adopted by the Council of the American Association for the

Advancement of Science, January 2, 1925

WHEREAS, Recent investigations by the Illiteracy Commission of the National Education Association and investigations by other organizations disclose an alarming amount of illiteracy in the United States;

WHEREAS, No adequate provision is made by the Federal Government that foreign-born persons should read and write English understandingly as a qualification for citizenship; and

WHEREAS, Such a condition is incompatible with the spirit of our democratic institutions; therefore be it

RESOLVED, That the American Association for the Advancement of Science approves the principle of an amendment to the United States Naturalization Law, which will require proof of ability to read and write English understandingly as a qualification for citizenship, and also that the Association recommends to the states that such proof be required as a qualification for voting.

#### A RESOLUTION ON CALENDAR REFORM

Adopted by the Council of the American Association for the Advancement of Science, January 2, 1925

RESOLVED, That the American Association for the Advancement of Science approves of any alteration in the calendar that would adjust it to modern conditions for scientific work and that the association would welcome in this connection cooperation with other bodies such as the committees of the League of Nations that are concerned with this subject.

### FINANCIAL REPORTS

The annual report of the treasurer's office for the fiscal year 1924 (October 1, 1923, to September 30, 1924) is presented below. The total endowment of the association is shown to have been, on September 30 last, \$133,245.95. Life membership fees, which are always added to the permanent endowment, amounted to \$2,300 for the last fiscal year. For the next to the last fiscal year they amounted to \$2,700. (For the first part of the current year, to January 13, 1925, they already amount to \$3,100.)

Disbursements for individual grants for research, from appropriable funds in the treasury, amounted to \$3,375 in 1924. (The sum of \$3,000 has been appropriated for individual grants for 1925.)

The financial report of the permanent secretary's office for the fiscal year ending September 30, 1924, is also presented below. On last October 1 the generally available funds in the permanent secretary's hands amounted to \$6,661.71, of which \$3,500 was set aside for the publication of the next Proceedings

volume. On October 1, 1923, the generally available funds amounted to \$8,954.93, of which \$2,500 was in the publication fund. The expenses of circulation for new members amounted to \$5,317.77 in 1923-24, about 55,052 invitations having been sent to prospective members. (1,959 new members were received during the fiscal year.)

The total generally available receipts for the fiscal year recently closed were \$61,055.31, of which \$37,783.97 was paid to the publishers for the association's journals. The permanent secretary's office therefore had currently available about \$22,000, which was disposed about as follows: \$3,000 to divisions, local branch and affiliated academies, \$5,000 for circularization, \$2,000 for meetings, \$2,000 for travel and section expenses, \$1,000 to publication reserve, \$9,000 for salaries, and the balance for miscellaneous expenses. These statements in round numbers may serve to illustrate approximately the way in which the current income from membership dues and entrance fees was distributed as current disbursements.

# Report of the Treasurer's Office for the fiscal year 1924

In compliance with Article III, Section 6, of the By-Laws, and by direction of the Council, the assistant treasurer has the honor to submit the following report, showing receipts and disbursements and disposition of funds and securities of the association for the year ending September 30, 1924. The total of cash receipts during the year is \$13,857. Included in the amount is a contribution of \$6,000 by a friend. Disbursements made in accordance with directions of the Council amount in the aggregate to \$26,335. These include \$20,000 invested in a mortgage for credit of the Endowment Fund of the association.

The total amount of the funds in the treasury, consisting of cash, cost value of securities, appraised value of securities received from the Colburn estate and mortgage is \$145,339.24. The details of receipts, disbursements and disposition of funds are shown in the following itemized statements.

(Signed) JOHN L. WIRT,

Assistant Treasurer.

Dated: October 15, 1924.

BALANCE SHEET, SEPTEMBER 30, 1924

Assets
Investments: \$107,814.77
Securities \$107,814.77
Mortgage, Washington, D. C.,
Real Estate 20,000.00
Cash awaiting investment 5,431.18

Current Assets:
Cash in Bank 12,093.29
\$145,339.24

$oldsymbol{Liabilities}$		Brought forward	3,375.00
Endowment Funds: General:		Grant (Executive Committee): Reinhard Dohrn, Director	500.00
W. Hudson Stephens		Subscriptions to Science, 380 Life Members at \$3	1,140.00
Richard T. Col- burn		3 Life Members from Jane M. Smith Fund	300.00
Friends of As-		American Association Prize:	
sociation 3,559.00 92,095.95		L. E. DicksonRental of Safe Deposit Box	1,000.00 20.00
Sustaining mem- bership fees 6,000.00		Investment: Mortgage	20,000.00
Life membership		Mortgage	20,000.00
fees	133,245.95	Cash in Bank:	26,335.00
	200,220.00	Endowment funds awaiting in-	
Current Liabilities:		vestment\$	
Newcomb Cleve- land, Research 300.00	•	Drawing account	12,093.29 17,524.47
Grants (Commit-			\$43,859.47
tee on Grants) Unallotted 1924			
Appropriation 825.00		AUDITOR'S REPOR	T
Unused balances, grants of pre-		I certify that I have audited	the accounts of the
vious years 229.02		assistant treasurer of the American	Association for the
Balance 1923 Ap-		Advancement of Science for the per	
propriation 825.00  Jane M. Smith		to September 30, 1924; that the se	
Fund 300.00		the investments of the association	
Prize Fund 5,025.00	7,504.02	and verified; and that the income duly accounted for. The financial st	
Unappropriated Fund	4,589.27	ing the report of the assistant treasurer are in accord	
	\$145,339.24	with the books of the association and	d correctly summarize
		the accounts thereof.	
CASH STATEMENT		(Signed) Ros	ERT B. SOSMAN,
(October 1, 1923, to September 30, 1	924)	D-4-1- D1- 0 1004	Auditor
(October 1, 1923, to September 30, 1	924)	Dated: December 2, 1924.	Auartor
Receipts	924)	,	
Receipts	924)	Financial Report of the Permaner	nt Secretary for the
Receipts 1923 Sept. 30 Balance from last report, September 30, 1923	\$30,002.47	Financial Report of the Permaner Fiscal Year 192	nt Secretary for the
Receipts  1923 Sept. 30 Balance from last report, September 30, 1923 Interest from securities\$ 4,601.75	\$30,002.47	Financial Report of the Permaner	nt Secretary for the
Receipts 1923 Sept. 30 Balance from last report, September 30, 1923	\$30,002.47	Financial Report of the Permaner Fiscal Year 192	nt Secretary for the
Receipts  1923 Sept. 30 Balance from last report, September 30, 1923 Interest from securities\$ Interest from mortgage Interest from bank balance ance 126.23	\$30,002.47	Financial Report of the Permaner Fiscal Year 192 (October 1, 1923, to September 1)	nt Secretary for the
Receipts   1923   Sept. 30   Balance from last report,   September 30, 1923   Interest from securities\$   4,601.75   100.00   Interest from mortgage   Interest from bank balance	\$30,002.47	Financial Report of the Permaner Fiscal Year 192  (October 1, 1923, to Septem)  Dr.  To balance from last account: Checking account	nt Secretary for the 34 ber 30, 1924)
Receipts   1923   Sept. 30   Balance from last report,   September 30, 1923   Interest from securities\$   4,601.75   Interest from mortgage   Interest from bank balance	\$30,002.47	Financial Report of the Permaner Fiscal Year 192  (October 1, 1923, to Septem)  Dr.  To balance from last account: Checking account Available reserves (Savings ac-	nt Secretary for the 34 ber 30, 1924)
Receipts   1923   Sept. 30   Balance from last report,   September 30, 1923   Interest from securities\$   4,601.75   100.00   126.23   126	\$30,002.47	Financial Report of the Permaner  Fiscal Year 192  (October 1, 1923, to Septem)  Dr.  To balance from last account: Checking account  Available reserves (Savings actount): Emergency fund\$6,273.98	nt Secretary for the 24 ber 30, 1924) 180.95
Receipts   1923   Sept. 30   Balance from last report,   September 30, 1923   Interest from securities\$   4,601.75   Interest from mortgage   Interest from bank balance	\$30,002.47 13,857.00	Financial Report of the Permaner  Fiscal Year 192  (October 1, 1923, to Septem)  Dr.  To balance from last account: Checking account  Available reserves (Savings action):	nt Secretary for the 34 ber 30, 1924)
Receipts   1923   Sept. 30   Balance from last report,   September 30, 1923   Interest from securities\$   4,601.75   100.00   126.23   126	\$30,002.47	Financial Report of the Permaner  Fiscal Year 192  (October 1, 1923, to Septem)  Dr.  To balance from last account: Checking account  Available reserves (Savings actount): Emergency fund\$6,273.98	nt Secretary for the 24 ber 30, 1924) 180.95
Receipts   1923   Sept. 30   Balance from last report,   September 30, 1923   Interest from securities\$   4,601.75   100.00   126.23   126	\$30,002.47 13,857.00	Financial Report of the Permaner  Fiscal Year 192  (October 1, 1923, to Septem)  Dr.  To balance from last account: Checking account  Available reserves (Savings actount): Emergency fund\$6,273.98 Publication fund	nt Secretary for the 24 ber 30, 1924)  180.95  8,773.98 \$ 8,954.93
Receipts  1923 Sept. 30 Balance from last report, September 30, 1923 Interest from securities\$ Interest from mortgage Interest from balance 23 Life Membership fees Contribution to Prize Fund Revertments, unused balances previous years 229.02	\$30,002.47 13,857.00	Financial Report of the Permaner  Fiscal Year 192  (October 1, 1923, to Septem)  Dr.  To balance from last account: Checking account  Available reserves (Savings actount): Emergency fund\$6,273.98 Publication fund 2,500.00  To receipts from members: Annual dues previous to 1923 Annual dues for 1923	nt Secretary for the 24 ber 30, 1924)  180.95  8,773.98 \$ 8,954.93  65.00 735.00
Receipts  1923 Sept. 30 Balance from last report, September 30, 1923 Interest from securities\$ Interest from mortgage Interest from bank balance	\$30,002.47 13,857.00	Financial Report of the Permaner  Fiscal Year 193  (October 1, 1923, to Septem)  Dr.  To balance from last account: Checking account  Available reserves (Savings actount): Emergency fund\$6,273.98 Publication fund2,500.00  To receipts from members: Annual dues previous to 1923	nt Secretary for the 24 ber 30, 1924)  180.95  8,773.98 \$ 8,954.93  65.00 735.00
Receipts  1923 Sept. 30 Balance from last report, September 30, 1923 Interest from securities\$ Interest from mortgage Interest from bank balance	\$30,002.47 13,857.00 \$43,859.47 \$200.00	Financial Report of the Permaner  Fiscal Year 193  (October 1, 1923, to Septem)  Dr.  To balance from last account: Checking account  Available reserves (Savings actount): Emergency fund	nt Secretary for the 24 ber 30, 1924)  180.95  8,773.98 \$ 8,954.93  65.00 735.00 58,509.76 580.55 1,115.00
Receipts  1923 Sept. 30 Balance from last report, September 30, 1923 Interest from securities\$ Interest from mortgage Interest from bank balance 23 Life Membership fees Contribution to Prize Fund Revertments, unused balances previous years  Disbursements  Newcomb Cleveland Research: W. D. Harkins	\$30,002.47 13,857.00 \$43,859.47 \$ 200.00	Financial Report of the Permaner  Fiscal Year 192  (October 1, 1923, to Septem)  Dr.  To balance from last account: Checking account	nt Secretary for the 24 ber 30, 1924)  180.95  8,773.98 \$ 8,954.93  65.00 735.00 58,509.76 580.55 1,115.00 2,300.00
Receipts   1923   Sept. 30   Balance from last report, September 30, 1923   Interest from securities\$   4,601.75   600.00   Interest from mortgage   Interest from bank balance	\$30,002.47 13,857.00 \$43,859.47 \$ 200.00	Financial Report of the Permaner  Fiscal Year 192  (October 1, 1923, to Septem)  Dr.  To balance from last account: Checking account  Available reserves (Savings actount): Emergency fund \$6,273.98 Publication fund 2,500.00  To receipts from members: Annual dues previous to 1923 Annual dues for 1923 Annual dues for 1924 Annual dues for 1925 Entrance fees Life-membership fees Associate fees	nt Secretary for the 24 ber 30, 1924)  180.95  8,773.98 \$ 8,954.93  65.00 735.00 58,509.76 580.55 1,115.00 2,300.00 50.00
Receipts   1923   Sept. 30   Balance from last report, September 30, 1923   Interest from securities\$   4,601.75   600.00   126.23   126.2	\$30,002.47 13,857.00 \$43,859.47 \$ 200.00	Financial Report of the Permaner  Fiscal Year 192  (October 1, 1923, to Septem)  Dr.  To balance from last account: Checking account  Available reserves (Savings actount): Emergency fund	nt Secretary for the 24 ber 30, 1924)  180.95  8,773.98 \$ 8,954.93  65.00 735.00 58,509.76 580.55 1,115.00 2,300.00 50.00 62.00
Receipts   1923   Sept. 30   Balance from last report, September 30, 1923   Interest from securities\$   4,601.75   600.00   Interest from mortgage   126.23   23 Life Membership fees   Contribution to Prize Fund	\$30,002.47 13,857.00 \$43,859.47 \$200.00	Financial Report of the Permaner  Fiscal Year 192  (October 1, 1923, to Septem)  Dr.  To balance from last account: Checking account  Available reserves (Savings actount): Emergency fund	nt Secretary for the 24 ber 30, 1924)  180.95  8,773.98 \$ 8,954.93  65.00 735.00 58,509.76 580.55 1,115.00 2,300.00 62.00
Receipts   1923   Sept. 30   Balance from last report, September 30, 1923   Interest from securities\$   4,601.75   600.00   Interest from mortgage   Interest from bank balance	\$30,002.47 13,857.00 \$43,859.47 \$ 200.00	Financial Report of the Permaner  Fiscal Year 192  (October 1, 1923, to Septem)  Dr.  To balance from last account: Checking account \$ Available reserves (Savings actount): Emergency fund \$6,273.98 Publication fund 2,500.00  To receipts from members: Annual dues previous to 1923 Annual dues for 1923 Annual dues for 1924 Annual dues for 1925 Entrance fees Life-membership fees Associate fees For North Carolina Academy For Ohio Academy  To other receipts:	nt Secretary for the 24 ber 30, 1924)  180.95  8,773.98 \$ 8,954.93  65.00 735.00 58,509.76 580.55 1,115.00 2,300.00 50.00 62.00 187.00 63,604.31
Receipts   1923   Sept. 30   Balance from last report, September 30, 1923   Interest from securities\$   4,601.75   600.00   Interest from mortgage   126.23   2,300.00   2,300.	\$30,002.47 13,857.00 \$43,859.47 \$ 200.00	Financial Report of the Permaner  Fiscal Year 192  (October 1, 1923, to Septem)  Dr.  To balance from last account: Checking account  Available reserves (Savings actount): Emergency fund	nt Secretary for the 24 ber 30, 1924)  180.95  8,773.98 \$ 8,954.93  65.00 735.00 58,509.76 580.55 1,115.00 2,300.00 62.00 187.00 63,604.31
Receipts   1923   Sept. 30   Balance from last report, September 30, 1923   Interest from securities\$   4,601.75   600.00   Interest from mortgage   Interest from bank balance	\$30,002.47 13,857.00 \$43,859.47 \$200.00	Financial Report of the Permaner  Fiscal Year 192  (October 1, 1923, to Septem)  Dr.  To balance from last account: Checking account  Available reserves (Savings actount): Emergency fund	nt Secretary for the 24 ber 30, 1924)  180.95  8,773.98 \$ 8,954.93  65.00 735.00 58,509.76 580.55 1,115.00 2,300.00 50.00 62.00 187.00 63,604.31  58.45 310.12
Receipts   1923   Sept. 30   Balance from last report,   September 30, 1923     1nterest from securities\$   4,601.75   1nterest from mortgage   1nterest from mortgage   126.23   23 Life Membership fees   Contribution to Prize   Fund   2,300.00   Revertments, unused balances previous years   229.02     2	\$30,002.47  13,857.00  \$43,859.47  \$ 200.00	Financial Report of the Permaner  Fiscal Year 192  (October 1, 1923, to Septem)  Dr.  To balance from last account: Checking account	nt Secretary for the 24 ber 30, 1924)  180.95  8,773.98 \$ 8,954.93  65.00 735.00 58,509.76 580.55 1,115.00 2,300.00 62.00 187.00 63,604.31
Receipts   1923   Sept. 30   Balance from last report,   September 30, 1923     Interest from securities\$   4,601.75   600.00   Interest from mortgage   Interest from bank balance   23 Life Membership fees   Contribution to Prize   Fund   6,000.00   Revertments, unused balances previous years   229.02	\$30,002.47 13,857.00 \$43,859.47 \$ 200.00	Financial Report of the Permaner  Fiscal Year 192  (October 1, 1923, to Septem)  Dr.  To balance from last account: Checking account  Available reserves (Savings actount): Emergency fund \$6,273.98 Publication fund 2,500.00  To receipts from members: Annual dues previous to 1923 Annual dues for 1923 Annual dues for 1924 Annual dues for 1925 Entrance fees Life-membership fees Associate fees For North Carolina Academy For Ohio Academy  To other receipts: Sales of publications Postage, overpayments, etc. Interest on bank account Miscellaneous receipts Contribution from Common-	nt Secretary for the 24 ber 30, 1924)  180.95  8,773.98 \$ 8,954.93  65.00 735.00 58,509.76 580.55 1,115.00 2,300.00 62.00 187.00 63,604.31  58.45 310.12 378.57 92.48
Receipts   1923   Sept. 30   Balance from last report, September 30, 1923   Interest from securities\$   4,601.75   600.00   Interest from mortgage   Interest from bank balance	\$30,002.47 13,857.00 \$43,859.47 \$ 200.00	Financial Report of the Permaner  Fiscal Year 192  (October 1, 1923, to Septem)  Dr.  To balance from last account: Checking account  Available reserves (Savings actount): Emergency fund	nt Secretary for the 24 ber 30, 1924)  180.95  8,773.98 \$ 8,954.93  65.00 735.00 58,509.76 580.55 1,115.00 2,300.00 62.00 187.00 63,604.31  58.45 310.12 378.57
Receipts   1923   Sept. 30   Balance from last report,   September 30, 1923     Interest from securities\$   4,601.75   600.00   Interest from mortgage   Interest from bank balance   23 Life Membership fees   Contribution to Prize   Fund   6,000.00   Revertments, unused balances previous years   229.02	\$30,002.47 13,857.00 \$43,859.47 \$ 200.00	Financial Report of the Permaner  Fiscal Year 192  (October 1, 1923, to Septem)  Dr.  To balance from last account: Checking account  Available reserves (Savings actount): Emergency fund \$6,273.98 Publication fund 2,500.00  To receipts from members: Annual dues previous to 1923 Annual dues for 1923 Annual dues for 1924 Annual dues for 1925 Entrance fees Life-membership fees Associate fees For North Carolina Academy For Ohio Academy  To other receipts: Sales of publications Postage, overpayments, etc. Interest on bank account Miscellaneous receipts Contribution from Common-	nt Secretary for the 24 ber 30, 1924)  180.95  8,773.98 \$ 8,954.93  65.00 735.00 58,509.76 580.55 1,115.00 2,300.00 62.00 187.00 63,604.31  58.45 310.12 378.57 92.48

Cr.		
By publications: Publishers of SCIENCE		\$37,783.97
By division, local branch and academy allowances:		<i>quiyidala</i>
Division allowances\$	1,581.00	
State College (Pa.) local branch allowances	30.50	
Academy allowances	1,467.00	3,078.50
By expenses, General Secretary's	***************************************	
Office		221.94
Salaries	8,854.63	
Office and addressograph supplies	241.00	
Printing and stationery Telegraph and telephone	1,548.01 $142.53$	
Postage (correspondence and	050.00	
billing) Exchange	$859.90 \\ 8.62$	
Express, freight and drayage Notary fees	56.03	
Notary fees Miscellaneous	$1.50 \\ 340.70$	12,052.92
By miscellaneous expenditures:		5,317.77
Refunds of overpayments	32.50	
Life-membership fees (to Treas- ury)	2,300.00	
Contribution to American Insti-	,	
tute of Sacred Literature	60.00	
Contribution to International Annual Tables of Physical,		
Chemical and Technological	900.00	
DataAnnual meetings:	200.00	
Third Cincinnati meeting:		
General expenses\$ 426.87 Preliminary an-		
nouncement 1,766.76		
Fifth Washington meeting 28.32	2,221.95	
meeting	2,221.00	
Toronto meeting of B. A. A. S.	397.68	
Travel expenses	1,816.39 $543.51$	
Summarized Proceedings, 1925	26.00	
Purchase of 1921 volume of Summarized Proceedings (11		
copies)	22.00	
North Carolina Academy dues (collected for Academy)	62.00	
Ohio Academy dues (collected	02.00	
for Academy)	186.00	
Entrance fees paid to Academies	140.00	
Framing pictures of past presi-	190.70	
Exhibiting H. W. Butler paint-	139.70	
ing of Solar Eclipse (Los An-	<b>70.0</b> 0	
geles meeting) Repairing graphotype	$78.00 \\ 51.32$	
Bad check	5.00	8,282.05
<del>-</del>		\$66,737.15
By new balance:	MH 1 0 1	•
Checking account  Available reserves (Savings	714.84	
account):		
Emergency fund \$2,446.87		
Publication fund 3,500.00	5,946.87	
Commonwealth Fund contribu-		
tion for study of place of	1 000 00	F 001 F1
science in education	1,000.00	7,661.71
_	-	\$74,398.86

#### AUDITOR'S REPORT

Having been appointed auditor for the association for the year 1924, I have employed Mr. W. R. Gallaher, an accountant at the Interstate Commerce Commission, to go over the accounts of the Permanent Secretary for the year ending 1924. He makes the following report, dated December 4, 1924:

This is to certify that I have carefully examined the receipts and disbursements in currency, checks, etc., of the Permanent Secretary's office of the American Association for the Advancement of Science for the twelve months period ending September 30, 1924, and have found the records correctly kept. Proper vouchers were shown for all disbursements.

(Signed) W. R. GALLAHER, Examiner of Accounts

I have reason to believe that Mr. Gallaher is an experienced and reliable accountant and that the above statement is a dependable report on the state of the accounts which were audited.

(Signed) ROBERT B. SOSMAN,

Auditor

Dated: December 11, 1924.

#### OFFICERS ELECTED AT WASHINGTON

At the Fifth Washington meeting the following officers were elected:

#### PRESIDENT

M. I. Pupin, professor of electro-mechanics, Columbia University, New York, N. Y.

## VICE-PRESIDENTS

Section A (Mathematics), W. A. Roever, professor of mathematics, Washington University, St. Louis, Mo.

Section B (Physics), H. M. Randall, professor of physics, University of Michigan, Ann Arbor, Mich.

Section C (Chemistry), H. B. Cady, professor of chemistry, University of Kansas, Lawrence, Kansas.

Section D (Astronomy), A. E. Douglass, professor of astronomy, University of Arizona, Tucson, Ariz.

Section E (Geology and Geography), R. A. Daly, professor of geology, Harvard University, Cambridge, Mass. Section F (Zoological Sciences), H. S. Jennings, professor of zoology, Johns Hopkins University, Baltimore, Maryland.

Section G (Botanical Sciences), R. B. Wylie, professor of botany, State University of Iowa, Iowa City, Iowa.

Section H (Anthropology), Chas. B. Davenport, director of the Station for Experimental Evolution, Carnegie Institution of Washington, Cold Spring Harbor, N. V.

Section I (Psychology), C. E. Seashore, professor of esychology, State University of Iowa, Iowa City, Iowa. Section K (Social and Economic Sciences), F. R. Fairchild, professor of political economy, Yale University, New Haven, Conn.

Section L (Historical and Philological Sciences), W. A. Oldfather, professor of classics, University of Illinois, Urbana, Ill.

Section M (Engineering), F. G. Cottrell, director of the Fixed Nitrogen Laboratory, U. S. Department of Agriculture, Washington, D. C.