

erable period of years to guarantee editorial excellence; it will be recalled that such provision is basic in the proposal. These endeavors, with the active support of the National Research Council, are under way.

Finally, with American interest and cooperation assured, efforts will be made to secure international participation, without which no complete service can be rendered.

HERBERT OSBORN,

*Representing the American Association for the
Advancement of Science*

A. PARKER HITCHENS,
D. R. HOOKER,
C. A. KOFOID,
I. F. LEWIS,

*Representing the Union of American Biological
Societies*

E. D. BALL,
C. E. MCCLUNG,
J. R. SCHRAMM,
A. F. WOODS,

*Representing the Division of Biology and Agri-
culture of the National Research Council*

M. J. GREENMAN,

Member at Large.

AMERICAN ASSOCIATION FOR THE ADVANCEMENT OF SCIENCE PERMANENT SECRETARY'S ANNUAL REPORT

THE following paragraphs report on the most important matters that have had the attention of the permanent secretary's office during the year ending September 30, 1924.

PUBLICATIONS

Two special issues of SCIENCE (for January 25 and February 1, 1924) were devoted to brief reports of the last annual meeting, which was held in Cincinnati. A new edition of the booklet of information was published in the spring, and 25,000 copies of it have been sent to prospective members. A smaller booklet, on the organization of the association, was published and copies were sent to those interested in linguistic sciences.

Plans and arrangements have been completed for the preparation of the next volume of the Summarized Proceedings, which is to contain the new directory of members of the association. The volume is to be published next fall.

ORGANIZATION

Philological Sciences: The special committee on philological sciences (authorized at the last annual meeting) has been active throughout the year, and a program on linguistic sciences has been prepared for the fifth Washington meeting. The movement to organize these sciences in the association continues to arouse interest among philological workers.

Divisions and academies: The arrangements with the two divisions and with the local branch, as well as with the twelve affiliated academies of science, have been continued. The association has paid to these organizations the following amounts for the last four fiscal years:

	1921	1922	1923	1924
Pacific Division.....	\$1,007	\$1,126	\$1,133	\$1,339.00
Southwestern Division	131	149	224	242.00
Local Branch (State College, Pa.).....	—	27	29	30.50
Affiliated Academies.....	1,141	1,328	1,440	1,467.00
	\$2,279	\$2,630	\$2,826	\$3,078.50

It will be recalled that these payments are made as allowances to aid the work of these organizations. The divisions and the affiliated academies each receive one dollar a year for each of their members who pays dues in the association. The local branch receives similar allowances of fifty cents. Several academies of science have applied for affiliation, but no action has yet been taken on their applications, pending the decision of questions regarding the entire arrangement of affiliated academies. The finances of the association will not permit further considerable increase in the annual allowances to the affiliated academies unless the arrangement of affiliation may be made to result in more pronounced annual increases in association membership. It will be remembered that the current expenses of the association must be met from the annual dues contributed by members and that the portion of these contributions that is available for this use after purchasing the journal subscription is \$2 for each member in good standing. In the case of division and affiliated academy members half of the two-dollar balance is paid to the division or academy, leaving only \$1 for the account of current association expenses. In most instances the academies credit the dollar allowances received from the association to annual academy dues of their members, and the association allowance is consequently received by the academy in lieu of an equal fund that would otherwise be received by the academy from its association members if they were to pay academy dues. The academy allowance for

the fiscal year just ended ranges in amount from \$302 to \$13 and the number of new association members received through the academies during that year ranges from 12 to 1. During the last four years the association has paid to the affiliated academies in allowances \$5,277 and it has received 285 new members through academy activities during that period. Association entrance fees received from new members joining through affiliated academies are turned over to the academies. This whole question of academy affiliation clearly requires serious attention and it is hoped that some modifications in the arrangements may be decided upon which will retain all the present mutual advantages and will permit the association to bear its share of the cost of the excellent work that is being carried forward by the academies of science.

Fellowship in the association: The problem regarding the qualifications necessary for election to fellowship in the association has received the attention of two successive committees during the fiscal year just ended, as well as being considered by the executive committee. Because the wording of the by-laws is somewhat vague in this respect the section committees have experienced some difficulty in caring for recommendations for election to fellowship and they have asked that fellowship qualifications be more clearly defined. This problem is an important one in the organization of the association, and a feasible solution should be worked out in the near future. The by-laws state that all members who are professionally engaged in scientific work shall be considered eligible to fellowship and that other members shall be so eligible if they have advanced science by research. The primary difficulty arose in attempting to interpret the phrase regarding professional engagement. For ready reference, Article II, Section 4, of the By-Laws and Rules of Procedure of the association, is here reproduced.

All members who are professionally engaged in scientific work, or who have advanced science by research, may be elected by the council to be fellows on nomination or on their own application. This qualification is understood to have been met by members of affiliated societies having a research qualification.

AFFILIATION OF SOCIETIES WITH THE ASSOCIATION

The following named organizations have become affiliated with the association during the fiscal year just ended:

American Electrochemical Society (affiliated with Section C), two representatives in A. A. A. S. council.

American Ceramic Society (affiliated with Section M), one representative in A. A. A. S. council.

There are now eighty-one associated organizations, of which forty-five are affiliated.

MEMBERSHIP

The membership of the association has increased remarkably during the fiscal year here considered. The number of members in good standing increased from 10,787 (September 30, 1923) to 12,130 (September 30, 1924), while the total number of names on the roll increased correspondingly from 11,704 to 12,887. This gratifying feature of our work is probably partly due to the remission of entrance fees during 1924 to all new members who were already members of some affiliated society. It is doubtless largely due, also, to a thorough circularization of all members of affiliated societies who were not already association members. Letters of invitation were sent to 65,725 persons. Details concerning membership are shown in the accompanying table.

Membership in the Association,
September 30, 1923, to September 30, 1924.

	Sept. 30, 1923	Sept. 30, 1924	Increase(+) or Decrease(—)
Sustaining members	3	3	
Life members.....	373	383	(+) 10
Annual members, paid-up	10,411	11,744	(+) 1,333
Total in good standing	10,787	12,130	(+) 1,343
Members in arrears for 2 years	407	326	(—) 81
Members in arrears for 1 year	510	431	(—) 79
Total enrollment.....	11,704	12,887	(+) 1,183
Gain in membership, October 1, 1923, to September 30, 1924:			
Reinstatements			15
New members (3 Life, 1,956 Annual).....			1,959
Total gain			1,974
Loss in membership, October 1, 1923, to September 30, 1924:			
Dropped for non-payment of dues			407
Resignations			263
Deaths			121
Total loss			791
Net gain, October 1, 1923, to September 30, 1924.....			1,783
Transfers from annual membership to life membership			20

The growth of the association, as regards membership, since September 30, 1920, is shown by years in the following tabulation.

Growth in Membership

	Sept. 30, 1920	Sept. 30, 1921	Sept. 30, 1922	Sept. 30, 1923	Sept. 30, 1924
Members in good standing:					
Actual no.	10,002	10,160	10,566	10,787	12,130
Percentage of total enrollment...	87.42	87.99	90.73	92.17	94.13
Percentage increase during preceding year	—	1.58	4.00	2.10	12.45
Total enrollment:					
Actual no.	11,442	11,547	11,646	11,704	12,887 ¹
Percentage increase during preceding year	—	0.92	0.86	0.50	10.11

It is specially interesting to note that the number of members in good standing at the end of the fiscal year represented only 87 per cent. of the total enrollment on September 30, 1920, while it represented 94 per cent. on September 30, 1924.

FINANCIAL AFFAIRS

The permanent secretary's financial report for the fiscal year 1923-24 will be published in *SCIENCE* after presentation to the council at the approaching Washington meeting. The total disbursements for the year amounted to \$66,737.15 and left an available balance of \$3,161.17 on September 30 last. Besides this there are, as liabilities, (1) the fund for the study of the place of science in education (received from the Commonwealth Fund, of New York) and (2) the publication fund. The publication fund will be used in 1925 for the publication of the new volume of Summarized Proceedings.

The same anonymous donor who made possible the \$1,000 Cincinnati prize has placed in the hands of the association the sum of \$5,000, to be used for five similar prizes, one each year for five years. This fund is in the treasurer's hands.

COOPERATION WITH THE BRITISH ASSOCIATION FOR THE ADVANCEMENT OF SCIENCE

No summer meeting of the association was held in 1924. Instead of holding the meeting that had been contemplated it was decided to accept a cordial

¹ The total enrollment has continued to increase; it was about 13,050 on November 1, 1924.

invitation from the British Association inviting all members of the American Association to attend the annual meeting held in Toronto from August 6 to 13. The permanent secretary's office was supplied with copies of the preliminary program of the Toronto meeting, and a copy was mailed to each member of the American Association about June 17. The apparatus for the visible directory, used at our recent annual meetings for maintaining a readily consulted list of those in attendance, was loaned to the local committee at Toronto and was employed at the Toronto meeting. A large number of our members were in attendance. At the close of that meeting the British Association passed a vote of thanks to the American Association for its cooperation, as well as one to the local committee at Toronto. The resolution expressing appreciation of the cooperation of the American Association reads as follows:

Resolved, that the best thanks of the British Association be accorded to the American Association for the Advancement of Science for their cordial and effective cooperation.

PREPARATIONS FOR THE FIFTH WASHINGTON MEETING

Preparations for the fifth Washington meeting are well advanced. The local committees are showing great interest and efficiency. Two evening sessions for Monday and Tuesday have been arranged. The first is the opening session and the second is for the Sigma Xi lecture by Dr. Frederick Fuller Russell. Thirty-nine societies are planning to meet with the association at Washington.

All members residing in Washington and vicinity have been asked to make financial contributions of \$5 or more toward the extra expenses of the meeting.

The names of members of the local committees and of the section representatives for the meeting have been published in *SCIENCE*, for August 29, 1924.

BURTON E. LIVINGSTON,
Permanent Secretary

WILLIAM A. LOCY—1857-1924

On the ninth of October, 1924, American scholarship lost one of its most genial spirits by the unexpected death of Professor William A. Locy, who, for more than a quarter century, had filled the chair of zoology in Northwestern University.

William Albert Locy was born, of Dutch ancestry, at Troy, Michigan, on the 14th of September, 1857. The family had emigrated from Holland in 1651, settled in Dutchess county, New York, and later removed to the west. Graduating from the University