

of science and its methods of thought into the lives of the people.

THE SECRETARIES' CONFERENCE

(Report by Francis D. Murnaghan)

The members of the executive committee of the association council and the secretaries of the various sections of the association assembled for a conference at the Cosmos Club on Sunday evening, December 28th. They dined together at 6:30 and many aspects of the affairs of the association were informally discussed during and after the dinner. In particular, the question of fellowship was considered in some detail and it is felt that the discussion provoked will be of great help to the section secretaries in passing upon fellowship nominations. These conferences, which have been held at recent annual meetings of the association, are proving to be very helpful and stimulating. With the continual growth of the association's activities close cooperation among the section secretaries and the members of the executive committee is becoming increasingly necessary. Gatherings of this kind help greatly in furthering this kind of cooperation.

GENERAL OFFICERS FOR THE WASHINGTON MEETING

President

J. McKeen Cattell, Garrison-on-Hudson, N. Y.

Retiring President

Charles D. Walcott, Smithsonian Institution, Washington, D. C.

Permanent Secretary

Burton E. Livingston, Johns Hopkins University, Baltimore, Md. (Association mail address: Smithsonian Institution Building, Washington, D. C.)

General Secretary

D. T. MacDougal, Desert Laboratory, Tucson, Arizona.

Treasurer

R. S. Woodward, *deceased*.

Assistant Secretary

Francis D. Murnaghan, Johns Hopkins University, Baltimore, Md.

Assistant Treasurer

John L. Wirt, Carnegie Institution of Washington, Washington, D. C.

Secretary of the Council

Sam F. Trelease, University of Louisville, Louisville, Kentucky.

Executive Assistant

Sam Woodley, Smithsonian Institution Building, Washington, D. C.

Auditor

R. B. Sosman, Geophysical Laboratory, Washington, D. C.

Members of the Executive Committee

(Parenthesis indicates year at end of which member's term expires.)

Simon Flexner (1925), *Chairman*; Rockefeller Institute for Medical Research, New York, N. Y.

J. McKeen Cattell (1924), *President of the Association*; Garrison-on-Hudson, N. Y.

D. T. MacDougal (1924), *General Secretary of the Association*; Desert Laboratory, Tucson, Ariz.

Burton E. Livingston (1924), *Permanent Secretary of the Association*; Johns Hopkins University, Baltimore, Maryland.

H. L. Fairchild (1927); University of Rochester, Rochester, N. Y.

L. O. Howard (1924); Bureau of Entomology, U. S. Department of Agriculture, Washington, D. C.

W. J. Humphreys (1925); U. S. Weather Bureau, Washington, D. C.

G. A. Miller (1924); University of Illinois, Urbana, Ill.

W. A. Noyes (1927); University of Illinois, Urbana, Ill.

Herbert Osborn (1924); Ohio State University, Columbus, Ohio.

Henry B. Ward (1926); University of Illinois, Urbana, Ill.

THE COUNCIL ROLL AT WASHINGTON

The affairs of the association are wholly in the charge of the council, which consists of the president, the vice-presidents, the treasurer, the secretaries, the council representatives of the affiliated societies and academies and eight members elected by the council itself. The list of council members for the seventy-ninth meeting is shown below, arranged alphabetically. Each member's name is followed by an italic phrase, showing his status in the council. Past presidents and the presidents of the divisions and local branch are officially invited to attend council sessions. Members of the executive committee who are not otherwise council members are *ex-officio* members. The attendance at the five Washington sessions is shown by the numerals that precede the members' names, the five numerals corresponding to the five sessions, respectively, on Monday, Tuesday, Wednesday, Thursday and Friday, December 29 to January 2. Thus, the numerals 2 and 3 before a name indicate that the member whose name is so marked was present at the Tuesday and Wednesday sessions but was absent from the other sessions.

Every council member receives an official notice calling his attention to his responsibility, just before each annual meeting, with the urgent request that he attend the council sessions and take part in the direc-

tion of the affairs of the association. It is to be deplored that not more of the members seem to realize the importance of their responsibilities to the cause for which the association stands, that not more of them make it a point to attend the council sessions.

The council holds sessions only at the annual meetings of the association and the attendance at these sessions should be as full as possible. The question may be asked whether those who absent themselves without arranging for substitutes are wholly fair to those who attend and to their constituents.

MEMBERS AND INVITED GUESTS OF THE COUNCIL FOR THE
FIFTH WASHINGTON MEETING, WITH NOTES AS TO
THEIR STATUS AND RECORDS OF THEIR
ATTENDANCE

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|---------------|---|--|--|
| 1, 2, 4 | Adams, C. C., <i>Rep. Ecol. Soc. Amer.</i> | | |
| 1, 2, 3 | Alexander, William, <i>Rep. Ohio Acad.</i> | | |
| 4, 5 | Anderson, E. N., <i>Rep. Nebraska Acad.</i> | | |
| | Baekeland, L. H., <i>Rep. Amer. Chem. Soc.</i> | | |
| | Baker, O. E., <i>Rep. Assoc. Amer. Geographers.</i> | | |
| | Baker, Thos. S., <i>Vice-President for Section K.</i> | | |
| 3 | Barr, A. S., <i>Secretary of Section Q.</i> | | |
| 1 | Bear, F. E., <i>Rep. Amer. Soc. Agron.</i> | | |
| | Berkey, C. P., <i>Rep. Geol. Soc. Amer.</i> | | |
| | Bingham, W. V., <i>Rep. Amer. Psychol. Assoc.</i> | | |
| 1 | Bixby, W. H., <i>Rep. Amer. Soc. Civil Engineers.</i> | | |
| | Boas, Franz, <i>Rep. Amer. Anthropol. Assoc.</i> | | |
| | Bowman, Isaiah, <i>Rep. Amer. Geographical Soc. of New York.</i> | | |
| 1, 2, 3, 4 | Brasch, F. E., <i>Secretary of Section L.</i> | | |
| 1, 3 | Breed, R. S., <i>Rep. Soc. Amer. Bacteriologists.</i> | | |
| 1, 2, 3 | Brown, P. E., <i>Secretary of Section O.</i> | | |
| | Buchner, E. F., <i>Rep. National Soc. College Teachers of Education.</i> | | |
| 1, 2, 3, 5 | Cairns, W. D., <i>Rep. Math. Assoc. Amer.</i> | | |
| | Call, L. E., <i>Rep. Amer. Soc. Agron.</i> | | |
| 1 | Calver, Homer N., <i>Rep. Amer. Publ. Health Assoc.</i> | | |
| 1, 2, 3, 4 | Calvert, P. P., <i>Rep. Entomol. Soc. Amer.</i> | | |
| | Campbell, W. W., <i>Past President (1915).</i> | | |
| | Case, E. C., <i>Rep. Michigan Acad.</i> | | |
| 1, 2, 3, 4, 5 | Cattell, J. McK., <i>Elected Member and President of the Association.</i> | | |
| | Chamberlin, T. C., <i>Past President (1908).</i> | | |
| 1 | Clark, W. M., <i>Rep. Soc. Amer. Bacteriologists.</i> | | |
| 1, 2, 5 | Clinton, G. P., <i>Rep. Amer. Phytopathol. Soc.</i> | | |
| | Close, C. P., <i>Rep. Amer. Soc. Horticultural Science.</i> | | |
| 1, 3 | Coker, R. E., <i>Rep. Amer. Soc. Zool.</i> | | |
| 1 | Colby, C. C., <i>Rep. Assoc. Amer. Geographers.</i> | | |
| 1 | Collins, G. N., <i>Rep. Amer. Genetic Assoc.</i> | | |
| | Compton, K. T., <i>Rep. Optical Soc. Amer. and Vice-President for Section B.</i> | | |
| 1, 4, 5 | Cottrell, F. G., <i>Elected Member and Vice-President for Section C.</i> | | |
| | Coulter, J. M., <i>Rep. Amer. Assoc. Univ. Professors and Past President (1918).</i> | | |
| 1, 2, 5 | Cowles, H. C., <i>Elected Member.</i> | | |
| 2, 3, 5 | Crittenden, E. C., <i>Rep. Illuminating Engineering Soc.</i> | | |
| 1, 2, 3 | Dellinger, O. P., <i>Rep. Kansas Acad.</i> | | |
| 3, 4 | Dodge, Homer L., <i>Rep. Oklahoma Acad.</i> | | |
| | Dublin, L. L., <i>Rep. Amer. Public Health Assoc.</i> | | |
| 2, 3 | Duggar, B. M., <i>Rep. Bot. Soc. Amer.</i> | | |
| | Eliot, C. W., <i>Past President (1914).</i> | | |
| 2 | Ellery, Edward, <i>Rep. Sigma Xi.</i> | | |
| | Fairchild, H. L., <i>Elected Member.</i> | | |
| | Fields, J. C., <i>Vice-President for Section A.</i> | | |
| | Fisher, Irving, <i>Rep. Eugenics Res. Assoc.</i> | | |
| | Flexner, Simon, <i>Exec. Comm. Member and Past President (1919).</i> | | |
| 1, 4 | Focke, T. M., <i>Rep. Math. Assoc. Amer.</i> | | |
| 1, 4 | Freeman, F. N., <i>Secretary of Section I.</i> | | |
| 1 | Gage, Simon H., <i>Rep. Amer. Assoc. Anatomists.</i> | | |
| | Gerould, John H., <i>Rep. Amer. Soc. Nat.</i> | | |
| | Gibson, Arthur, <i>Rep. Canadian Soc. Tech. Agriculturists.</i> | | |
| 2, 3, 4 | Goldfarb, A. J., <i>Secretary of Section N.</i> | | |
| 5 | Grave, Caswell, <i>Rep. Amer. Soc. Zool.</i> | | |
| | Grunsky, C. E., <i>President of Pacific Division.</i> | | |
| 1 | Hancock, Harris, <i>Rep. Amer. Assoc. Univ. Professors.</i> | | |
| | Harkins, W. D., <i>Secretary of Section C.</i> | | |
| | Harris, J. A., <i>Rep. Amer. Soc. Nat.</i> | | |
| 5 | Headlee, T. J., <i>Rep. Amer. Assoc. Economic Entomologists.</i> | | |
| | Hedrick, W. A., <i>Rep. Amer. Fed. Teachers of Math. and Nat. Sci.</i> | | |
| 1 | Hodgkins, H. L., <i>Rep. Amer. Math. Soc.</i> | | |
| 3, 4 | Hoffman, F. L., <i>Secretary of Section K.</i> | | |
| | Hollis, Ira N., <i>Rep. Amer. Soc. Mech. Engineers.</i> | | |
| | Hooton, E. A., <i>Vice-President for Section H.</i> | | |
| 1, 2, 3, 4, 5 | Howard, L. O., <i>Rep. Amer. Assoc. Economic Entomol. and Past President (1920).</i> | | |
| | Humphreys, A. C., <i>Rep. Amer. Soc. Mech. Engineers.</i> | | |
| 1, 2, 3, 4, 5 | Humphreys, W. J., <i>Rep. Amer. Meteorol. Soc.</i> | | |
| 1, 2, 3 | Jackson, H. H. T., <i>Rep. Amer. Soc. Mammalogists.</i> | | |
| 1 | Jensen, J. C., <i>Rep. Nebraska Acad.</i> | | |
| | Jones, A. J., <i>Rep. National Soc. College Teachers of Education.</i> | | |
| | Jones, E. Lester, <i>Rep. Amer. Soc. Civil Engineers.</i> | | |
| | Jones, L. B., <i>Vice-President for Section O.</i> | | |
| | Jordan, D. S., <i>Past President (1909).</i> | | |
| 1, 2 | Juday, Chancey, <i>Rep. Wisconsin Acad.</i> | | |
| | Judd, C. H., <i>Rep. National Soc. for Study of Education.</i> | | |
| 2, 3 | Karpinski, Louis C., <i>Vice-President for Section L.</i> | | |
| 2, 3, 4 | Kennelly, A. E., <i>Vice-President for Section M and Rep. Amer. Inst. Elec. Engineers.</i> | | |
| 1, 2, 3, 4, 5 | Knipp, C. T., <i>Rep. Illinois Acad.</i> | | |
| 1, 2, 3, 4, 5 | Kober, G. M., <i>Rep. Amer. Medical Assoc.</i> | | |
| | Landrum, R. D., <i>Rep. Amer. Ceramic Soc.</i> | | |
| | Laughlin, H. H., <i>Rep. Eugenics Res. Assoc.</i> | | |
| | Lidbury, F. A., <i>Rep. Amer. Electrochem. Soc.</i> | | |
| | Lindgren, Waldemar, <i>Rep. Amer. Inst. Mining and Metallurgical Engineers and Geol. Soc. Amer.</i> | | |
| 2, 4 | Linton, Edwin, <i>Vice-President for Section I'.</i> | | |
| 1 | Littell, F. B., <i>Rep. Amer. Astronom. Soc.</i> | | |
| 1, 2, 3, 4 | Livingston, B. E., <i>Permanent Secretary of the Association.</i> | | |
| | Lyman, G. R., <i>Vice-President for Section G.</i> | | |
| | MacCallum, W. A., <i>Vice-President for Section N.</i> | | |
| 1, 2, 4 | MacDougal, D. T., <i>General Secretary of the Association.</i> | | |
| | McFarland, D. F., <i>President State College Branch.</i> | | |
| | McMurrich, J. Playfair, <i>Rep. Amer. Assoc. Anatomists and Past President (1921).</i> | | |
| | Mendenhall, C. E., <i>Rep. Amer. Phys. Soc.</i> | | |
| 1 | Mendenhall, W. C., <i>Vice-President for Section E.</i> | | |
| 1, 5 | Merriam, J. C., <i>Elected Member.</i> | | |
| 1, 2 | Metcalf, Z. P., <i>Rep. North Carolina Acad.</i> | | |
| | Michelson, A. A., <i>Past President (1910).</i> | | |

- 2 Miller, Dayton C., *Rep. Amer. Phys. Soc.*
 Miller, G. A., *Elected Member.*
- 2, 5 Miller, Hugh, *Secretary of Section M.*
 Miller, John A., *Vice-President for Section D.*
 Miller, W. Lash, *Rep. Amer. Electrochem. Soc.*
- 1, 2, 3 Mitchell, S. A., *Rep. Amer. Astronom. Soc.*
- 1, 2, 3, 4 Moore, Barrington, *Rep. Soc. Amer. Foresters.*
 Moore, E. H., *Past President (1922).*
- 1, 3, 5 Moore, E. S., *Secretary of Section E.*
- 3, 4, 5 Morehouse, D. W., *Rep. Iowa Acad.*
 Morse, Edward S., *Past President (1886).*
 Moseley, H. W., *Rep. New Orleans Acad.*
- 3 Moulton, F. R., *Secretary of Section D.*
 Needham, J. G., *Rep. Entomol. Soc. Amer.*
 Nelson, E. W., *Rep. Amer. Soc. Mammalogists.*
 Nelson, N. C., *Rep. Amer. Anthropol. Assoc.*
- 1 Nice, L. B., *Rep. Oklahoma Acad.*
- 1 Nicholas, F. C., *Rep. Maryland Acad.*
 Nichols, E. L., *Past President (1907).*
- 1, 2 Noyes, W. A., *Exec. Comm. Member.*
 Oldfather, W. A., *Elected Member.*
- 1 Orton, W. A., *Rep. Amer. Phytopathol. Soc.*
- 1, 2, 3, 4, 5 Osborn, Herbert, *Exec. Comm. Member.*
- 1 Parsons, C. L., *Rep. Amer. Chem. Soc.*
 Pearson, C. A., *Rep. Ecol. Soc. Amer.*
- 4 Pechstein, L. A., *Vice-President for Section Q.*
 Peter, A. M., *Rep. Kentucky Acad.*
- 3, 4 Peterson, Alvah, *Rep. Gamma Alpha Frat.*
 Piersol, G. M., *Rep. Amer. Medical Assoc.*
 Prentiss, E. C., *President of Southwestern Division.*
 Rand, H. W., *Secretary of Section F.*
 Ransom, B. H., *Rep. Amer. Microscopical Soc.*
 Reid, H. F., *Rep. Seismol. Soc. Amer.*
 Remsen, Ira, *Past President (1902).*
 Richards, T. W., *Past President (1917).*
- 1 Richardson, R. G. D., *Rep. Amer. Math. Soc.*
- 2, 3, 4 Richtmyer, F. K., *Rep. Sigma Xi and Optical Soc. Amer.*
- 1 Rietz, H. L., *Rep. Gamma Alpha.*
- 1, 2, 3, 4, 5 Roever, W. H., *Secretary of Section A.*
 Sauveur, Albert, *Rep. Amer. Inst. of Mining and Metallurgical Engineers.*
 Schramm, J. R., *Rep. Bot. Soc. Amer.*
- 1, 2, 3 Senior, H. D., *Rep. Amer. Assoc. Anatomists.*
- 3 Sharp, Clayton H., *Rep. Illuminating Engineering Soc.*
- 5 Shull, Chas. A., *Rep. Amer. Soc. Plant Physiologists.*
 Stewart, G. W., *Elected Member.*
- 1, 2 Taylor, John B., *Rep. Amer. Inst. Elec. Engineers.*
- 3, 4, 5 Terry, R. J., *Secretary of Section H.*
 Townley, S. D., *Rep. Seismol. Soc. Amer.*
- 3 Walcott, C. D., *Past President (1923).*
- 1, 2, 3 Walker, Elda R., *Rep. Nebraska Acad.*
- 5 Ward, Henry B., *Exec. Comm. Member.*
 Warwick, C. L., *Rep. Amer. Soc. Testing Materials.*
 Welch, P. S., *Rep. Amer. Microscopical Soc.*
 Welch, W. H., *Past President (1906).*
 Whipple, G. M., *Rep. National Soc. for Study of Education.*
 Williams, S. R., *Secretary of Section B.*
 Wilson, Edmund B., *Past President (1913).*
- 3, 4 Winslow, C. E. A., *Rep. Amer. Public Health Assoc.*
 Woodworth, R. S., *Vice-President for Section I.*

- 1 Wright, Sewall, *Rep. Amer. Genetic Assoc.*
 3, 4 Wylie, R. B., *Secretary of Section G.*
 1 Yerkes, R. M., *Rep. Amer. Psychol. Assoc.*

LEGISLATIVE AND EXECUTIVE PROCEEDINGS AT WASHINGTON

The Executive Committee of the Council met at the Cosmos Club on Sunday afternoon, December 28, for the first session of the Fifth Washington Meeting. The second session occupied the forenoon of Monday, December 29, and a short session was held at the close of the council session on each of the four following days. All sessions excepting the first were held in the committee room (number 928) in the New Willard Hotel. The Council held its first session in the ball room of the New Willard Hotel on the afternoon of Monday, December 29, and it held sessions from 9 to 9:45 on the mornings of Tuesday, Wednesday, Thursday and Friday. No business was transacted at any of the general sessions of this meeting. The following paragraphs summarize the proceedings.

(1) Minutes of earlier meetings of the Council and Executive Committee were approved.

(2) The audited report of the treasurer's office for the fiscal year 1923-24 was accepted and ordered to be printed in *SCIENCE*.

(3) The audited financial report of the permanent secretary's office for the fiscal year 1923-24 was accepted and ordered printed in *SCIENCE*.

(4) The permanent secretary's budget for 1924-25 was approved.

(5) The following three members were elected to emeritus life membership under the provisions of the *Jane M. Smith Fund*: Ira Remsen, Johns Hopkins University; E. S. Dana, 24 Hillhouse Ave., New Haven, Conn.; H. C. Yarrow, 814 17th St., N. W., Washington, D. C.

(6) The following resolution was adopted concerning the interpretation of the by-laws on fellowship: Resolved, that the phrase "professionally engaged in scientific work" (By-laws, Article II, Section 4) is interpreted to include members who have contributed to the advancement of science, usually by the publication of scientific research or in other significant manner, such as teaching or directing research in an institution of repute.

(7) The Council appropriated the sum of three thousand dollars for grants for research in 1925, to be allotted by the Committee on Grants and disbursed from the available funds of the treasurer's office.

(8) The Council appropriated the sum of five hundred dollars as a temporary aid to the Union of American Biological Societies in its project for *Biological Abstracts*, to be disbursed from the available funds of the treasurer's office.

(9) It was voted that the committee on the award of the second American Association prize be constituted of residents of Washington, with Dr. E. W. Washburn as chairman, it having become clear that the award could