

feel dissatisfied that it is not more complete in scope.

RICHARD E. DODGE

TEACHERS COLLEGE,  
COLUMBIA UNIVERSITY

# THE CONVOCATION WEEK MEETINGS OF SCIENTIFIC SOCIETIES

THE American Association for the Advancement of Science and the national scientific societies named below will meet at Washington, D. C., during convocation week, beginning on December 27, 1911.

*American Association for the Advancement of Science.*—President, Professor Charles E. Bessey, University of Nebraska; retiring president, Professor A. A. Michelson, University of Chicago; permanent secretary, Dr. L. O. Howard, Smithsonian Institution, Washington, D. C.

*Section A—Mathematics and Astronomy.*—Vice-president, Professor Edwin B. Frost, Yerkes Observatory; secretary, Professor George A. Miller, University of Illinois, Urbana, Ill.

*Section B—Physics.*—Vice-president, Professor Robert A. Millikan, University of Chicago; secretary, Professor A. D. Cole, Ohio State University, Columbus, Ohio.

*Section C—Chemistry.*—Vice-president, Frank K. Cameron, U. S. Department of Agriculture; secretary, Professor C. H. Herty, University of North Carolina, Chapel Hill, N. C.

*Section D—Mechanical Science and Engineering.*—Vice-president, President Chas. S. Howe, Case School of Applied Science; secretary, G. W. Bissell, Michigan Agricultural College, East Lansing, Mich.

*Section E—Geology and Geography.*—Vice-president, Professor Bohumil Shimek, State University of Iowa; secretary, Dr. F. P. Gulliver, Norwich, Conn.

*Section F—Zoology.*—Vice-president, Professor Henry F. Nachtrieb, University of Michigan; secretary, Professor Maurice A. Bigelow, Teachers College, Columbia University, New York City.

*Section G—Botany.*—Vice-president, Professor Frederick C. Newcombe, University of Michigan; secretary, Professor Henry G. Cowles, University of Chicago, Chicago, Ill.

*Section H—Anthropology and Psychology.*—Vice-president, Professor George T. Ladd, Yale University; secretary, Professor George Grant MacCurdy, Yale University, New Haven, Conn.

*Section K—Physiology and Experimental Medicine.*—Vice-president, Professor William T. Porter, Harvard Medical School; secretary, Professor George T. Kemp, 8 West 25th St., Baltimore, Md.

*Section I—Social and Economic Science.*—Vice-president, Professor J. Pease Norton, Yale University; secretary, Seymour C. Loomis, 69 Church St., New Haven, Conn.

*Section L—Education.*—Vice-president, Professor Edward L. Thorndike, Teachers College, Columbia University; secretary, Professor C. Riborg Mann, University of Chicago, Chicago, Ill.

*The Astronomical and Astrophysical Society of America.*—December 27–29. President, Professor E. C. Pickering, Harvard College Observatory; secretary, Professor W. J. Hussey, University of Michigan, Ann Arbor, Mich.

*The American Federation of Teachers of the Mathematical and the Natural Sciences.*—December 27–28. President, Professor C. R. Mann, University of Chicago; secretary, Eugene Randolph Smith, Polytechnic Preparatory School, Brooklyn, N. Y.

*The American Chemical Society.*—December 27–30. President, Professor Alexander Smith, Columbia University; secretary, Professor Charles L. Parsons, Durham, N. H.

*The American Society of Biological Chemists.*—(Baltimore and Washington.) December 27–29. President, Professor Lafayette B. Mendel, Yale University; secretary, Professor A. N. Richards, University of Pennsylvania, Philadelphia, Pa.

*The Society of American Bacteriologists.*—December 27–29. President, Professor F. P. Gorham, Brown University; secretary, Charles E. Marshall, East Lansing, Mich.

*The American Physiological Society.*—(Baltimore and Washington.) December 26–29. President, Dr. S. J. Meltzer, Rockefeller Institute for Medical Research, New York City; secretary, Professor A. J. Carlson, University of Chicago, Chicago, Ill.

*The Geological Society of America.*—December 27–29. President, Professor William Morris Davis, Harvard University; secretary, Dr. Edmund Otis Hovey, American Museum of Natural History, New York City.

*The Association of American Geographers.*—December 28–30. President, Professor Ralph S. Tarr, Cornell University; secretary, Professor Albert Perry Brigham, Hamilton, N. Y.

*The Paleontological Society.*—December 28–30.

President, Professor William B. Scott, Princeton University; secretary, Dr. R. S. Bassler, U. S. National Museum, Washington, D. C.

*The Entomological Society of America.*—December 26–27. President, Professor Herbert Osborn, Ohio State University; secretary, Professor Alexander D. MacGillivray, University of Illinois, Urbana, Ill.

*The American Association of Economic Entomologists.*—December 27–29. President, Professor F. L. Washburn, St. Anthony Park, Minn.; secretary, A. F. Burgess, Melrose Highlands, Mass.

*The American Microscopical Society.*—December 29. President, Dr. A. E. Hertzler, 402 Argyle Building, Kansas City, Mo.; secretary, T. W. Galloway, Decatur, Ill.

*The Botanical Society of America.*—December 26–29. President, Professor William G. Farlow, Harvard University; secretary, Dr. George T. Moore, Botanical Garden, St. Louis, Mo.

*The Society for Horticultural Science.*—December 29. President, Professor S. A. Beach, Ames, Ia.; secretary, C. P. Close, College Park, Md.

*The American Phytopathological Society.*—December 27–29. President, Professor A. D. Selby, Wooster, Ohio; secretary, Dr. C. L. Shear, Department of Agriculture, Washington, D. C.

*The American Nature-Study Society.*—December 27–28. President, Professor Benjamin M. Davis, Miami University; secretary, Dr. Elliot R. Downing, University of Chicago, Chicago, Ill.

*The Sullivant Moss Society.*—December 28. President, Dr. Alexander W. Evans, Yale University; secretary, Mrs. Annie Morrill Smith, 78 Orange Street, Brooklyn, N. Y.

*The American Fern Society.*—December 29. President, Dr. Philip Dowell, Port Richmond, N. Y.; secretary, L. S. Hopkins, Peabody High School, Pittsburgh, Pa.

*The American Anthropological Association.*—December 27–30. President, Dr. J. Walter Fewkes, Bureau of Ethnology; secretary, Professor George Grant MacCurdy, Yale University, New Haven, Conn.

*The American Folk-Lore Society.*—December 28. President, Professor Henry M. Belden, University of Missouri, Columbia, Mo.; secretary, Dr. Charles Peabody, Peabody Museum, Cambridge, Mass.

*The American Psychological Association.*—December 27–29. President, Professor Carl E. Seashore, University of Iowa; secretary, W. Van Dyke Bingham, Dartmouth College, Hanover, N. H.

*The Southern Society for Philosophy and Psychology.*—December 28–29. President Dr. S. I. Franz, Government Hospital for the Insane, Washington, D. C.; secretary, Professor R. M. Ogden, University of Tennessee, Knoxville, Tenn.

*The American Economic Association.*—December 27–30. President, Professor Henry W. Farnam, Yale University; secretary, Professor T. N. Carver, Harvard University, Cambridge, Mass.

*The American Statistical Association.*—December 27–30. President, Frederick L. Hoffman, Newark, N. J.; secretary, Carroll W. Doten, 491 Boylston Street, Boston, Mass.

*The American Sociological Society.*—December 27–30. President, Professor Franklin H. Giddings, Columbia University; secretary, Professor A. A. Tenney, Columbia University, New York City.

*The American Civic Alliance.*—December 29. President, Dr. John Franklin Crowell, 44 Broad St., New York City; secretary, Dr. Gerald van Casteel, 80 Wall St., New York City.

*The American Association for Labor Legislation.*—December 28–30. President, Professor Henry R. Seager, Columbia University; secretary, Dr. John B. Andrews, Metropolitan Tower, New York City.

*The American Home Economics Association.*—December 27–30. President, Miss Isabel Bevier, University of Illinois; secretary, Benjamin R. Andrews, Teachers College, Columbia University, New York City.

#### PRINCETON, N. J.

*The American Society of Naturalists.*—December 28. President, Professor H. S. Jennings, The Johns Hopkins University; secretary, Professor Charles R. Stockard, Cornell Medical School, New York City.

*The American Society of Zoologists.*—December 27–29. President, Professor H. V. Wilson, University of North Carolina; secretary, Dr. Raymond Pearl, Maine Agricultural Experiment Station, Orono, Me.

*The Association of American Anatomists.*—December 27–29. President, Professor George A. Piersol, University of Pennsylvania; secretary, Professor G. Carl Huber, 1330 Hill Street, Ann Arbor, Mich.

#### NEW YORK CITY

*The American Mathematical Society.*—December 27–28. President, Professor H. B. Fine, Princeton University; secretary, Professor F. N. Cole, 501 West 116th Street, New York City.