

endowment funds, as well as a reduction in income from endowments, contributions and memberships.

The budget adopted was very much reduced, and economies were put in force throughout the year, with the result that expenses were kept well below the appropriations, in spite of increased expense incurred through the necessity of handling record attendance during a period of several months. There were no expeditions except those financed by funds especially contributed for that purpose.

Notwithstanding forced economies, service to the public was maintained in full, and never before have so many persons been reached by the educational influences of this institution.

Visitors to the museum during the year numbered 3,269,390, an attendance exceeding that ever attained in a single year by any museum in the United States, and probably a high record for the entire world. The increase over 1932 attendance is 1,455,188, or 79 per cent. Extra-mural activities conducted by the museum benefited approximately 661,000 persons, mostly children, making a total of more than 3,930,000 for whom the institution functioned as a source of information. Of the 3,269,390 visitors to the museum, only 212,298, or 6½ per cent., paid admission. All the rest, numbering 3,057,092, either came on free days, or belonged to classifications such as children, teachers, students and museum members, who are granted free admissions on pay days. The highest attendance for any single day occurred on August 24, when there were 65,966 visitors.

Lecturers from the museum, sent to the schools by the James Nelson and Anna Louise Raymond Foundation for Public School and Children's Lectures, spoke before 160,750 children in their classrooms and assemblies, the talks being illustrated with stereopticon slides. Daily, throughout the school year, approximately 500,000 children had available for study in their schools (and also in various community centers and other institutions) the traveling natural history exhibits circulated by the N. W. Harris Public School Extension of Field Museum.

Mr. Simms reports a decrease in contributions compared with the benefactions received in recent years. The total of such gifts was \$47,320, received in various amounts to be devoted to specific uses.

The book contains detailed accounts of the installation of new exhibits, most important of which were the two new halls—Chauncey Keep Memorial Hall, containing the races of mankind bronzes by the sculptor Malvina Hoffman, and the Hall of the Stone Age of the Old World, containing group restorations of various types of prehistoric man. Other activities reported upon include the research and field work conducted by the four scientific departments—anthropology, botany, geology and zoology; accessions of exhibition and study material received from various sources; the year's progress in the museum library, and the work of all other divisions of the museum organization.

## CHARTER MEMBERS OF THE AMERICAN ACADEMY OF TROPICAL MEDICINE

THE following have been elected to charter-membership in The American Academy of Tropical Medicine by the Council of the Academy, in accordance with instructions given the council at the recent Conference on Tropical Diseases held in Washington, D. C., on February 5 and 6, under the auspices of the National Research Council:

Bailey K. Ashford, Geo. W. Bachman, M. A. Barber, Chas. C. Bass, M. F. Boyd, Chas. S. Butler, Geo. R. Callender, Roland C. Connor, Carroll E. Faust, Frederick P. Gay, Lewis W. Hackett, Maurice C. Hall, Henry Hanson, Robt. Hegner, Victor G. Heiser, Wm. M. James, Jas. W. Jobling, Chas. A. Kofoid, Robt. A. Lambert, Thos. T. Mackie, Wm. G. MacCallum, George W. McCoy, Karl F. Meyer, Frederick G. Novy, F. W. O'Connor, F. M. Root, Frederick F. Russell, Wilbur A. Sawyer, A. W. Sellards, Geo. C. Shattuck, Joseph F. Siler, M. H. Soule, C. W. Stiles, E. R. Stitt, James S. Simmons, Wm. H. Taliaferro, E. E. Tyzzer, Edward B. Vedder, Henry B. Ward, E. L. Walker, H. Windsor Wade.

These with the officers of the academy constitute the total number of fifty charter members authorized by the conference. The officers elected at Washington are:

*President*, Theobald Smith, Rockefeller Institute, Princeton, N. J.

*Vice-president*, Chas. F. Craig, Tulane University.

*Secretary*, Earl B. McKinley, George Washington University.

*Treasurer*, W. W. Cort, the Johns Hopkins University.

*Members of the Council*, Stanhope Bayne-Jones, Herbert C. Clark, Richard P. Strong, Alfred C. Reed, Henry E. Meleney.

## GRANTS-IN-AID OF THE AMERICAN ACADEMY OF ARTS AND SCIENCES

At the April meeting of the American Academy of Arts and Sciences announcement was made of grants-in-aid from the permanent science fund of the academy, as follows:

To Dr. Joseph C. Boyce, of the Massachusetts Institute of Technology, for aid in investigating the extreme ultra-violet spark spectra of krypton and xenon.

To Dr. T. T. Chen, of the University of Pennsylvania, \$90 to aid in the preparation of a monograph on the cytology of Opalinid Ciliate Protozoa.

To Dr. W. W. Coblentz, of the U. S. Bureau of Standards, \$400 for use in connection with an evaluation of ultra-violet in sunlight at Flagstaff, Arizona.

To Professor E. A. Culler, of the University of Illinois, \$350 for aid in an investigation of the effect upon hearing of protracted exposure to sound frequencies of high intensity.