

Special interest attaches to exhibits presenting typical courses of instruction in art, in nature study and in geography, prepared by authorities in these respective branches who are also masters of the art of graphic presentation.

Manual training, as carried out in the rural high schools, which are rapidly increasing in number, is well represented in the section. The importance of this training is emphasized by a typical course of manual training exercises equally adapted to city and country high schools, arranged for this occasion by Dr. Calvin M. Woodward.

The absorbing interest in this country at the present time in the development of high schools in which provision is made for agriculture, domestic science and manual arts, is emphasized in the exhibit by material pertaining to these subjects as parts of the school curriculum. This material consists of monographs, leaflets and photographs by means of which every phase of this comparatively recent departure in our educational provision is illustrated.

The equipment of rural schools is vastly increased by traveling and loan museums of which important examples have been supplied to this exhibit from the National Department of Agriculture, and from the chief scientific museums of the country which are rapidly coming into the same relation with the common schools as the traveling libraries.

The entire exhibit is arranged around two centers, as it were, namely, the model of an improved type of rural school, and a graphic presentation of the consolidated rural school. This plan emphasizes the fact that the first condition of improvement in common schools is their suitable housing.

The different collections in the exhibit are all fully labeled, and credit is given in each case to the source from which the particular exhibit was derived.

It is hoped that all teachers and school officers visiting the exposition will avail themselves of the opportunity thus afforded by the National Bureau for the study of salient educational problems of the hour, and also for professional meetings and conferences.

Special appointments for the conference room, and documents intended for circulation may be secured by addressing Mr. James C. Boykin, acting representative of the Interior Department at the Alaska-Yukon Exposition.

DELEGATES TO THE DARWIN CELEBRATION AT CAMBRIDGE

THE following is the list of American institutions which have been invited to send delegates to the celebration to be held in Cambridge next month in honor of the Darwin centenary and of the delegates who have been appointed:

- Ann Arbor, University of Michigan, Dr. H. S. Carhart.
- Baltimore, Johns Hopkins University, Dr. J. M. Baldwin.
- Berkeley, University of California, Dr. Jacques Loeb.
- Boston, *American Academy of Arts and Sciences, Professor W. Gibson Farlow.
- *Boston Society of Natural History, Professor C. S. Minot.
- Cambridge, Harvard University, Dr. A. Agassiz and Dr. Theobald Smith.
- Charlottesville, University of Virginia,
- Chicago, University of Chicago, Professor J. M. Coulter.
- Evanston, Northwestern University,
- Cold Spring Harbor, Station for Experimental Evolution, Dr. C. B. Davenport.
- Columbus, Ohio State University,
- Indiana, *Franklin Literary Society,
- Ithaca, Cornell University, President J. G. Schurman.
- Madison, University of Wisconsin, Dr. F. B. Powers.
- Minneapolis, University of Minnesota, Professor E. van Dyke Robinson.
- New Haven, Yale University, Professor R. H. Chittenden.
- Connecticut Academy of Arts and Sciences, Professor Tracey Peck.
- Peabody Museum of Natural History, Professor R. H. Chittenden.
- New York, Columbia University, Dr. E. B. Wilson.
- New York University, Dr. H. M. Biggs.
- *New York Academy of Sciences, President C. F. Cox.
- American Museum of Natural History, Director H. C. Bumpus.

Palo Alto, Stanford University, Professor V. L. Kellogg.

Philadelphia, University of Pennsylvania, Dr. C. C. Harrison.

*Academy of Natural Sciences, Dr. A. E. Brown.

*American Philosophical Society, Professor H. F. Osborn.

Pittsburg, Carnegie Institute, Dr. Samuel Harden Church.

Princeton, Princeton University, Professor W. B. Scott and Professor W. O. Richardson.

San Francisco, *California Academy of Sciences, Dr. G. E. Hale.

St. Louis, Washington University,

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

Carnegie Institution, Dr. R. S. Woodward.

Academy of Sciences, Dr. L. O. Howard.

U. S. Geological Survey,

The George Washington University,

Department of Agriculture,

Woods Hole, Marine Biological Laboratory, Dr. E. B. Wilson.

*Societies of which Charles Darwin was an honorary member.

AMERICAN CHEMICAL SOCIETY

THE summer meeting of the American Chemical Society will be held in Detroit, Mich., June 29 to July 2, and there is every prospect that the meeting will be one of the most largely attended and successful in the society's history. The local society of Detroit chemists is putting forth every effort to insure a successful gathering. One day of the meeting will be spent in Ann Arbor as the guests of the University of Michigan.

The council of the society will meet on June 28 and the opening session of the general meeting will be on the morning of June 29 in the Central High School which offers every facility for the meeting of the various divisions and sections of the society.

The Hotel Pontchartrain has been selected as headquarters for the meeting.

Titles of papers to be read at the summer meeting should be sent to the secretary of the society or to the secretaries of divisions and to find place on the program should reach me on or before June 7. Papers for the section of chemical education should be sent to the chairman, H. P. Talbot, Institute of Technology, Boston, Mass., before June 5.

A full program of the meeting will be sent to all members of the society about June 20.

CHARLES L. PARSONS,
Secretary

DURHAM, N. H.

SCIENTIFIC NOTES AND NEWS

At the last meeting of the American Academy of Arts and Sciences, it was voted to award the Rumford premium to Professor Robert W. Wood, of the Johns Hopkins University, for his discoveries in light and particularly for his researches on the optical properties of sodium and other metallic vapors.

At the last meeting of the Rumford committee of the American Academy the following grants were made: To Professor M. A. Rosanoff, of Clark University, for his research on the fractional distillation of binary mixtures, \$300; to Professor C. E. Mendenhall, of the University of Wisconsin, for his research on the free expansion of gases, \$300.

PROFESSOR F. W. PUTNAM has been elected honorary member of the Societa Italiana d'Antropologia, Ethnologia e Psicologia Comparata of Florence, Italy. Since 1887 he has been a corresponding member of this society.

DALHOUSIE UNIVERSITY has given its doctorate of laws to Dr. A. Ross Hill, president of the University of Missouri, who graduated from Dalhousie in 1892.

PROFESSOR R. MELDOLA, F.R.S., has been elected a member of the Athenæum Club for scientific eminence.

THE Marine Biological Station of San Diego having developed to such an extent as to require the entire time of the scientific director; and having been so endowed as to make it possible for him to devote himself to it, the present director, Professor Wm. E. Ritter, will relinquish the active headship of the department of zoology in the University of California at the close of the present academic year and will take up his permanent residence at the station. After June 1 his address will be, therefore, La Jolla, California.