

ting currents, etc. In light there are the renowned discovery and theory of the concave grating and the long series of investigations made in the field of spectroscopy. List of wave-lengths will not be reprinted in this volume, as they are readily accessible elsewhere; and any subscriber to this volume may obtain by application to the Johns Hopkins Press, Baltimore, a copy of Rowland's 'Preliminary Table of Solar Wave-lengths.' There will be, further, a description of Rowland's ruling engine, used for the making of gratings, details of which have never before been published.

The Memorial Address of Professor Men- denhall; published in *SCIENCE*, and a portrait of Professor Rowland will also be included.

The volume will be printed in royal octavo, bound in cloth, and will contain between six and seven hundred pages. The price set is five dollars per copy for orders sent in advance of publication.

Orders may be sent to Professor Joseph S. Ames, Secretary of the Committee of Publication, Johns Hopkins University, Baltimore, Maryland.

*THE INTERNATIONAL CATALOGUE OF
SCIENTIFIC LITERATURE.**

THE Third International Conference on this subject, held in London during June, 1900, after considering the questions left in abeyance by the two previous Conferences, decided to publish an annual book catalogue arranged according to both an author and a subject index of the following named sciences: Mathematics, Mechanics, Physics, Chemistry, Astronomy, Meteorology (including Terrestrial Magnetism), Mineralogy (including Petrology and Crystallography), Geology, Geography (Mathematical and Physical), Paleontology, General Biology, Botany, Zoology, Human Anatomy, Physical Anthropology, Physiology (including

Experimental Psychology, Pharmacology and Experimental Pathology), and Bacteriology.

Government aid was offered by many of the countries represented by delegates. The catalogue was to consist of an index to all original contributions to science published after January 1, 1901. Regional bureaus were to be established in the several countries charged with the duty of furnishing to the Central Bureau an index of the scientific literature of their respective countries. The price of the catalogue was fixed at \$85 per annum for the 17 annual volumes, subscriptions to be made for a period of five years. At the present time the affairs of the catalogue are as follows: The United States Government having as yet failed to contribute toward the support of a regional bureau, the Smithsonian Institution has temporarily undertaken the work.

The equivalent of over 71 complete sets, representing over thirty thousand dollars, have been subscribed for in the United States.

In February the Central Bureau reported that over fifty-one thousand catalogue slips had been received from the Regional Bureaus.

The first parts of Chemistry and Botany will be published during the present month, to be shortly followed by parts of Physics and Physiology. It was found necessary to publish these first volumes in two parts. The next publications will be the complete volumes of Mathematics, Astronomy, Meteorology and Bacteriology for 1901. Single volumes may be subscribed for at their proportional value. A provision has been made for those desiring a card index to print some of the sets on one side of the leaf only in order that the separate entries may be mounted on cards. The charge for the volumes so printed will be about one sixteenth in addition to the cost of the regular form.

SCIENTIFIC NOTES AND NEWS.

THE degree of LL.D. was conferred on Lord Kelvin by Yale University on May 5, this being the first time for over a hundred years that the University has held a special assembly for the conferring of an honorary degree. Lord Kelvin was presented for the degree by Professor R. H. Chittenden, director of the

* Abstract from a paper on the International Catalogue of Scientific Literature read before the American Philosophical Society, April 4, 1902, by Cyrus Adler, Ph.D. (For fuller history see *SCIENCE*, August 6, 1897, June 2 and 9, 1899. Also reports of the First, Second and Third International Conferences, published by the Royal Society, of London.)