

culture. The two former are four-year courses, leading to a baccalaureate degree. The last is a two-year course, the entrance requirements for which are the same as those of the regular long course, certificates being awarded at the close, instead of degrees. There has also been organized, within the college of letters and science, a new course for the training of teachers. Within the past year a new central heating plant has been built, as well as an addition to the administration building. A woman's building and a new animal husbandry building are in process of construction.

The increase in *Yale University's* grand total is one of 31, while that for the fall only amounts to 149, the discrepancy being due to the withdrawal of the summer school of this institution; the 48 students mentioned under summer session attended the summer school of forestry. Gains in the fall attendance have been registered by every department with the exception of the academic, which shows a loss of 41 students, whereas the Sheffield scientific school has gained six. To the enrollment of the latter should be added 154 graduate students who are members of the graduate school or the school of forestry. The law school reports a gain of 92, the graduate school one of 51, divinity 26, art 10, forestry 9, music 8, and medicine 5.

RUDOLF TOMBO, JR.

COLUMBIA UNIVERSITY

THE NATIONAL GEOGRAPHIC SOCIETY

THE arrangements for lectures for the current season are as follows:

December 11—"The Redemption of Ireland," by Mr. William E. Curtis. No longer does the Irishman in Ireland live on potatoes and peat. Illustrated.

December 18—"Present Conditions in Turkey," by Dr. Howard S. Bliss, president of the Syrian Protestant College, Beirut.

January 4—"The Sierra Nevada," by Dr. Grove Karl Gilbert.

January 8—"A Digger's Work in Palestine," by Dr. Frederick J. Bliss, author of "A Mound of Many Cities," "Excavations in Palestine," etc.

January 15—"The Non-Christian Tribes of the Philippine Islands," by Dr. Frederick Starr, of the University of Chicago.

January 22—"The Panama Canal and the Spanish Main," by Mrs. Harriet Chalmers Adams.

January 29—"Abraham Lincoln—Boy and Man," by Mr. W. W. Ellsworth, of the Century Company.

February 5—Major General A. W. Greely, U. S. Army, will address the society.

February 12—"The Bird Islands of Our Atlantic Coast," by Mr. Frank M. Chapman, of the American Museum of Natural History. Illustrated with lantern slides and moving pictures of the pelicans and fish hawks.

February 19—"Java—The Garden of the East," by Mr. Henry G. Bryant.

February 26—"Aerial Locomotion," by Mr. Wilbur Wright or Mr. Orville Wright.

March 12—"The Hunting Fields of Central Africa," by Mr. Gardiner F. Williams, for twenty years general manager of the De Beers diamond mines at Kimberley.

March 19—"Ruwenzori, the Snow-crowned Mountain of the Equator," by Professor Edwin A. Fay, of Tufts College, president of the American Alpine Club.

March 25—"Brittany—The Land of the Sardine," by Dr. Hugh M. Smith, deputy commissioner of the U. S. Bureau of Fisheries.

April 2—"Homes for Millions—Reclaiming the Desert," by Mr. C. J. Blanchard, of the U. S. Reclamation Service.

A BIBLIOGRAPHY ON SCIENCE TEACHING

At a meeting of the executive committee of the American Federation of Teachers of the Mathematical and Natural Sciences held April 28, 1908, it was voted to appoint a committee on bibliography of which Professor Richard E. Dodge, of Teachers College, New York, is chairman.

This committee was requested to prepare, at an early date, a selected and annotated bibliography on science teaching for publication by the federation. The field to be covered includes teaching in elementary, secondary and normal schools and colleges. The list is to