

special reference to military needs, and the result is a collection which, while it would be invaluable in the event of another military campaign, will also be highly useful in the peaceful development of the islands through the medium of modern roads, bridges and other improvements. These maps will probably do as much to promote the agricultural and industrial development of the Philippines as any single act of the civil government, and for them the authorities are indebted entirely to the patient, painstaking, courageous labors of the army.

THE council of the Royal Meteorological Society has now appointed a lecturer who is prepared to deliver lectures on meteorological subjects, *e. g.*, How to observe the Weather; Weather Forecasting; Climate; Rainfall; Thunderstorms; Meteorology in relation to Agriculture, Health, etc. The lectures will be illustrated by lantern slides from the large collection in the possession of the society. The council is willing to arrange for exhibiting at the gatherings of local scientific societies, institutions or schools, a collection of photographs, diagrams and charts illustrating meteorological phenomena and various patterns of instruments used for meteorological observations.

UNIVERSITY AND EDUCATIONAL NEWS.

MR. ANDREW CARNEGIE recently offered \$20,000 to Hope College, Holland, Mich., for a gymnasium, on condition that a like sum be raised by the institution. The condition has been met and the gymnasium is now being erected.

MR. RALPH VORHEES, of Clinton, N. J., has given Huron College, a Presbyterian institution in South Dakota, a hundred thousand dollars, subject to a life annuity of five per cent.

THE University of Melbourne will celebrate its jubilee in April, 1906.

DR. AUSTIN SCOTT has resigned the presidency of Rutgers College, but retains the chair of history and political science.

THE following appointments have been made in the faculties of the George Washington University:

Faculty of Graduate Studies.

General Henry L. Abbott, U.S.A., retired, member of the Board of Consulting Engineers of the Panama Canal, professor of hydraulic engineering.

Edward B. Rosa, Ph.D. (Johns Hopkins), professor of physics.

Brigadier-General George M. Sternberg, U.S.A., retired, former surgeon-general of the War Department, professor of preventive medicine.

Faculty of Columbian College.

Edwin A. Hill, A.B., M.A. (Yale), Ph.D. (Columbian), assistant professor of chemistry.

Thomas M. Price, B.S. (Md. Agricultural), Ph.D. (Columbian), assistant professor of chemistry.

Timothy W. Stanton, B.S., M.S. (Colorado), Ph.D. (Columbian), assistant professor of paleontology.

Philander Betts, B.S., M.S. (Rutgers), E.E. (Columbian), assistant professor of electrical engineering.

Paul N. Peck, A.B., A.M. (George Washington), instructor in mathematics.

Department of Medicine.

Arthur M. Tasker, B.A. (Wesleyan), assistant in chemistry.

Ernest W. Brown, Ph.D. (Yale), assistant in chemistry.

DR. ALEXANDER MCKENZIE, lecturer in the University of Birmingham, has been appointed head of the chemical department at the Birkbeck College in succession to Dr. John E. Mackenzie, who has become principal of the Technical Institute, Bombay.

APPOINTMENTS at King's College, London, have been made as follows: Mr. E. P. Harrison, Ph.D., and Mr. H. S. Allen, M.A., assistant lecturers in physics; Mr. C. F. Russell, B.A., assistant lecturer in mathematics; Mr. L. Hinkel, assistant demonstrator in chemistry; Mr. W. Woodland, demonstrator in zoology; Mr. O. S. Sinnatt, B.Sc., and Mr. R. Wolfenden, B.Sc., demonstrators in engineering; Mr. J. E. S. Frazer, F.R.C.S., demonstrator in anatomy.

DR. G. N. WOLDRICH has retired from the chair of geology in the Bohemian University at Prague, and is succeeded by Dr. Pocta.