

1900, for the successive lustra between 1885 and 1900, and the observations made at 52 stations of the second order during 1900. There are now 395 rainfall stations in Roumania. An index of the publications of the Roumanian Meteorological Institute from 1885 to 1903, comprising 31 octavo pages, offers the best of evidence as to the scientific activities of this institution.

R. DEC. WARD.

ERWIN E. EWELL.

ERWIN E. EWELL, lately first assistant chemist of the U. S. Department of Agriculture and more recently representative of the German Kali Syndicate in the Southern States with headquarters at Atlanta, Georgia, died in New Orleans, La., on February 7, after a brief but severe attack of gripe and rheumatism, followed by typhoid fever.

Mr. Ewell was born in Washington, Michigan, in 1867. His education was secured entirely through his own exertions since, through the death of his father, he was at an early age thrown entirely upon his own resources. He was graduated from the University of Michigan in 1890 and in the same year entered into the service of the Bureau of Chemistry of the Department of Agriculture. His efficiency led to his advancement to the position of principal assistant chemist of the department, and he contributed very largely to the success of the bureau. He was greatly interested in standards of measurements, was chairman of the committee of the American Chemical Society to secure better uniformity and accuracy in the standards in use and he was active in promoting the movement which finally led to the establishment of the bureau of standards. In 1903 he entered the service of the German Kali Syndicate and had begun with his characteristic energy and enthusiasm the presentation of the importance of potash salts in the nutrition of farm crops.

The many warm friends of Mr. Ewell will find in his death a serious personal loss and the scientific world will miss one of its most effective workers.

SCIENTIFIC NOTES AND NEWS.

THE summer meeting of the American Chemical Society will be held at Providence, R. I., June 21-23.

THE Alumni Association of the School of Applied Science of Columbia University has arranged to have painted a portrait of Dr. Charles F. Chandler, head of the Department of Chemistry. The portrait will be presented at the sesquicentennial celebration in October, when Dr. Chandler will have been for forty years professor of chemistry at the university.

THE alumni of the engineering department of the University of Michigan, now resident in Chicago and vicinity, have presented to the university a portrait in oil of the late Professor Charles E. Greene, dean of the engineering department from its organization until his death.

PROFESSOR W. OSTWALD gave the Faraday lecture of the Chemical Society at the Royal Institution, London, on April 19. At the close of the lecture he was presented with a medal bearing the image of Faraday, which had been specially struck for the occasion.

PROFESSOR L. V. KELLOGG, of the Department of Entomology of Stanford University, has been elected a member of Société Entomologique de France.

M. GUICHARD has been elected a member of the Paris Academy of Sciences in the section of geometry.

THE University of Glasgow has conferred its Doctorate of Laws on Professor Mendelejev, the eminent chemist.

AMONG the distinguished lecturers at the summer session of the University of California, which begins on June 27, are Professor Svante A. Arrhenius, of the University of Stockholm; Professor Hugo De Vries, of the University of Amsterdam; Sir William Ramsay, of University College, London, and Professor James Ward, of the University of Cambridge.

PROFESSOR RUSSELL H. CHITTENDEN, director of the Sheffield Scientific School, Yale University, on April 29, tendered a banquet in honor of Dr. C. S. Sherrington, professor of physiology in the University of Liverpool, who