

"Problems in the petroleum industry," by Colonel George A. Burrell (formerly head of Research Division, Chemical Warfare Service, U. S. Army), now president, The Gasoline Recovery Co., New York City.

"The composition of automobile exhaust gas in reference to the ventilation of vehicular tunnels," by Major Arno C. Fieldner, research chemist, Bureau of Mines, Pittsburgh, Pa.

On Friday evening preceding the symposium, a banquet of one hundred and thirty alumni and former students of the department was held at the Hartman Hotel. Among the speakers on this occasion were: Mr. Frederick W. Sperr, Jr., The Koppers Co.; Dr. Benjamin T. Brooks, The Mathieson Alkali Works; Mr. Frank O. Clements, General Motors Research Corporation; Professor Charles W. Foulk, department of chemistry, The Ohio State University; Mr. Cole Coolidge, department of chemistry, Ohio State University; Mrs. Carl Gay, and Mrs. George W. Stratton.

DEDICATION OF THE EDWARD ORTON MEMORIAL LIBRARY

THE Edward Orton Memorial Library was dedicated on Saturday, October 16, the exercises forming a part of the semi-centennial celebration of the Ohio State University. Edward Orton was the first president of that institution, its professor of geology until 1899, and state geologist of Ohio from 1882 until his death in 1899. The library, named in his honor, is a gift of his son, Colonel Edward Orton, Jr. It is located in Orton Hall and was opened for use late in 1917. The absence of Colonel Orton because of his duties in the war department prevented a dedication at that time.

Dr. I. C. White, president of the Geological Society of America, spoke on the contributions of Dr. Orton to geology; Colonel Orton spoke on the Edward Orton Memorial Library and announced the presentation of a set of the *Alpine Journal* and of \$500 and stated that he would give a like amount from time to time. A reception followed and later the guests were entertained at luncheon.

The books of this library consist chiefly of

the university collection, the geological survey collection and the Prosser library. The rooms are well lighted and commodious and the furnishings and equipment are unsurpassed by those of any similar library in the country.

SCIENTIFIC NOTES AND NEWS

NOBEL prizes have been awarded to Dr. Jules Bordet, professor of bacteriology at Brussels, and Dr. August Krogh, professor of oceanography at Copenhagen.

PROFESSOR F. FRANCIS, professor of chemistry in the University of Bristol, has been elected a corresponding member of the Belgian Royal Academy of Medicine.

DR. P. V. WELLS is returning to the Bureau of Standards after completing his investigations on the stratification of thin soap films, which he has been carrying forward at the laboratory of Professor Perrin in Paris.

GEORGE C. WHIPPLE, Gordon McKay professor of sanitary engineering, has returned to Cambridge after an absence of eight months, during which he has been chief of the Division of Sanitation of the League of Red Cross Societies, with headquarters at Geneva, Switzerland. His term of service ended on October 1, when he became consulting sanitary engineer. During the month of May, Professor Whipple and others visited Roumania to make an inspection of the methods for combating typhus and cholera.

NÉIL M. JUDD, curator of American archeology, United States National Museum, has returned to Washington after having spent the last five months in Utah, Arizona and New Mexico, engaged in archeological investigations for the Bureau of American Ethnology and the National Geographical Society.

ERNEST M. GRESS, Ph.D. (Pittsburgh, 1920), has been appointed botanist in the Pennsylvania Bureau of Plant Industry, Harrisburg. In connection with his other duties Dr. Gress will undertake the upbuilding of an extensive herbarium at Harrisburg.

A. C. BOYLE, JR., mining engineer, and professor at the University of Wyoming, has re-