

every instance, first a survey and then an analysis were made. After due consideration, fortified by conference, judgments were reached. When action came, it was decisive and often courageous. Magnitude with him was a wholly relative matter: he weighed his acts in results to be achieved, rather than in costs to be met. Moderate expenditures were the rule, but large ones, as notably for the erection of the great two hundred inch telescope building at Pasadena, did not daunt him.

Although he was not a technical scientist, Wickliffe Rose became a great force in science. The temper of his mind was essentially scientific and he found no difficulty in dealing with scientists on their own grounds. I believe that he never discerned a problem in an unscientific manner; surely he never entered upon a project which he did not comprehend fully. It may be said of him that he enriched every field in which he worked; this is true of hookworm disease, malaria, yellow fever, and of the aid, small and large, which he gave to physics, chemistry, astronomy and biology.

In an interlude to his constructive activities he rendered valuable service as chairman of the War Relief Commission of the Rockefeller Foundation. In Belgium, Poland, Serbia and other countries ravished by war the assistance given under his direction to refugees, children and the destitute is gratefully remembered. He was responsible for the creation of the hospital unit at Compiègne where Drs. Carrel and Dakin worked out their method of treating infected wounds which played so beneficent and large a part in the late years of the war and afterwards in civil life.

Dr. Rose was remarkable in his self-effacement. No man, I believe, was ever more successful in this respect. He was moved by the opportunity for human betterment—of health, of knowledge, of personal relations. To those of us privileged to work beside him he was a constant wonder and joy. The ideality of his purpose, the clarity and comprehensiveness of his vision, the lucidity of his exposition, the security of his judgment, his good companionship, his love of a good story (especially a fish story, for he was an enthusiastic fly fisherman)—these are things not to be conveyed in mere words.

SIMON FLEXNER

MEMORIALS

THE annual meeting of the Research Club of the University of Michigan each year honors the work of some leader of science whose birth occurred one hundred years ago or some multiple thereof. The meeting on April 20 was a memorial to Benedictus de Spinoza and Anthony van Leeuwenhoek. The paper

on Spinoza was read by Professor DeWitt H. Parker, of the department of philosophy; that on van Leeuwenhoek by Dr. C. V. Weller, head of the pathological laboratories. President Alexander G. Ruthven discussed the importance of research to the university.

THE *Zeitschrift für Tuberkulose* has published a special Robert Koch issue containing his portrait and two facsimile letters, as well as original papers by E. von Romberg and Sauerbruch, each of Munich; Sir Robert Philip, of Edinburgh; Calmette and Léon Bernard, of Paris; Bruno Lange, of Berlin; Bang, of Copenhagen, A. Stanley Griffith, of Cambridge, and others.

THE fourth "Victor Horsley Memorial Lecture" will be delivered this year, and the trustees (who consist of the presidents of the Royal Society, the Royal College of Surgeons of England, and the British Medical Association, the senior physician to the National Hospital, Queen Square, the senior surgeon to University College Hospital, and Mr. Stanley G. Robinson, the son-in-law of Sir Victor Horsley) have invited Professor E. D. Adrian, of the University of Cambridge, to give the lecture, and he has consented to do so. The lecture will be delivered on July 20 on the subject of "Visceral Sense Organs."

RECENT DEATHS

PROFESSOR JAMES W. TOUMBEY, a member of the faculty of the School of Forestry at Yale University since it was established in 1900, formerly dean of the school, died suddenly on May 6, at the age of sixty-eight years.

DR. CHARLES DWIGHT MARSH, formerly physiologist in the U. S. Bureau of Animal Industry, died in Washington on April 23, at the age of seventy-seven years.

DR. WILFRED W. SCOTT, head of the department of chemistry at the University of Southern California, died suddenly on May 3, at the age of fifty-six years.

DR. T. C. JOHNSON, horticulturist and director of the Virginia Truck Experiment Station, died on March 31, at the age of sixty-two years.

THE death is announced at the age of thirty-three years of Dr. George Janssen, assistant professor of agronomy and assistant agronomist at the Experiment Station at the University of Arkansas.

Nature reports the deaths of Professor W. R. Dron, Dixon professor of mining in the University of Glasgow; of Dr. Alfred Hay, sometime professor of electro-technology, Royal Indian Engineering College, Coopers Hill, and afterwards at the Indian Institute