

in every way those who may come from abroad for scientific observations, and for superintending arrangements generally. This commission will sit either at the Royal Observatory, Lisbon, or at the Society of Geography, Lisbon; its president is his Excellency Señor Marianno de Carvalho.

UNIVERSITY AND EDUCATIONAL NEWS.

THE Ohio Legislature with only three dissenting votes has placed a special tax on property for two years of one-twentieth of a mill on the taxable property of the State for the Ohio State University. This will yield \$90,000 a year, which will provide a building for the department of physics and one for the college of law.

It is reported in the daily papers that the Rev. F. H. James of Oakley, Kans., having inherited a large sum of money, will endow a Methodist University in Kansas City with \$1,000,000. It is also stated that he has also given \$300,000 for a college in Oakley. It is to be hoped that these reports are correct.

THE University of Wales has received a bequest of £5500 for the foundation of scholarships from the late Mr. Price Davies.

THE summer school in practical mining of Columbia University will be conducted by Professor Robert Peele at Cripple Creek, Colo. After five weeks spent in the mines the student will have two weeks work in geology with Professor Arthur Hollick.

Nature states that the report of the Advisory Committee appointed to inquire into the best manner for providing for scientific and commercial training respectively in connection with the new University of Birmingham has just been issued. It will be remembered that Mr. Andrew Carnegie and an anonymous donor each promised a gift of 50,000% toward the establishment of these two departments. The committee have made inquiries as to facilities for the teaching of science in its application to industries, and they report that, in their opinion, no such teaching, complete as they contemplate it, and as it must be, if it is to be successful, exists in any college in Great Britain. In making their recommendations, the committee have had in

view the object of the teaching of science in its application to industry, coupled with such technical instruction in handicrafts as will enable the students to complete their course in the University itself. It is proposed that the facilities already provided in Mason University College should be supplemented by chairs of mining, metallurgy, engineering, and applied chemistry. The scheme submitted contemplates the introduction of a complete equipment for the treatment of metals by heat and a small plant for treatment by electricity, as well as the necessary outfit for testing metals. Shops would be provided for manual training, and it is recommended that the machines used should be of the best and most modern type of English, American, and foreign manufacture. The committee further recommend the acquisition of 25 acres of land in the outskirts of Birmingham on which to build the University, their estimate of the total cost being 155,000%.

PROFESSOR C. S. PROSSER has been made acting head of the Department of Geology in Ohio State University.

THE following fellows have been appointed at the University of Pennsylvania: Zoology, J. R. Murlin and Miss R. A. Vivian; pedagogy, I. B. McNeal; mathematics, U. S. Hanna; biology, Miss C. B. Thompson; sociology, Miss C. Kimball.

PROFESSOR LUDWIG BOLTZMANN, of Vienna, has accepted the call to the chair of physics in the University of Leipzig.

M. MOISSAN has been appointed professor of inorganic chemistry in the Paris School of Pharmacology in the place of M. Riche who has retired.

MR. J. F. HUDSON, of Oxford University, has been appointed mathematical lecturer at University College, Bristol, in succession to Mr. J. F. McKean who has been appointed a mathematical lecturer at the Royal Naval Engineering College, Devonport.

DR. MEYER has qualified as docent in physics in the University of Vienna, and Dr. Oppenheim as docent in theoretical physics in the German University of Prague.