

will be visited. The quarry has produced in recent years a greater variety of interesting minerals than any other in this locality, and is always an attraction to visiting mineralogists.

Saturday the party will devote its attention to the faulting within the Triassic valley. The fault-line between the Lamentation Mountain block and the Hanging Hills block will be the particular study. Step faults and drag dips are frequent along the fault-line and give clear evidence of the magnitude of the faulting movements.

On Friday evening Professor W. M. Davis will speak on the Connecticut Triassic area as a whole. Professor W. N. Rice will then outline the details of the Saturday excursion and Professor W. G. Foye discuss the pegmatite quarries in the vicinity of Middletown. Immediately before these talks a luncheon will be served to the visiting geologists by Wesleyan University.

A collection of minerals from the pegmatites including one of the largest known collections of uraninites in the country will be on exhibition.

A cordial invitation is extended to all teachers and graduate students of geography and geology in the high schools, normal schools and colleges of New England.

#### LECTURES ON ASTRONOMICAL SUBJECTS AT THE CALIFORNIA ACADEMY OF SCIENCES

THE first course of lectures to be offered this year by the California Academy of Sciences has been arranged and will consist of four or more lectures on astronomical subjects. Each lecture will be illustrated. The course will be as follows:

September 26. Dr. W. W. Campbell, director, Lick Observatory, Mount Hamilton, Calif. Subject: "The solar system."

October 3. Dr. A. O. Leuschner, dean of the graduate division, University of California. Subject: "Comets."

October 10. Dr. R. G. Aitken, astronomer, Lick Observatory, Mount Hamilton, Calif. Subject: "The binary stars."

October 17. Dr. J. H. Moore, astronomer, Lick Observatory, Mount Hamilton, Calif. Subject: "The nebulae."

#### SCIENTIFIC NOTES AND NEWS

DR. LEO S. ROWE, assistant secretary of the treasury and formerly professor of political science in the University of Pennsylvania, has assumed the directorship of the Pan-American Union at Washington, succeeding Dr. John Barrett, who has retired after fifteen years as head of the union.

At a meeting of the Society of Chemical Industry in New York City on September 27, the Grasselli medal was conferred on Dr. Allen Rogers, of the Pratt Institute. The presentation address was made by Professor M. T. Bogert.

PROFESSOR FREDERICK HAYNES NEWELL, head of the department of civil engineering at the University of Illinois and formerly director of the United States Reclamation Service, has resigned and will go to California.

DR. ERNEST W. BROWN, professor of mathematics in Yale University, is on leave of absence during the first half of the current academic year and is sailing for England early in October to be away for a couple of months. His address there will be Christ's College, Cambridge.

PROFESSOR CHARLES A. KOFOID, of the University of California, has returned to Berkeley from a tour of the British and French institutes of parasitology and tropical medicine. He delivered addresses at the British Association for the Advancement of Science on "Hookworm and human efficiency" and on "The neuromotor system of flagellates and ciliates and its relation to mitosis and the origin of bilateral symmetry." He was elected vice-president of the Zoological Section of the association and received the honorary degree of doctor of science from the University of Wales.

MR. E. C. LEONARD, of the division of plants, U. S. National Museum, who accompanied Dr. W. L. Abbott to Haiti in February for botan-