In this way alone will it be possible to bring together and compare in a satisfactory manner forms from Polynesia, India, the Malay Archipelago, Africa, Australia and America.

HERBERT J. WEBBER,
Corresponding Secretary.

FACULTY SCIENCE CLUB OF WELLESLEY COLLEGE.

THE meetings of the Faculty Science Club for the current academic year have been of sustained interest. Professor Charlotte F. Roberts spoke in October on the 'Action of Metallic Magnesium upon Aqueous Solutions,' detailing experiments performed in the chemical laboratory, the results of which were published in the *Journal of the Chemical Society*.

The November meeting was addressed by Professor Sarah F. Whiting, on 'The Latest Theory of Electricity and its Historical Development.' This paper was amply illustrated by experiment, and finally some radium salt was exhibited, also photographs taken with it, and its action in discharging electricity.

Professor Irving Fisher, of Yale, was the guest of the club in December, and spoke on 'Sundials, their Different Forms and Mathematical Theory.' He especially described a bronze cylindrical sundial of his own construction, which gives not only local apparent time but that of any standard meridian and sidereal time. This dial is, through President Hazard, placed in the Whitin Observatory.

At the January meeting Miss Alice Wilson Wilcox spoke on '*Pectinatella magnifica*,' detailing her own studies of this form. This paper was illustrated by drawings, photographs and microscopes.

GRACE LANGFORD,
Secretary.

THE SCIENCE CLUB OF THE UNIVERSITY OF
WISCONSIN.

THE December meeting of the club was held on the 22d inst., President Turneure in the chair.

The first paper, by Professor Sandsten, on 'Conditions which affect the Production and Fertility of Pollen,' dealt with a number of interesting questions which have been subjects

of research by Professor Sandsten. A week's rain at the time of blossoming of apples was shown absolutely to prevent distribution of pollen and cause an orchard to be barren.

The second paper, by Professor Whitson, on 'The Influence of Climate on Soil,' was illustrated by striking examples of plants grown in soil which had been used for ten years in the university greenhouse, as compared with similar plants which had been grown in the same soil which had been only recently removed from the field. The plants in the first case were enormously advanced, while the comparative analysis of the soils showed the greenhouse soil to be much richer in soluble matter and to have undergone marked nitrification.

THE January meeting of the club was called to order on the twenty-sixth at 7:30 p.m. in the physical lecture room of Science Hall, President Turneure in the chair.

The first part of the evening was devoted to reports of the recent meetings of the science associations. W. H. Hobbs reported on the geology and mineralogy section of the American Association for the Advancement of Science; B. W. Snow on the physics section of the American Association for the Advancement of Science; V. Lenher on the American Chemical Society, E. B. Skinner on the Wisconsin Academy of Sciences, Arts and Letters.

The paper of the evening, 'Some Economic Problems in the Location of the K. L. and J. R. R. in Tennessee,' by W. D. Taylor, was presented in a very interesting manner, being illustrated by lantern slides of the region and of the workings in the construction of the road.

VICTOR LENHER,
Secretary.

THE NORTHEASTERN SECTION OF THE AMERICAN
CHEMICAL SOCIETY.

THE forty-ninth regular meeting of the section was held at the rooms of the Tech. Union, Massachusetts Institute of Technology, Boston, Friday, January 22, at 8 p.m., with President W. H. Walker in the chair. Forty members were present.

Mr. Maximilian Toch, of New York, pre-