

## OBITUARY.

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PHILIP ROSEMOND LOWRY, M. Sc.

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Philip Rosemond Lowry, B. Sc., Ohio State University, of 1920, died at Durham, New Hampshire, April 29, 1931.

From accounts received at the University it appears that he suffered a heart attack and his death was sudden and unexpected. "Phil" Lowry was an outstanding student while in the University, a great favorite with teachers and associates, combining a virile activity and brilliant intellect with a delightful personality which resulted in many friendships. In his chosen work in entomology he showed great promise and after taking his Master's degree in 1921 he received an appointment in the University of New Hampshire under Professor W. C. O'Kane (class '97). In this position he had been rapidly advanced in the work of the department and was at the time of his death ranked as Assistant Professor.

He was a member of the American Association for the advancement of Science, the American Association of Economic Entomologists, the Entomological Society of America, the Ecological Society of America, the Ohio Academy of Science and other scientific societies.

He was born September 24, 1896 and his death in his 35th year on what seems the threshold of a brilliant career in science is a heavy blow to a host of admiring friends and associates.

—HERBERT OSBORN.

## BOOK REVIEWS.

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DEMONS OF THE DUST. By WILLIAM MORTON WHEELER. W. W. Norton & Company, Inc., Publishers, New York.

Doctor Wheeler has brought together under this rather striking title a very interesting collection of studies upon certain groups of insects which have developed very striking habits in securing their food.

There is an interesting chapter on "Some Eighteenth Century Naturalists," treating of certain writers who presented the results of their studies of these insects; a chapter on "The Fauna of the Sands," giving a general survey of adaptation to arid conditions, then a series of chapters reviewing studies of different dust or sand inhabiting species with a quite complete monograph of the genus *Lampromyia*. Appendices include translations of early papers by De Geer and Réaumur. There is an extended and very complete bibliography.

The book is written in Doctor Wheeler's very interesting style and the illustrations and descriptions are evidently of his usual exact and illuminating character. The book will appeal to a wide circle of readers, both on account of its entertaining style and the remarkable habits of the insects treated.

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REPORT ON THE GAME SURVEY OF THE NORTH CENTRAL STATES. By ALDO LEOPOLD. For the Sporting Arms and Ammunition Manufacturers' Institute Under the Direction of its Committee on Restoration and Protection of Game.

This exhaustive report, while intended especially for those interested in game protection, includes many features that will be of interest to conservationists, especially to those interested in the preservation of wild life in as nearly as possible native conditions.

It includes surveys of the central northern states, Ohio, Michigan, Indiana, Illinois, Wisconsin, Minnesota, Iowa and Missouri and treats of the principal game birds and animals, many of them being species which are in danger of serious reduction or extermination. It includes numerous maps and charts and tabulated results of field studies. Copies are obtainable from American Game Association, Investment Bldg., Fifteenth and K Streets, Washington, D. C., at \$1.00 each, postpaid.

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EXPERIMENTS IN ATOMIC SCIENCE FOR THE AMATEUR.

By JAMES L. CLIFFORD. Published by Richard G. Badger, Boston, Mass.

This work is intended to give simple directions for the performance of experiments by amateurs and deals particularly with radio active substances, atomic structure, electrons, osmosis and ultra violet light. A brief bibliography is included.

H. O.