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#### Quantum Chemistry

Quantum Chemistry, by Eyring, Walter, and Kimball is a recent book dealing with quantum mechanics. The title seems a little anomalous since the contents are essentially those contained in any other book dealing with quantum theory, but perhaps physics when treated by the chemist becomes transmuted into chemistry. The book devotes three chapters to the transition from classical quantum theory to modern quantum theory. Following the fourth chapter discussing several of the most important differential equations in which the Schrodinger equation manifests itself, there are two chapters devoted to perturbation theory and radiation theory. After a discussion of the application of quantum theory to atomic structure the authors preface, what may be regarded as the section on molecular phenomena by a chapter on group theory. At the end are nine appendices emphasizing several useful topics of a more specialized nature.

The principal criticism which this reviewer can offer on this book is that the material is extremely condensed and very few of the topics are treated with thoroughness. A student wishing to become initiated into quantum mechanics could almost certainly choose another book which would be more helpful than Quantum Chemistry.—*H. H. Nielsen.*

**Quantum Chemistry**, by H. Eyring, J. Walter, and G. Kimball. vi+394 pp. John Wiley and Sons, Inc. 1944.

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#### Bibliography of Biographies of Entomologists

This paper brings up-to-date the first complete work on the subject published by Mr. J. S. Wade in the *Annals of the Entomological Society of America*, 21: 489-520, 1928. It is intended to be complete through the year 1943 and has been broadened in scope so that it includes biographical data for entomologists of all countries. The references include obituaries, birthdays, portraits, anniversaries, biographies and disposition of collections.

Compilations of this type are very worthwhile and the author is to be commended for a spare-time job well done.—*R. H. Davidson.*

**Bibliography of Biographies of Entomologists**, by Mathilde M. Carpenter. *American Midland Naturalist*, 33: 1-116, January, 1945. The University Press, Notre Dame, Indiana.