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**Evolution.**

It is widely recognized that the key to the evolution of the vertebrates lies in the study of fossilized skeletal remains. The vertebral column, with its complex structure, its wide variety of types in both living and extinct forms, together with its evolutionary implications held the interest of the distinguished scholar and author of this volume, Mr. Gadow, throughout forty years of his life.

This posthumous volume, edited by J. F. Gaskell and H. L. H. H. Green, discusses in detail the morphology of the axial skeleton and its ontogenetic and phylogenetic modifications in the first part of the book, preliminary to the systemic morphology of the vertebral column in Part II. The author analyzes the complicated mechanisms involved with an understanding born of a life-time study of this subject. He exhibits particular insight in determining homologous and analogous relationships. A great mass of fossil evidence is illustrated and discussed, by which the reader may follow the long tortuous road in the evolution of the Tetrapoda.

The text is a scholarly treatise, comprehensive and masterful. It is well edited. The bibliography is extensive and is indexed in an unique and useful way. It should take its place as an authoritative and valuable reference for the paleontologist and the student of vertebrate evolution.—JOHN W. PRICE.

**The Evolution of the Vertebral Column**, by H. F. Gadow. xiv 356 pp. Edited by J. F. Gaskell & H. L. H. H. Green. Cambridge, the University Press; New York, The Macmillan Co., 1933. \$6.75.