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**A Physiological Approach to the Lower Animals.** *J. A. Ramsay.* Cambridge University Press. 1952. ix+148 pp. \$2.75.

The basic problems of function are common to all animals, but the manner in which each species solves these problems is so intimately related to body size, pattern of organization and mode of life that knowledge of mammalian physiology alone is inadequate for an understanding of the physiology of invertebrates and lower vertebrates. With this in mind, Dr. Ramsay presents some broad concepts of nutrition, circulation, respiration, excretion, muscle and nerve physiology, sense organs, coordination and behavior, these being designed to provide a background for the study of comparative physiology. The book is intended for college students with some knowledge of zoology, physics, chemistry and elementary human physiology, and they should indeed find it useful. The originality and breadth of the author's interpretations of well-known facts of physiology, however, should make it rewarding reading for any zoologist or physiologist. It is well written, and the illustrations are excellent.

W. A. SPOOR.