
Principles of Biology. 2nd Ed. *W. Gordon Whaley, Osmond P. Breland, Chalres Heimsch, Austin Phelps, and A. R. Schrank.* Harper Brothers. x+877 pp. \$6.75.

This textbook is designed for use during an entire college year, and it presents Biology instead of Botany and Zoology in such a manner that students are saved the usual loss of time in learning some fundamentals which are usually presented in *each* of these related fields of science. The subject matters are presented so students will think of the structures and functions of plants and animals. For example, one part deals with development and growth, of aging and death, as processes to be seen in both kinds of organisms. The part which presents the facts and principles concerning the interrelationship of organisms and the relation of organisms and environment follows the combined treatment more effectively than the usual presentation of plant or animal ecology.

Four contributors to this second edition have helped make lucid presentations of the structure of protoplasm and genetics. Fine format, with excellent arrangement, fine photographs and drawings, good quality paper, and comprehensive treatment of the field of biology make this an outstanding textbook.

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