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**Man and His Physical Universe.** *Richard Wistar.* John Wiley and Sons, Inc. New York. 1953. xv+488 pp. \$4.75.

A book written for science survey courses which attempts to show the unity of the physical sciences and their relations to everyday living. Topics are introduced through familiar examples from our workaday lives. There are numerous good illustrations. Chapter summaries and review questions are included at the ends of chapters.

EDWARD S. FOSTER, JR.

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**The Social Insects.** *O. W. Richards.* Philosophical Library, Inc., New York. 1953. xiii+205 pp. \$4.75.

While this book is intended for the general reader it is an excellent review of the social insects with emphasis on their behavior. Dr. Richards gives an up-to-date world wide approach to the subject with the following chapters: the Insect World, Solitary and Social Wasps, Varieties of Wasp Society, Solitary and Social Bees, Honey Bees, The Ants or Pismires, Social Parasites, The Termites, and Insect Societies. There are ten illustrations with fifty-one excellent photographs. This is an outstanding book for the reader of natural history.

E. W. HUFFMAN.

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**The Molecular Architecture of Plant Cell Walls.** *R. D. Preston.* John Wiley & Sons, Inc., New York. 1952. xii+211 pp. \$6.75.

The author presents the historical background of cell wall studies; discusses the various substances of which cell walls are constructed; illucidates the various physical methods used in investigating the structure of plant cell walls; reports on the detailed architecture of cell walls in a wide variety of plants; and attempts to interpret the growth of cell walls in terms of molecular structure. Much of the material is a report of original research done by the author and his associates, and is published in this book for the first time.

R. A. POPHAM