

## • Books of the Week •

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**THE CHEMISTRY OF HETEROCYCLIC COMPOUNDS**—Avery A. Morton—*McGraw-Hill*, 549 p., \$6. A textbook to provide a broad background for knowledge of this class of compounds.

**CORALS FROM THE GULF OF CALIFORNIA AND THE NORTH PACIFIC COAST**—J. Wyatt Durham—*Geol. Soc. of Am.*, Memoir 20, 68 p., illus., \$1.70. Thirty-seven species of coral from this region are described and discussed. This includes 14 new species and six genera not previously recognized here.

**A GLOSSARY OF MOLLUSCAN TERMINOLOGY**—Paul H. Reed—*pub. by the author*, 30 p., paper, \$1. Compiled by the author from his library, and acknowledged as preliminary.

**RADIOACTIVE TRACERS IN BIOLOGY: An Introduction to Tracer Methodology**—Martin D. Kamen—*Academic Press*, 281 p., \$5.80. This text to provide a review of the concepts of nuclear physics for biologists, to present a critical survey of existing tracer methods, and to indicate both potentialities and limitations of these methods will serve to bridge the communications lag between new developments and those not immediately connected with them.

**RECLAIMED RUBBER: The Story of an American Raw Material**—J. M. Ball—*Rubber Reclaimers Assn.*, 248 p., illus., \$5. A history of this industry and the important part it has played in our national economy.

**THE RISE AND FALL OF THE MIDDLE KINGDOM IN THEBES**—H. E. Winlock—*Macmillan*, 174 p., illus., \$5. A reconstruction of the period from the Eleventh through the Sixteenth Dynasties from the scanty available evidence.

**WESTWARD HOW! Through the Scenic West.**—Fred Bond—*Camera Craft*, 324 p., illus., \$6.95. This book, for camera fans, plans numerous routes for driving through different sections of the Far West so that the visitor may make the best of his time and see all the majestic scenery en route. Complete descriptions of the various types of places to visit and photographs showing samples of the scenery add to its usefulness.

**WILDCAT CARTRIDGES**—Richard F. Simmons—*Morrow*, 333 p., illus., \$5. An analysis of over 200 experimental cartridges produced by handloaders and gunsmiths. Most of the present popular and efficient standard cases started out as "wildcats".

*Science News Letter, June 21, 1947*

### PSYCHOLOGY

## Athletics for Development

► **PSYCHOLOGICAL** kinks which often develop in men deficient in physical ability might be avoided if more attention were devoted in childhood and adolescence to improving skill in athletics.

This is one of the conclusions of a study of 17-year old boys by Dr. Harold E. Jones, director of the Institute of Child Welfare at the University of California.

The present system of physical education is excellent for producing championship athletes, Dr. Jones asserts, pushing to ever greater heights the performance of those well endowed physically.

But there would be many psychological as well as physical advantages, he believes, to a system of physical training directed more especially towards those who are of sub-average physical ability.

Prowess in athletics is one of the chief sources of prestige among adolescent boys, and this is partly related to the fact that strength and other aspects of physical ability are closely joined to such favorable traits as activity, aggressiveness, and leadership.

"Under present conditions many of those who most need training become

spectators," Dr. Jones states, "and those who least need it become performers. If physical education is to be judged in terms of its success with those who have greatest need, that is, with those who are naturally less proficient, some question may justly be raised as to the adequacy of the methods now in effect.

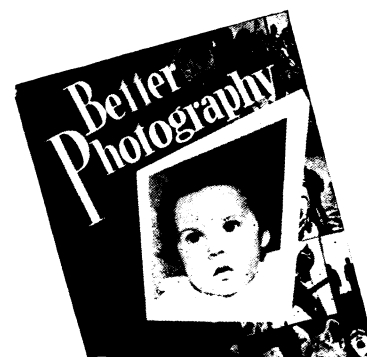
"A program more specifically and more intensively adapted to individual needs should compensate, to some extent, differences due to biological factors, and enable the physically less gifted to compete on somewhat more even terms with those having initial physical advantages.

"It is idle to expect differences to be eliminated or even very greatly reduced, but at least we might achieve a system in which these differences are less vigorously promoted."

*Science News Letter, June 21, 1947*

Bentonite clay has peculiar physical properties such as swelling and slipperiness when wetted; it is used to stop seepage in ponds and reservoirs because after once thoroughly wet these properties prevent further penetration of water.

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