

BOOK NOTICE

ANNUAL REVIEW OF ENTOMOLOGY, 1982, Volume 27, 503 p. (\$22.00 USA, \$25.00 elsewhere)

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FES 82056

ANNUAL REVIEW OF ECOLOGY AND SYSTEMATICS, 1981. Vol. 12, 470 p.

Contents: The behavioral ecology of hermit crabs, Brian A. Hazlett; Mechanisms of speciation—a population genetic approach, Alan R. Templeton; Community organization in marine algal epifaunas, Raymond Seed and Raymond J. O'Connor; Zoogeography of West Indian vertebrates in relation to Pleistocene climatic cycles, Gregory K. Pregill and Storrs L. Olson; Adaptation and evolution in *Heliconius*: a defense of NeoDarwinism, John R. G. Turner; Primary productivity, decomposition and consumer activity in freshwater wetlands, Mark M. Brinson, Ariel E. Lugo, and Sandra Brown; Late Cenozoic freshwater fishes of North America, Gerald R. Smith; Significance of fossil evolution and dynamics of intraspecific predation, Gary A. Polis; Flower and fruit abortion: proximate causes and ultimate functions, A. G. Stephenson; Insect seasonal cycles: genetics and evolution, Catherine A. Tauber and Maurice J. Tauber; Ecology and economics: complex systems in changing environments, Brock B. Bernstein; Community structure in the deep-sea benthos, Michael A. Rex; *Panorpa* (Mecoptera: Panorpidae) scorpionflies: systems for understanding resource-defense polygyny and alternative male reproductive efforts, Randy Thornhill; Numerical phenetics: its uses in botanical systematics, Thomas Duncan and Bernard R. Baum; A unified approach to marine plant-herbivore interactions. I. Populations and communities, Jane Lubchenco and Steven D. Gaines; author, subject, cumulative indexes.—JEL.