
Mechanisms of Animal Behavior. *Peter Marler and William J. Hamilton, III.* John Wiley & Sons, Inc., New York. 1967. vii-ix+771 p. \$14.95.

This book is concerned with the physiology of behavior. Topics covered include Circadian Rhythms, Hormones and Behavior, Chain Reflexes or Endogenous Control, Mechanism of Responsiveness to Light, Behavioral Functions of Vision, Acoustical Communication, Spatial Orientation, Navigation and Homing, Behavioral Development, Development of Motor Patterns, and Description in Space and Time.

In each topic throughout this book, conclusions or hypotheses concerning the behavioral syndromes being explored have been drawn from current references to experiments in anatomy and physiology, which are well reviewed. Examples are drawn from all levels of animal life, from Hydra to Mammals. Each chapter is followed by a long list of up-to-date, appropriate references.

I would recommend this book without reservation to the senior or graduate student who is concerned with the physiology of animal behavior.

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