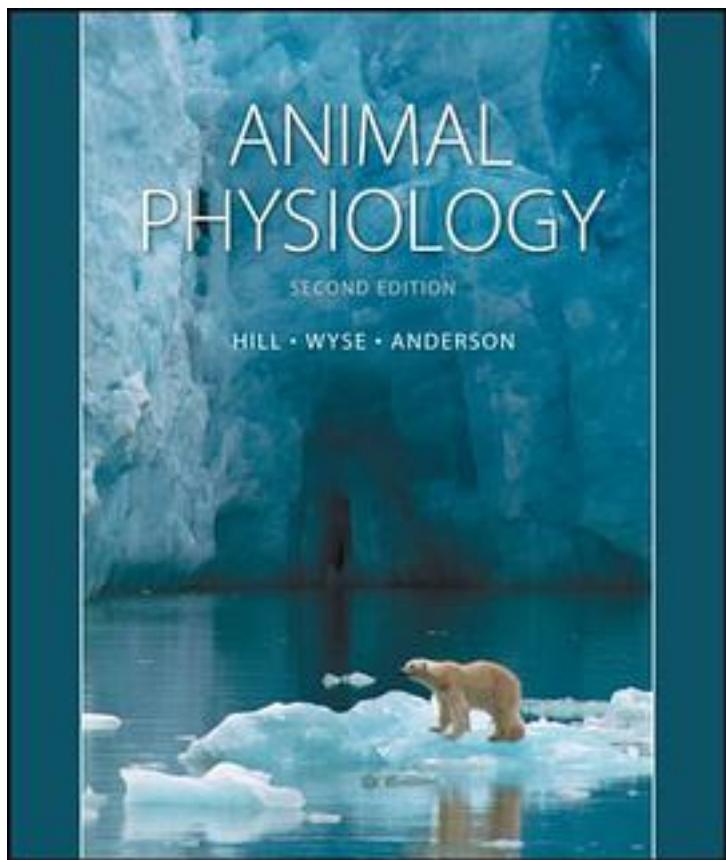


# Animal Physiology, Second Edition



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Animal Physiology presents all the branches of modern animal physiology with a strong emphasis on integration among physiological disciplines, ecology, and evolutionary biology. Its full-colour illustration program includes many novel, visually effective features to help students learn.

## 作者介绍:

Richard W. Hill is Professor in the Department of Zoology at Michigan State University and a frequent Guest Investigator at Woods Hole Oceanographic Institution. He received his Ph.D. in Zoology from the University of Michigan. Apart from Sinauer Associates' editions of "Animal Physiology", Dr. Hill has authored two other books on the subject (the second with Gordon Wyse), as well as numerous articles for scientific journals, encyclopedias, and edited volumes. Among the awards he has received are the Outstanding Faculty Award (Michigan State University Senior Class Council) and election as Fellow of the American Association for the Advancement of Science. He was a U.S. Senior Fulbright Scholar in 2000-2001. His research interests include: temperature regulation and energetics in birds and mammals, especially neonates; and environmental physiology of marine tertiary sulfonium and quaternary ammonium compounds, especially in the contexts of biogeochemistry and animal-algal symbioses.

Gordon A. Wyse is Professor of Biology Emeritus and Lecturer at the University of Massachusetts, Amherst. He completed his Ph.D. at the University of Michigan, then did postdoctoral and sabbatical work at Stanford University and Harvard Medical School. Dr. Wyse helped found the graduate program in Neuroscience and Behavior at UMass Amherst. He has served on the Editorial Board of "Advances in Physiology Education" and as Associate Dean of Natural Sciences and Mathematics. His research interests include the neural control of feeding behavior and other behavior patterns.

Margaret Anderson is Professor of Biological Sciences at Smith College. After completing her Ph.D. at Stanford University, she undertook postdoctoral studies at the Universidad Católica de Chile, Harvard University, and the University of Puerto Rico. At Smith, Dr. Anderson has served as an Academic Dean, Director of the Program in Neuroscience, and premedical advisor. She is one of six founding members of the Consortium of Medical Schools and Women's Colleges, and she contributes to several efforts that encourage women and minorities in the sciences. Her research interests include the functional properties of excitable cells.

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