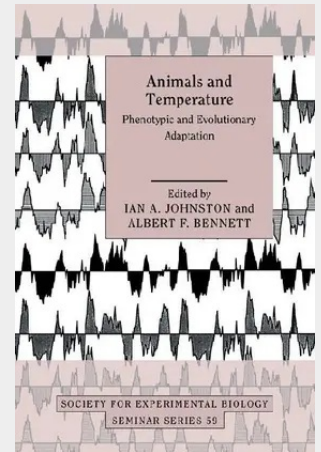


Animals and Temperature

Phenotypic and Evolutionary Adaptation

Environmental temperature varies in time and space on timescales ranging from a few hours to long-term climate change. Organisms are therefore continually challenged to regulate and maintain functional capacities as their thermal environment changes. This volume brings together many of the leading workers in thermal biology, with backgrounds spanning the disciplines of molecular biology, cell biology, physiology, zoology, ecology and evolutionary biology, to discuss the responses of a wide range of species to temperature change at all scales of organization, ranging through the molecular, cellular, organismal, population and ecosystem levels. The volume provides an important and comprehensive contribution to the study of temperature adaptation, which, given the concern about global climate change, will provide much to interest a wide range of biologists.

A very topical volume given the concern about global climate change.



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