

Physiological ecology of vertebrates - a view from energetics

Cornell University Press - The Physiological Ecology of Vertebrates: A View from Energetics



Description: -

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Epistolary fiction

Self-knowledge, Theory of

Critical pedagogy

Vertebrates -- Physiology

Animal ecology

Bioenergetics

Adaptation (Physiology)physiological ecology of vertebrates - a view from energetics

-physiological ecology of vertebrates - a view from energetics

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The role of quantitative genetic studies in animal physiological ecology

Hedgpeth, JW 1969 Preliminary observations of life between tidemarks at Palmer Station, 64°45'S, 64°05'W. We regret to inform you that the publisher of this article, Not Applicable, has removed this article from DeepDyve. An example of the later is evolutionary quantitative genetics.

The Physiological Ecology of Vertebrates : Brian K. McNab : 9780801439131

In Biology of the reptilia.

The role of quantitative genetic studies in animal physiological ecology

Environ Microbiol Rep 9: 357—373. Environ Sci Technol 33: 133—141. However, our analyses did reveal considerable variation in the age of the oldest intraspecific diversification event between taxonomic classes, and between ectotherms and endotherms.

Energetics and life

One major difficulty is to measure hundreds of individuals, as any pedigree-based design requires. Neither BioOne nor the owners and publishers of the content make, and they explicitly disclaim, any express or implied representations or warranties of any kind, including, without limitation, representations and warranties as to the functionality of the translation feature or the accuracy or completeness of the translations.

Ecology shapes bird bioenergetics

Alternative tools for studying the physiological ecology of elasmobranchs Tools are currently being developed that are specifically designed to address physiological questions in an ecological context e.

Thermoregulation in Animals

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Approaching research questions from a physiological ecological framework, including the application of recent technological advances—such as those outlined in this Perspective—has the potential to improve our understanding of the intricate relationship between physiology and ecology in elasmobranch fishes and how it can be applied to conservation and management. In this limited scope, our understanding of physiological mechanisms does not account for physiological variability that is attributable to ecological factors when extrapolating laboratory experiments to field settings.

Bridging disciplines to advance elasmobranch conservation: applications of physiological ecology

Understanding the thermal optima, physiological limits and other constraints of elasmobranch fishes provides a mechanistic understanding of how environmental conditions structure the distribution and ecology of these species.

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