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Evolutionary Applications

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Evolutionary approaches to environmental, biomedical and socio-economic issues



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Aims and Scope

Evolutionary Applications is a fully peer reviewed open access journal. It publishes papers that utilize concepts from evolutionary biology to address biological questions of health, social and economic relevance. Papers are expected to employ evolutionary concepts or methods to make contributions to areas such as (but not limited to): medicine, agriculture, forestry, exploitation and management (fisheries and wildlife), aquaculture, conservation biology, environmental sciences (including climate change and invasion biology), microbiology, and toxicology. All taxonomic groups are covered from microbes, fungi, plants and animals. In order to better serve the community, we also now strongly encourage submissions of papers making use of modern molecular and genetic methods (population and functional genomics, transcriptomics, proteomics, epigenetics, quantitative genetics, association and linkage mapping) to address important questions in any of these disciplines and in an applied evolutionary framework. Theoretical, empirical, synthesis or perspective papers are welcome.

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Photo caption: *Artemisia tridentata* (big sagebrush) is a widespread and foundational shrub species in western North America that has become extremely fragmented, to the detriment of dependent wildlife, and efforts to restore it are now a land management priority.

Photo credit: Lindsay Chaney