

Cooperation Among Animals An Evolutionary Perspective Oxford Series In Ecology



Cooperation Among Animals An Evolutionary

Cooperation among Animals: An Evolutionary Perspective. Hundreds of studies on cooperation in insects, fish, birds and mammals are reviewed. Cooperation in this wide array of taxa includes, but is not limited to, cooperative hunting, anti-predator behavior, foraging, sexual coalitions, grooming, helpers-at-the nest, territoriality,...

Cooperation among Animals: An Evolutionary Perspective ...

Cooperation Among Animals Oxford Series in Ecology and Evolution Edited by Robert M. May and Paul H. Harvey The Comparative Method in Evolutionary Biology Paul H. Harvey and Mark D. Pagel The Causes of Molecular Evolution John H. Gillespie Dunnock Behaviour and Social Evolution N. B. Davies Natural Selection: Domains, Levels, and Challenges George C. Williams Behaviour and Social Evolution of ...

Cooperation among Animals: An Evolutionary Perspective ...

Cooperation Among Animals: An Evolutionary Perspective. Despite the depiction of nature as "red in tooth and claw, " cooperation is actually a widespread attribute in the animal kingdom. It's the modern-day evolutionary biologists and behavioral ecologists who are embroiled in debate over why animals cooperate.

Cooperation Among Animals: An Evolutionary Perspective by ...

Despite the depiction of nature red in tooth and claw, cooperation is actually widespread in the animal kingdom. Various types of cooperative behaviors have been documented in everything from insects to primates, and in every imaginable ecological scenario.

Cooperation among Animals - Lee Alan Dugatkin - Oxford ...

Generous food division can be viewed as an instance of animal cooperation and biological altruism, subjects that have a long tradition in evolutionary biology [16, 17,18]. Darwin himself already ...

Cooperation Among Animals: An Evolutionary Perspective ...

Cooperation in animals: An evolutionary overview. Here I review four paths that have been delineated in the study of intra-specific cooperation among animals. These paths - kinship, reciprocity, byproduct mutualism and group selection - serve as a starting point for behavioral ecologists interested in studying the initiation and maintenance of cooperation.

Cooperation in animals: An evolutionary overview ...

Get this from a library! Cooperation among animals : an evolutionary perspective. [Lee Alan Dugatkin] -- Despite the depiction of nature as "red in tooth and claw," cooperation is actually a widespread attribute in the animal kingdom. It's the modern-day evolutionary biologists and behavioral ecologists ...

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Cooperation among animals : an evolutionary perspective ...

"Dugatkin's little book is both a great introduction to and a good review of cooperation in animals. He begins with an excellent summary of the long-standing interest in cooperative behavior among philosophers, psychologists, and biologists. . .

Cooperation Among Animals : An Evolutionary Perspective

Evolutionary mechanisms suggesting that reciprocity is the result, not the cause, of the evolution of cooperation. There are striking parallels between cooperative behavior and exaggerated sexual ornaments displayed by some animals, particularly certain birds, such as, amongst others, the peacock.

Co-operation (evolution) - Wikipedia

". . . the book will serve as a very useful overview of theoretical and empirical research on cooperation in a variety of guises and across a reasonably wide range of animal species."--The Quarterly Review of Biology "This book would be useful for introducing the topic of cooperation among animals, particularly to advanced undergraduates."--

Amazon.com: Cooperation among Animals: An Evolutionary ...

study of cooperation was primarily (but not exclusively) kept alive by W. C. Allee, A. E. Emerson, and their colleagues. Although these biologists amassed a large amount of data that documented cooperation among animals (e.g., Allee 1951), they did not develop a new theory on how cooperation evolved. From 1963 to the

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On the other hand, it is well known that cooperation and collective phenomena in animals result from the interaction among individuals that try to maximize their own evolutionary fitness. From a Complex System's perspective, ant colonies like human societies represent a clear example of complexity and self-organization.

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