



Dispersal Ecology: 42nd Symposium of the British Ecological Society (Symposia of the British Ecological Society)

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Dispersal has become central to many questions in theoretical and applied ecology in recent years. This has come about through advances in measurement and modelling of dispersal, combined with the key role of spatial processes in current environmental problems. This volume, written by a team of leading ecologists, aims to provide both the advanced student and researcher with a comprehensive review of dispersal and its implications for modern ecology. It presents a broad overview considering plants, invertebrates, vertebrates and microorganisms in both terrestrial and aquatic environments. Up-to-date methods for measuring dispersal are assessed. The importance of dispersal in ecological theory is addressed in chapters on life history evolution, ecological genetics, population and metapopulation dynamics, invasions, landscape ecology and biogeography. Applied questions on topics such as spread of non-native species, effect of habitat fragmentation, species reintroductions, disease epidemiology, responses to climate change and impacts of genetically modified organisms are also considered.

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Editorial Review

Review

"This is a fascinating insight into a new and somewhat specialised area of study. The advanced research means that it is primarily a text for undergraduate and researcher but there is also a great deal of material that can be used by teachers. The basic overviews, studies of butterflies and biogeography all contribute to filling some of the gaps in knowledge. This is an area to watch with interest - this text has shown the value of dispersal study and now we need to wait to see how it develops." TEG News, October 2002 "Thorough and thought-provoking, this will be the definitive guide to the study of species movements for the coming decade." Ian Powell, *Biologist* (2003) 50 (3)

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