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Note generali	"Based on contributions to a Royal Society Discussion Meeting in Dec. 1995" . - Pref. Includes bibliographical references and index Patterns on islands and microevolution - The reproductive biology and genetics of island plants - Evolution of small mammals - The maintenance of genetic polymorphism in small island populations - Molecular and morphological evolution within small islands - Speciation - Natural selection and random genetic drift as causes of evolution on islands - Island hopping in Drosophila - Speciation and hybridization of birds on islands - Ecological speciation in postglacial fishes - How 'molecular leakage' can mislead us about island speciation - - Radiations, communities, and biogeography - Ecological and evolutionary determinants of the species-area relationship in Caribbean anoline lizards - Lake level fluctuations and speciation in rock-dwelling cichlid fish in Lake Tanganyika, East Africa - Islands in Amazonia - Biotic drift or the shifting balance- did forest islands drive the diversity of warningly coloured butterflies? - Adaptive plant evolution on islands - Epilogue and questions.