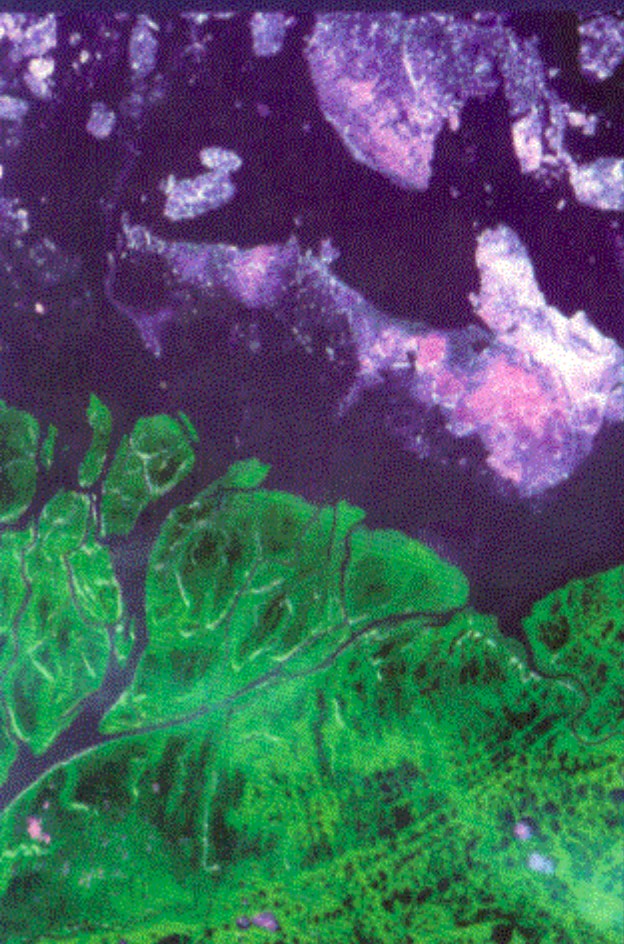


We know that there are millions of plant and animal species, but we do not know enough to be able to describe the patterns and processes that characterize the distribution of species in space, time, and taxonomic groups. Given that in practical terms it is impossible to understand the intricacies of the relationships between all the organisms and the dynamics of populations and communities in all spatial and temporal scales, other approaches must be used. Scaling rules offer one possible framework, and this book offers a synthesis of the ways in which scaling theory can be applied to the analysis of biodiversity. *Scaling Biodiversity* presents new views on quantitative patterns of the biological diversity on Earth and the processes responsible for them. Written by a team of leading experts in ecology who present their most recent and innovative views, readers will be provided with what is the state of the art in current ecology and biodiversity science.

DAVID STORCH is a researcher and university teacher at Charles University in Prague. He teaches courses on animal ecology, macroecology, and community ecology.

PABLO A. MARQUET is a researcher at the Center for Advanced Studies in Ecology and Biodiversity (CASEB), Institute of Ecology and Biodiversity (IEB) and Professor in the Department of Ecology at the Catholic University of Chile.

JAMES H. BROWN is a Distinguished Professor in the Department of Biology at the University of New Mexico.



Cover illustration: the Yukon Delta. Image courtesy of USGS National Center for EROS and NASA Landsat Project Science Office.



British Ecological Society

Designed by Joanne Barker

CAMBRIDGE
UNIVERSITY PRESS
www.cambridge.org

ISBN 978-0-521-69937-2



9 780521 699372 >