

One of the biggest threats to the survival of many plant and animal species is the destruction or fragmentation of their natural habitats. The conservation of landscape connections, where animals, plants, and ecological processes can move freely from one habitat patch to another, is therefore an essential part of any new conservation or environmental protection plan. In practice, however, maintaining, creating, and protecting connectivity in our increasingly dissected world is a daunting challenge. This fascinating volume provides a synthesis on the current status and literature of connectivity research and implementation. It shows the challenges involved in applying existing knowledge to real-world examples and highlights areas in need of further study. Containing contributions from leading scientists and practitioners, this topical and thought-provoking volume will be essential reading for graduate students, researchers, and practitioners working in conservation biology and natural resource management.

KEVIN R. CROOKS is an assistant professor in the Department of Fish, Wildlife, and Conservation Biology and the Graduate Degree Program in Ecology at Colorado State University. His research investigates the effects of habitat fragmentation, urbanization, and landscape connectivity on the behavior, ecology, and conservation of wildlife.



THE ZOOLOGICAL SOCIETY OF LONDON

M. SANJAYAN is a lead scientist for The Nature Conservancy. His current work focuses on ensuring connectivity in applied conservation projects worldwide and on understanding the role of ecosystem services in human well-being and conservation.

CONSERVATION BIOLOGY SERIES

Published in association with The Zoological Society of London



Cover illustration: male Mountain Lion
Felis concolor in Rocky Mountains.
Photographers Thomas Kitchin and
Victoria Hurst/First Light.

CAMBRIDGE
UNIVERSITY PRESS
www.cambridge.org

ISBN 0-521-67381-X



9 780521 673815 >