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Nota di contenuto	Conservation of Tropical Birds; Contents; Preface; 1 The State of Tropical Bird Biodiversity; 1.1 Imperiled bird biodiversity; 1.2 Drivers of endangerment; 1.3 The enigmatic; 2 Effects of Habitat Fragmentation on Tropical Birds; 2.1 Introduction; 2.2 Theoretical premises of fragmentation; 2.3 Area effects in tropical birds; 2.4 Edge effects; 2.5 Fragment isolation and the importance of connectivity; 2.6 Temporal change in forest fragments; 2.7 Conclusion; 3 Tropical Bird Extinctions; 3.1 Extinctions over time; 3.2 Extinction debt; 3.3 Are birds the most endangered taxa? 3.4 Case studies of recent bird extinctions3.5 Drivers of extinctions; 3.6 Extinction vulnerability; 3.7 Ecosystem resonance of bird extinctions; 3.8 Extinction resistance; 4 Ecological Functions of Birds in the Tropics; 4.1 Birds as mobile links; 4.2 Seed dispersal; 4.3 Pollination; 4.4 Predation and pest control - insectivores; 4.5 Predation and pest control - raptors; 4.6 Scavenging; 4.7 Nutrient deposition; 4.8 Ecosystem engineers and other ecological actors; 4.9 Birds and

humanity; 5 Fire and the Conservation of Tropical Birds; 5.1 Introduction; 5.2 Direct effects of fire; 5.3 Indirect effects of fire and altered fire regimes; 5.4 Altered fire regimes in fire-dependent ecosystems; 5.5 Altered fire regimes in fire-sensitive ecosystems; 5.6 Interaction between fires and other threats to tropical birds; 5.7 Managing fire for bird conservation; 5.8 Birds and post-fire regeneration; 5.9 Conclusion; 6 Biotic Invasions and Tropical Birds; 6.1 Effects of invasive species on tropical birds; 6.2 Avian invasions; 6.3 Pathology of avian invasions; 6.4 Tropical avian invaders; 6.5 Management of avian invaders; 7 Harvesting of Tropical Birds; 7.1 The volume of bird extraction; 7.2 Utilization of birds; 7.3 Effects of harvesting on birds; Color plates appear in between pages 166 and 167; 7.4 Sustainable harvesting; 7.5 Curtailing the bird harvesting and trade; 8 Climate Change Effects on Tropical Birds; 8.1 Future projections and models; 8.2 Where will climate change hit?; 8.3 Protected areas; 8.4 Effects of life history; 8.5 Mobility and migration; 8.6 Evolution; 8.7 Interspecific interactions and indirect effects; 8.8 Deadly synergies; 8.9 Seasonality in tropics; 8.10 Lack of knowledge; 8.11 Conclusion; 9 Conservation of Migratory Birds in the Tropics; 9.1 Migration - an imperiled phenomenon; 9.2 The natural history of migratory birds; 9.3 Conservation problems faced by migratory birds in the tropics; 9.4 Towards a comprehensive strategy for migratory bird conservation; 10 Conservation Prospects for Tropical Birds; 10.1 Protection and triage; 10.2 Bird conservation in human-dominated landscapes; 10.3 Population augmentation; 10.4 Livelihoods and bird conservation; 10.5 Education and capacity building; 10.6 Enhancing knowledge of tropical birds; References; Index

Sommario/riassunto

Conservation of Tropical Birds has been written by four conservation biologists whose expertise spans all the tropical regions of the world. It is the first book to cover all the major issues in tropical bird conservation. Current problems faced by tropical bird conservationists are summarised and potential solutions outlined based on the results of case studies. Birds are key indicators of ecosystem health, and such a well-studied group of organisms, that they provide an excellent lens through which to examine global conservation problems caused by phenomena such as climate change, d
