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Nota di contenuto	-- Chapter 1: Ecology of Himalayan Treeline -- Chapter 2: Treeline Shifts in Himalaya: A Meta-Analytical Perspective -- Chapter 3: Climate Change and Forests in the Himalayas -- Chapter 4: Forest Fire Ecology -- Chapter 5: Large-scale Gradients in Himalayan Bird Diversity and the Role of Biogeography, Evolution and Anthropogenic Influences -- Chapter 6: Dynamics of Megafauna in the Himalayan Forest Ecosystem -- Chapter 7: Forests, fields and futures: Livelihood transitions in the Himalayas -- Chapter 8: Farming the forest or foresting the farm? Shifting cultivation in the highlands of North-East India -- Chapter 9: Chronic disturbance in Himalayan Forests – from Degradation to Forest recovery -- Chapter 10: Silvicultural and Himalayan Forests -- Chapter 11: Sustaining Humans: Himalayan Forests and Ecosystem Services.
Sommario/riassunto	This second volume on Himalayan forests provides critical insights into

Himalayan forests' response to the dual pressures of anthropogenic and natural stressors during the unprecedented environmental change. It examines forest reactions to physical disturbances, climatic shifts and the extreme temperature regimes that characterize treelines, thus predicting ecosystem responses under changing conditions. Through detailed analyses of treeline dynamics, fire ecology and wildlife distributions, this volume demonstrates forest ecosystem resilience and vulnerability to environmental stressors and provides insights into the interaction of biotic and abiotic factors. A distinctive focus on human-forest relationships examines both direct benefits and ecosystem service flows that sustain Himalayan communities. From livelihood transitions and shifting cultivation practices to silvicultural approaches, this volume bridges ecological science with practical applications. Coverage of chronic disturbance patterns and forest recovery trajectories provides frameworks for understanding long-term ecosystem dynamics. This volume is a reference for conservation practitioners, climate researchers and forest managers. It addresses contemporary challenges in mountain ecosystems.
