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Nota di contenuto	Large herbivores across biomes / Herve Fritz and Anne Loison -- Living in a seasonal environment / Jon Moen, Reidar Andersen, and Andrew Illius -- Linking functional responses and foraging behaviour to population dynamics / Andrew W. Illius -- Impacts of large herbivores on plant community structure and dynamics / Alison J. Hester [and others] -- Long-term effects of herbivory on plant diversity and functional types in arid ecosystems / David Ward -- The influence of large herbivores on tree recruitment and forest dynamics / Robin Gill

-- Large herbivores : missing partners of western European light-demanding tree and shrub species? / Frans W.M. Vera, Elisabeth S. Bakker, and Han Olff -- Frugivory in large mammalian herbivores / Richard Bodmer and David Ward -- Large herbivores as sources of disturbance in ecosystems / N. Thompson Hobbs -- The roles of large herbivores in ecosystem nutrient cycles / John Pastor, Yosef Cohen, and N. Thompson Hobbs -- Large herbivores in heterogeneous grassland ecosystems / Douglas A. Frank -- Modelling of large herbivore-vegetation interactions in a landscape context / Peter J. Weisberg, Michael B. Coughenour, and Harald Bugmann -- Effects of large herbivores on other fauna / Otso Suominen and Kjell Danell -- The future role of large carnivores in terrestrial trophic interactions : the northern temperate view / Reidar Andersen, John D.C. Linnell, and Erling J. Solberg -- Restoring the functions of grazed ecosystems / Iain J. Gordon -- Themes and future directions in herbivore-ecosystem interactions and conservation / John Pastor [and others].

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Sommario/riassunto

Most large herbivores require some type of management within their habitats. Some populations of large herbivores are at the brink of extinction, some are under discussion for reintroduction, whilst others already occur in dense populations causing conflicts with other land use. Large herbivores are the major drivers for forming the shape and function of terrestrial ecosystems. This 2006 book addresses the scientifically based action plans to manage both the large herbivore populations and their habitats worldwide. It covers the processes by which large herbivores not only affect their environment (e.g. grazing) but are affected by it (e.g. nutrient cycling) and the management strategies required. Also discussed are new modeling techniques, which help assess integration processes in a landscape context, as well as assessing the consequences of new developments in the processes of conservation. This book will be essential reading for all involved in the management of both large herbivores and natural resources.

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