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Nota di contenuto	Contributors; Preface; 1 Sustainability of Grazing Systems: Goals, Concepts and Methods; 2 Effects of Nitrogen and Water Supply on N and C Fluxes and Partitioning in Defoliated Swards; 3 An Integrated View of C and N Uses in Leaf Growth Zones of Defoliated Grasses; 4 Effects of Grazing on the Roots and Rhizosphere of Grasses; 5 Reserve Formation and Recycling of Carbon and Nitrogen during Regrowth of Defoliated Plants; 6 Shoot Morphological Plasticity of Grasses: Leaf Growth vs. Tillering; 7 Tiller Dynamics of Grazed Swards 8 Effect of Nitrogen on Some Morphogenetic Traits of Temperate and Tropical Perennial Forage Grasses 9 Modelling the Dynamics of Temperate Grasses and Legumes in Cut Mixtures; 10 Plant-Animal Interactions in Complex Plant Communities: from Mechanism to Modelling; 11 Modelling Spatial Aspects of Plant-Animal Interactions; 12 Defoliation Patterns and Herbage Intake on Pastures; 13 Selective

Grazing on Grass- Legume Mixtures in Tropical Pastures; 14 Leaf Tissue Turnover and Efficiency of Herbage Utilization; 15 Dynamics of Heterogeneity in a Grazed Sward  
16 Soil-Plant-Animal Interactions and Impact on Nitrogen and Phosphorus Cycling and Recycling in Grazed Pastures; 17 Sustainable Management of Pasture and Rangelands; 18 Campos in Southern Brazil; 19 Campos in Uruguay; 20 Argentina's Humid Grazing Lands; The Final Resolution; Index

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Sommario/riassunto

This text presents edited key papers from the International Symposium on Grassland Ecophysiology and Grazing Ecology held in Curitiba, Brazil in August 1999. It considers how plants within grasslands respond to and are adapted to grazing animals.

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