

ECOSYSTEMS

Volume 20, Number 7, November 2017

On the cover: Cover image courtesy of Dr. Judith Sitters. See article in this issue.

Original Articles

- Long-lasting Imprint of Former Glassworks on Vegetation Pattern in an Extremely Species-rich Grassland: A Battle of Species Pools on Mesic Soils
Michal Hájek, Petr Dresler, Petra Hájková, Eva Hettenbergerová, Peter Milo, Zuzana Plesková, and Michal Pavonič 1233
- Patterns of DON and DOC Leaching Losses Across a Natural N Availability Gradient in Temperate Hardwood Forests
Emily E. Scott and David E. Rothstein 1250
- Interactive Effects Between Reindeer and Habitat Fertility Drive Soil Nutrient Availabilities in Arctic Tundra
Judith Sitters, Mariska te Beest, Mehdi Cherif, Reiner Giesler, and Johan Olofsson 1266
- The Enemy of My Enemy Hypothesis: Why Coexisting with Grasses May Be an Adaptive Strategy for Savanna Trees
Zak Ratajczak, Paolo D'Odorico, and Kailiang Yu 1278
- Inundation, Vegetation, and Sediment Effects on Litter Decomposition in Pacific Coast Tidal Marshes
Christopher N. Janousek, Kevin J. Buffington, Glenn R. Guntenspergen, Karen M. Thorne, Bruce D. Dugger, and John Y. Takekawa 1296
- The Sensitivity of Evapotranspiration to Inter-Specific Plant Neighbor Interactions: Implications for Models
Heather Kropp, Kiona Ogle, Enrique R. Vivoni, and Kevin R. Hultine 1311
- Macrofaunal Functional Diversity Provides Resilience to Nutrient Enrichment in Coastal Sediments
Emily J. Douglas, Conrad A. Pilditch, Casper Kraan, Louis A. Schipper, Andrew M. Lohrer, and Simon F. Thrush 1324
- Improved Coral Population Estimation Reveals Trends at Multiple Scales on Australia's Great Barrier Reef
Julie Vercelloni, Kerrie Mengersen, Fabrizio Ruggeri, and M. Julian Caley 1337

Neighborhood-Scale Analyses of Non-additive Species Effects on Cation Concentrations in Forest Soils <i>Seth Bigelow and Charles Canham</i>	1351
Integrating the Concept of Resilience into an Ecosystem Approach to Bivalve Aquaculture Management <i>Lotta Clara Kluger, Ramón Filgueira, and Matthias Wolff</i>	1364
Controls on Litter Decomposition of Emergent Macrophyte in Dongting Lake Wetlands <i>Yajun Xie, Yonghong Xie, Huayun Xiao, Xinsheng Chen, and Feng Li</i>	1383