Table of Contents

Preface (p. vii) R. Todd Engstrom

Conference Dedication to J. Larry Landers (p. ix) Dale D. Wade

Third E. V. Komarek, Sr. Fire Ecology Lecturer: Ariel E. Lugo (p. x) Ronald L. Myers

Fire and Wetland Management (p. 1) Ariel E. Lugo

Impacts of Fire and Hydrological Regimes on Vegetation in Depression Wetlands of Southeastern USA (p. 10) L. K. Kirkman

Fire in Boreal Wet‐meadows: Implications for Climate Change (p. 21) John C. Hogenbirk and Ross W. Wein

Short- and Long-term Effects of Fire on Vegetation and Biogeochemical Processes in Southeastern Evergreen Shrub Bogs (Pocosins) - Abstract only (p. 30) Normal L. Christensen and R. B. Wilbur

Fire on the Gapalg (Floodplain): Contemporary Aboriginal and Other Burning Patterns in Kakadu National Park, Northern Australia (p. 31) Sue J. Roberts

Presettlement Fire Regimes in Southeastern Marshes, Peatlands, and Swamps (p. 39) Cecil C. Frost

Fire Ecology of the Guayana Region, Northeastern South America (p. 61) R. Todd Engstrom

Ignition and Burning Characteristics of Organic Soils (p. 78) Roger D. Hungerford, William H. Frandsen, and Kevin C. Ryan

The Role of Fire in Spartina pectinata-Dominated Tallgrass Prairie Wetlands (p. 92) Stephen R. Johnson and Alan K. Knapp

Vegetation Recovery in Sedge Meadow Communities Within the Red Bench Fire, Glacier National Park (p. 102) E. Earl Willard, Ronald H. Wakimoto, and Kevin C. Ryan

Fire in Cypress Swamps in the Southeastern United States (p. 111) Katherine C. Ewel

Groundwater Levels Are Critical to the Success of Prescribed Burns (p. 117) Sydney T. Bacchus

Fire in Coastal Marshes: History and Recent Concerns (p. 134) John A. Nyman and Robert H. Chabreck

Fire Effects and Fire Management in the Upper St. Johns River Basin, Marsh Florida (p. 142) Mary Ann Lee, Kimberli J. Ponzio, and Brian G. Ormiston

Effects of Spring and Fall Burning on Cattail in South Dakota (p. 151) Jose H. Saenz Jr. and Loren M. Smith
PANEL DISCUSSION ABSTRACTS (p. 158)

Conference Summary and Concluding Remarks (p. 161) Leonard A. Brennan

POSTER ABSTRACTS (p. 163)

The Effects of Annual Burning on the Understory of a Hydric Slash Pine Flatwoods in Southwest Florida
James W. Beever, III and Lisa B. Beever

Can Fire Perpetuate the Okefenokee Swamp in Today's World?
Sara Brown and Ron Phernetton

Some Soil Properties of Freshwater Wetlands in North Florida
Charles L. Coultas

The Use of Tree Ring Data to Reconstruct Fire History: an Application for St. Marks National Wildlife Refuge
Thomas W. Doyle

Evidence of Fire Impact on Scrub-shrub Formation and Decline in a Flotant Marsh System
Thomas W. Doyle

Effects of Seasonal Burning on Forest Productivity in the Longleaf Pine Flatwoods
Thomas W. Doyle, Lance Gorham and William J. Platt

Fire and Organic Soils: Burning Characteristics and Biotic Effects
R. D. Hungerford, W. H. Frandsen, and K. C. Ryan

Seasons of Fire Effects on the Federally Endangered Schwalbea americana: Preliminary Results
L. K. Kirkman and Mark B. Drew

The Effect of Prescribed Burning on Pine-mesic Oak and Flatwoods Communities in Central Florida
Frank J. Norman and Daniel R. DeJoode

Wildfire Behaviour in a New Zealand Wetland: A Case Study
H. G. Pearce, R. F. Morgan and M. E. Alexander

Using Less Flammable Vegetation to Contain Fires: Species Selection and Testing
C. L. Sarrazin and J. C. Hogenbirk

Fire Management in Wetland Restoration
Kent Van Horn, Michele A. Van Horn, Robert C. Glancy, James Goodwin and Robert D. Driggers

Conference Participants (p. 171)

Note: Papers in this proceedings are presented in program order.