

# WETLANDS

Volume 37 · Issue 4 · August 2017

## MARK BRINSON REVIEWS

**J.G. Watson, Inundation Classes, and their Influence on Paradigms in Mangrove Forest Ecology**  
D.A. Friess 603

**The Functioning of Rhizosphere Biota in Wetlands – a Review**  
A. Neori · M. Agami 615

## ORIGINAL RESEARCH

**Changes in Community-Level Riparian Plant Traits over Inundation Gradients, Colorado River, Grand Canyon**  
M.E. McCoy-Sulentic · T.E. Kolb · D.M. Merritt · E. Palmquist · B.E. Ralston · D.A. Sarr · P.B. Shafroth 635

**Potential Effects of Projected Decrease in Annual Rainfall on Spatial Distribution of High Andean Wetlands in Southern Peru**  
M. Otto · R.E. Gibbons 647

**Insect Community Diversity Tracks Degradation and Recovery of a Wastewater Assimilation Marsh in Southeast Louisiana**  
M.O. Weller · J.L. Bossart 661

**Effect of Hummock-Forming Vegetation on Methane Emissions from a Temperate Sedge-Grass Marsh**  
V. Jitka · D. Jiří · S. Stanislav · M. Lenka · Č. Hana 675

**Response of Primary Producer Communities to Short-Term Nutrient Additions in a Pacific Northwest Estuarine Tidal Wetland**  
C.L. Weilhoefer · K. Jakstis · C. Fischer 687

**Attraction of Nesting Wading Birds to Alligators (*Alligator mississippiensis*). Testing the ‘Nest Protector’ Hypothesis**  
B.F. Burtner · P.C. Frederick 697

**Frequentist and Bayesian Approaches to Understanding Changes in Redox Potential Due to Hydrology and Vegetation in Agricultural Drainage Ditches**  
C. Shoemaker · R. Kröger 705

**Urban Land use Affects Resident Fish Communities and Associated Salt Marsh Habitat in Alabama and West Florida, USA**  
M. Wedge · C.J. Anderson 715

**Carbon Input and Accumulation in Freshwater to Brackish Marshes on the Barrier Islands of Virginia, USA**  
N. Sedghi · E.C. Adams · F.P. Day 729

**Effects of Drainage on Open-Water Mire Pools: Open Water Shrinkage and Vegetation Change of Pool Plant Communities**  
A. Lee · H. Fujita · H. Kobayashi 741

**Evaluating a Rapid Aerial Survey for Floating-Leaved Aquatic Vegetation**  
J.A. VonBank · A.F. Casper · A.P. Yetter · H.M. Hagy 753

**Potential Methane Production Associated with Aquatic Macrophytes Detritus in a Tropical Coastal Lagoon**  
A.L. dos Santos Fonseca · C.C. Marinho · F. de Assis Esteves 763

**Groundwater-Driven Wetland-Stream Connectivity in the Prairie Pothole Region: Inferences Based on Electrical Conductivity Data**  
G. Ali · A. Haque · N.B. Basu · P. Badiou · H. Wilson 773

## REVIEW ARTICLE

**Potential Effects of Foundation Species Loss on Wetland Communities: A Case Study of Black Ash Wetlands Threatened by Emerald Ash Borer**  
M.B. Youngquist · S.L. Eggert · A.W. D’Amato · B.J. Palik · R.A. Slesak 787

## SHORT COMMUNICATION

**The Significant Surface-Water Connectivity of “Geographically Isolated Wetlands”**  
A.J.K. Calhoun · D.M. Mushet · L.C. Alexander · E.S. DeKeyser · L. Fowler · C.R. Lane · M.W. Lang · M.C. Rains · S.C. Richter · S.C. Walls 801

Instructions for Authors for *Wetlands* are available at <http://www.springer.com/13157>.