

# Wetlands Ecology and Management

## Incorporating *Mangroves and Salt Marshes*

Volume 25 · Issue 2 · April 2017

### Heavy metal detoxification mechanisms in halophytes: an overview

P. Sruthi · A.M. Shackira · J.T. Puthur 129

### ORIGINAL PAPERS

### Application of hydrogeophysical techniques to study the distribution of a burrowing crayfish in a wetland

S.C. Sweat · S. Mutiti · C.E. Skelton 149

### The effects of reed canary grass (*Phalaris arundinacea* L.) on wetland habitat and arthropod community composition in an urban freshwater wetland

C.L. Weihoefer · D. Williams · I. Nguyen ·  
K. Jakstis · C. Fischer 159

### Management of the margins in cutover bogs: ecological conditions and effects of afforestation

É. Paradis · L. Rochefort 177

### Assessment of Upper Taylor Slough water quality and implications for ecosystem management in Everglades National Park

P. Julian II 191

### The interaction between wetland nutrient content and plant quality controls aquatic plant decomposition

C. Grasset · L.H. Levrey · C. Delolme · F. Arthaud ·  
G. Bornette 211

### Using stable hydrogen and oxygen isotopes to study water movement in soil-plant-atmosphere continuum at Poyang Lake wetland, China

X. Zhang · Y. Xiao · H. Wan · Z. Deng · G. Pan ·  
J. Xia 221

### Variability of *Mya arenaria* growth along an environmental gradient in the Plum Island Sound estuary, Massachusetts, USA

K.A. Koo · R.L. Walker · E.S. Davenport ·  
C.S. Hopkins 235