

## The planthopper fauna of seven species of *Spartina* (Hemiptera: Fulgoroidea)

Wilson S. W.<sup>1</sup> & Wheeler A. G. Jr.<sup>2</sup>

<sup>1</sup>Department of Biology, University of Central Missouri, Warrensburg, MO 64093 USA

<sup>2</sup>Department of Entomology, Soils, and Plant Sciences, Clemson University, Clemson,  
SC 29634-0315 USA  
swwilson@ucmo.edu  
awhjr@clemson.edu

Seven species of cordgrasses in the genus *Spartina* collectively serve as hosts for 2 species of Caliscelidae, 1 Cixiidae, 15 Delphacidae, and 1 Derbidae. The caliscelids and cixiid feed on a range of species, the derbid and 9 species of delphacids are monophagous on a species of *Spartina*. Two species of *Megamelus* are undescribed. Examination of the planthopper host associations with a recently published phylogeny of *Spartina* revealed that the *S. patens* + *S. pectinata* clade does not share any delphacid species with the *S. foliosa* + *S. spartinae* clade.