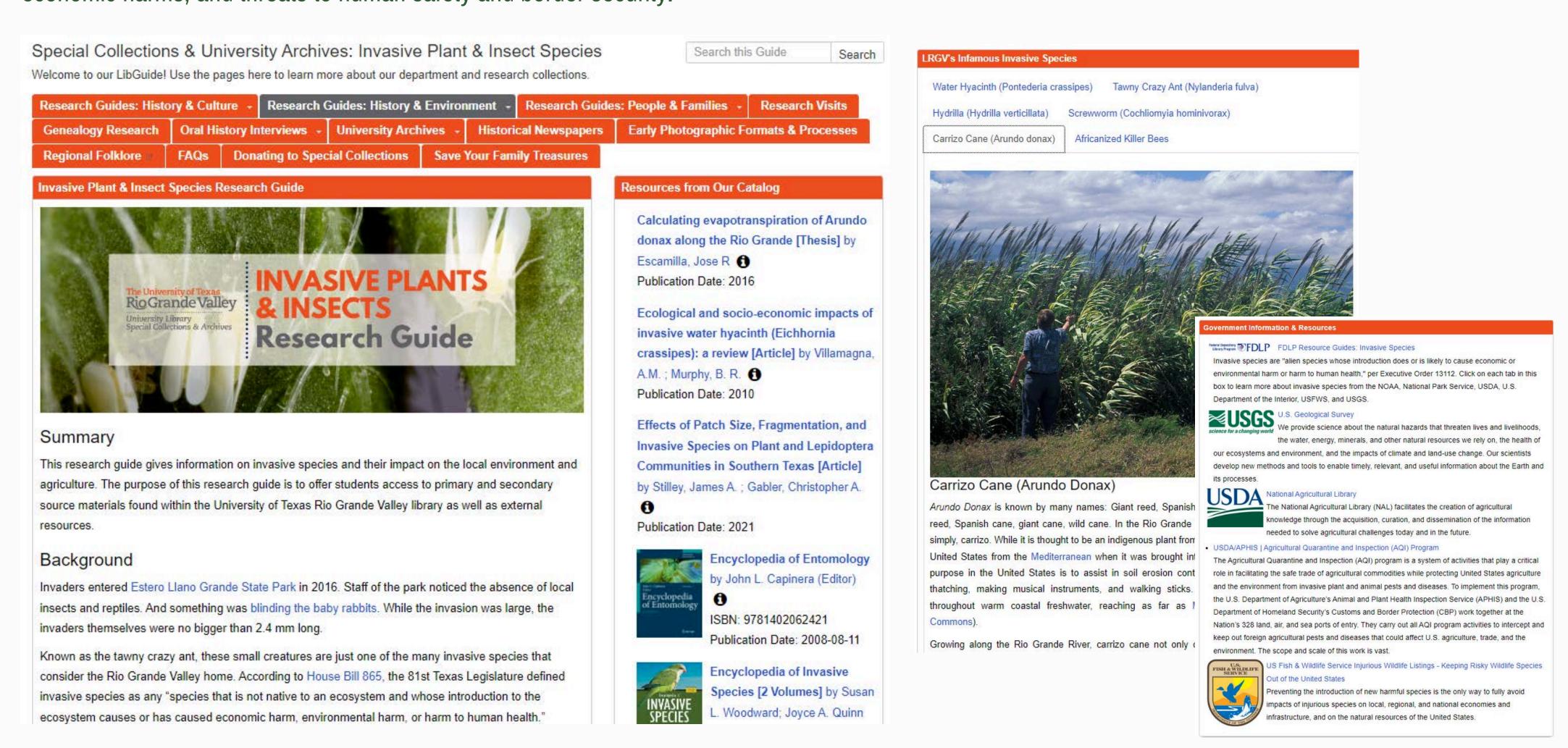


# Regional awareness of historical and ecological impacts of invasive species

# A Case for Highlighting Government Resources for Local History Research

### **ABSTRACT**

Historically the lower Rio Grande Valley of Texas has relied on agriculture for economic development as well as travel and tourism given its proximity to Mexico. UTRGV University Library Special Collections & Archives compiles research guides to facilitate access and discovery of relevant information and resources among our collections. Our Invasive Plant & Insect Species Research Guide is also intended to raise regional awareness of the historical impacts of invasive species on the local environment and agriculture, including the transformation of ecological landscapes, endangerment of native species, economic harms, and threats to human safety and border security.



Access the Invasive Plants & Insects Research Guide via https://utrgv.libguides.com/SCA/invasive



#### UTRGV PRIMARY & SECONDARY SOURCES

- Eligio "Kika" de la Garza Congressional Papers
- Rubén Hinojosa Congressional Papers
- Howard T. Dulmage Collection on USDA insect pathology research



## GOVERNMENT INFORMATION & DATA

- USDA National Agricultural Library
- FDLP Invasive Species Resource Guides
- USDA/APHIS | Agricultural Quarantine and Inspection (AQI) Program
- National Park Service: Invasive Species



#### ADDITIONAL GOVERNMENT RESOURCES

- USDA NAL "STOP Screwworms: Selection from the Screwworm Eradication Collection"
- Library of Congress blog, "The Life and Times of Boll Weevil," by Stephanie Hall.
- National Invasive Species Information Center:
  Africanized Honeybees

#### **RESEARCH GUIDES**

Why incorporate government resources into historical research guides? By including government documents in these guides, students have access to primary sources and reliable historical data to contextualize their research and understand trends.

### **EXPECTED OUTCOMES**

How will government resources help students and what will they learn? Government information expands students' understanding of legislative and policy changes by providing them with authoritative, open access data that tracks trends impacting regional agriculture, the economy, ecology, and social concerns. The resources also provide insight for communities and citizens potentially impacted by invasive species.

# **FUTURE OPPORTUNITIES**

- Expand current invasive species research guide to include mammalian and aquatic species.
- Solicit feedback from interdisciplinary faculty and researchers on other government resources for inclusion.
- Poll students on whether the research guides expanded their awareness of invasive species.