**Jeffrey D. Cluever**

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**Education**

Master of Science in Entomology May 2015

University of Florida, Gainesville, FL (GPA 3.59/4.00) Thesis: “Effect of insecticide regimes on control and composition of thrips in Florida strawberry”

Bachelor of Science in Horticultural Science, Emphasis in Organic Crop Production June 2012

University of Florida, Gainesville, FL, Cum Laude (GPA 3.93/4.00)

Associate of the Arts June 2010

St. John’s River Community College, Orange Park, FL, Summa Cum Laude (GPA 3.95/4.00)

**Research Experience**

Curatorial Intern May 2017-July 2017

Museum of Science and History, Collections Department, Jacksonville, FL

 -Took photographs of insect specimens in the collection

 -Assigned accession numbers to specimens

 -Entered data including the identity of specimen, locality of collection, and identity of collector into a computer data base

 -Designed demonstration script for an educational program

Laboratory Technician May- December 2015

University of Florida, Gulf Coast Research and Education Center Vegetable Entomology Lab, Wimauma, FL

 -Volunteered at outreach events involving school groups at the research station

 -Identified larval and adult thrips to species

 -Prepared slide mounts of both adult and larval thrips

-Took microphotographs of insect specimens

-Assisted in preparation and execution of extension presentations

-Created and designed extension publications (including factsheets, posters, and papers)

-Tabulated and analyzed data from multiple thrips trials using computer-based software

-Made mortality counts of whiteflies on tomato and sunflower leaves after exposure to various insecticides

-Made mortality counts of beneficial arthropods including *Phytoseiulus persimilis*, *Eretmocerus eremicus,* and *Encarsia Formosa* after exposure to various insecticides

-Assisted in taking yield data for tomato trial

Graduate Research Assistant January 2013-May 2015

University of Florida, Gulf Coast Research and Education Center Vegetable Entomology Lab, Gainesville and Wimauma, FL

-Volunteered at outreach events involving school groups at the research station

-Volunteered at the entomology department’s booth at the Florida State Fair

 -Prepared slide mounts of thrips adult specimens

 - Identified thrips specimens using dichotomous keys

-Took photographs of various insects for publication

 -Authored extension publications

 -Tabulated and analyzed data from multiple thrips trials using computer-based software

 -Designed, planned, and managed research plots (at three separate locations) (including

 starting transplants, transplanting, and installing irrigation systems)

 -Managed potted strawberry plants in a greenhouse

 -Collected thrips samples from strawberry flowers and

 -Presented results from thrips trial at a conference

 -Instructed and trained laboratory personnel on the proper procedures for mounting and

 identifying adult thrips specimens

Laboratory Intern May-June 2011 University of Florida, Olmstead Blueberry Lab, Gainesville, FL

 - Prepared blueberry samples for testing (macerated blueberries, used centrifuge to

 separate, and removed supernatant)

 - Took soluble sugar content with a refractometer

 - Tested titratable acidity with a titrator

**Publications and Presentations**

Cluever, J.D. 2017. “Demonstration Script for Using a Dichotomous Key”. Museum of Science and History, Jacksonville Florida.

Cluever, J.D., and H.A. Smith. 2017. A photo-based key of thrips (Thysanoptera) associated with horticultural crops in Florida. Florida Entomologist. 100: 454-467.

Cluever, J.D., H.A. Smith, C.A. Nagle, J.L. Capinera, J.E. Funderburk, and G. Frantz. 2016. Effect of insecticide rotations on density and species composition of thrips (Thysanoptera) in Florida strawberry (Rosales: Rosaceae). Florida Entomologist. 99: 203-209.

Cluever, J.D., H.A. Smith, J.E. Funderburk, and G. Frantz. 2016. Thrips species in south Florida pepper. Extension poster. <http://gcrec.ifas.ufl.edu/media/gcrecifasufledu/docs/pdf/Poster_Thrips_Species_Pepper.pdf>.

Cluever, J.D. and H.A. Smith. 2016. Pest identification guide: Chilli thrips *Scirtothrips dorsalis* Hood. University of Florida, Institute of Food and Agricultural Sciences, Electronic Data Information Service. <http://edis.ifas.ufl.edu/pdffiles/IN/IN112400.pdf>.

Cluever, J.D. and H.A. Smith. 2016. Pest identification guide, Common Blossom Thrips.University of Florida, Institute of Food and Agricultural Sciences, Electronic Data Information Service. <http://edis.ifas.ufl.edu/in1136>.

Cluever, J.D. and H.A. Smith. 2016. Pest identification guide: Eastern Flower thrips *Frankliniella tritici* (Fitch). University of Florida, Institute of Food and Agricultural Sciences, Electronic Data Information Service. <http://edis.ifas.ufl.edu/in1137>.

Cluever, J.D. and H.A. Smith. 2016. Pest identification guide: Florida flower thrips *Frankliniella bispinosa* (Morgan). University of Florida, Institute of Food and Agricultural Sciences, Electronic Data Information Service. <http://edis.ifas.ufl.edu/in1125>.

Cluever, J.D. and H.A. Smith. 2016. Pest identification guide: Melon Thrips *Thrips palmi* Karny. University of Florida, Institute of Food and Agricultural Sciences, Electronic Data Information Service. <http://edis.ifas.ufl.edu/IN1126>.

 Cluever, J.D. and H.A. Smith. 2016. Pest identification guide: Six-spotted thrips *Scolothrips sexmaculatus* (Pergande). University of Florida, Institute of Food and Agricultural Sciences, Electronic Data Information Service. <http://edis.ifas.ufl.edu/in1138>.

Cluever, J.D. and H.A. Smith. 2016. Pest identification guide: Tobacco thrips *Frankliniella fusca* (Hinds). University of Florida, Institute of Food and Agricultural Sciences, Electronic Data Information Service. <http://edis.ifas.ufl.edu/in1135>.

Cluever, J.D. and H.A. Smith. 2016. Pest identification guide: Western Flower Thrips *Frankliniella occidentalis* (Pergande). University of Florida, Institute of Food and Agricultural Sciences, Electronic Data Information Service. <http://edis.ifas.ufl.edu/in1127>.

Cluever, J.D., H.A. Smith, and J.L. Capinera. 2015. Entomological Society of America- Southeastern Branch, 2015 annual meeting. “Insecticide Regimes for the Control of *Frankliniella* Thrips in Central Florida Strawberry”, March 16, 2015. Biloxi, MS.

Cluever, J.D., H.A. Smith, J.L. Capinera, J.E. Funderburk, G. Frantz, and J.C. Medley. 2015. Thrips species in central Florida Strawberry. Extension Poster.

Cluever, J.D., H.A. Smith, J.E. Funderburk, and G. Frantz. 2015. Pest Identification Guide: Florida Flower Thrips *Frankliniella bispinosa* Morgan. Berry/Vegetable Times Fall. University of Florida Institute of Food and Agricultural Sciences Extension.15: 3-6.

Cluever, J.D., H.A Smith, J.E. Funderburk, and G. Frantz. 2015. Thrips in Florida strawberry Crops. Publication ENY-882. University of Florida, Institute of Food and Agricultural Sciences, Electronic Data Information Service. <http://edis.ifas.ufl.edu/in1078>.

Cluever, J.D., H.A. Smith, J.E. Funderburk, and G. Frantz. 2015. Western Flower Thrips (*Frankliniella occidentalis* [Pergande]). Publication ENY-883. University of Florida, Institute of Food and Agricultural Sciences, Electronic Data Information Service. <http://edis.ifas.ufl.edu/in1089>.

Cluever, J.D., H.A. Smith, J.L. Capinera. 2014. Annual Florida Agricultural Exposition. “Effect of different insecticide regimes on species composition of thrips in strawberry”, November 5, 2014. Wimauma, FL.

**Leadership**

St. John’s Community College, Nature Environment Club

 President September 2009- June 2010

 - Organized recycling initiative on campus by installing recycling bins

 - Organized fundraisers for club activities

 - Reclaimed campus nature trails in order to make them passable for students

 - Installed botanical signs on campus nature trails

Vice President September 2008- September 2009

 -Participated in 3 fundraisers for club activities

**Associations**

Entomological Society of America November 2014- Present University of Florida, Entomology and Nematology Student Organization January 2013- May 2015 University of Florida, Organic and Sustainable Agriculture Club August 2010- May 2012

Phi Theta Kappa Honor Society April 2009- August 2010

Orange Park Amateur Radio Club August 2008- Present

**Honors**

Dean’s list, University of Florida 2010-2012

President’s list, St. John’s River Community College 2008-2010

**Skills**

Proficient in the use of Adobe Photoshop and Acrobat professional; Microsoft Word, Excel, Publisher and, Power point; JMP-SAS

Proficient at photographing insects

Proficient at slide mounting

Proficient at identification of thrips