

# Distant Diagnostic and Identification System (DDIS)

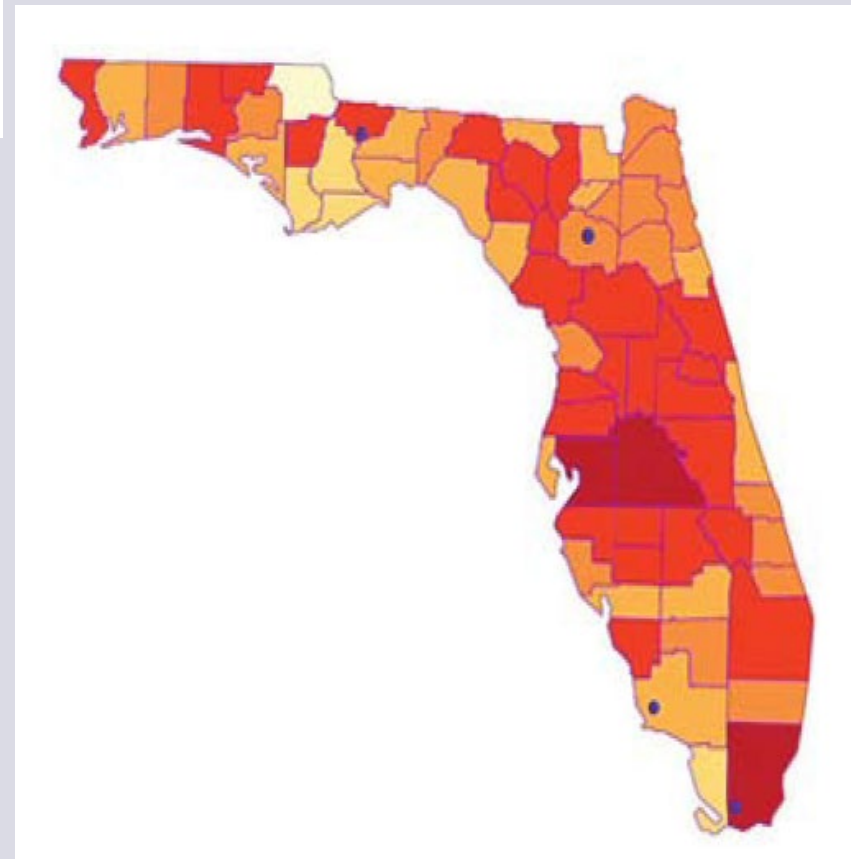


**FLORIDA FIRST DETECTOR**



# DDIS

**Distance Diagnostic and  
Identification System  
for Extension**



Observe a disorder or pest

**START here**  
▶▶



Take a digital picture



DDIS Website

<http://ddis.ifas.ufl.edu/ddisx/home.jsp>

Access the DDIS website



Send sample to a specialist



Online diagnosis by specialists

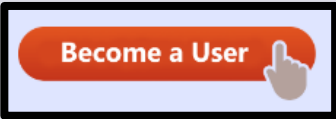


Report results to grower



# The DDIS Process

# How to Use DDIS

- Reach out to local county extension agent
- Navigate to: <https://ddis.ifas.ufl.edu/>
- Scroll down to the bottom of the page and select: 
- In “User Group” select Extension Clientele
- Input N/A for “IFAS Unit Name”
- Extension agent must approve user



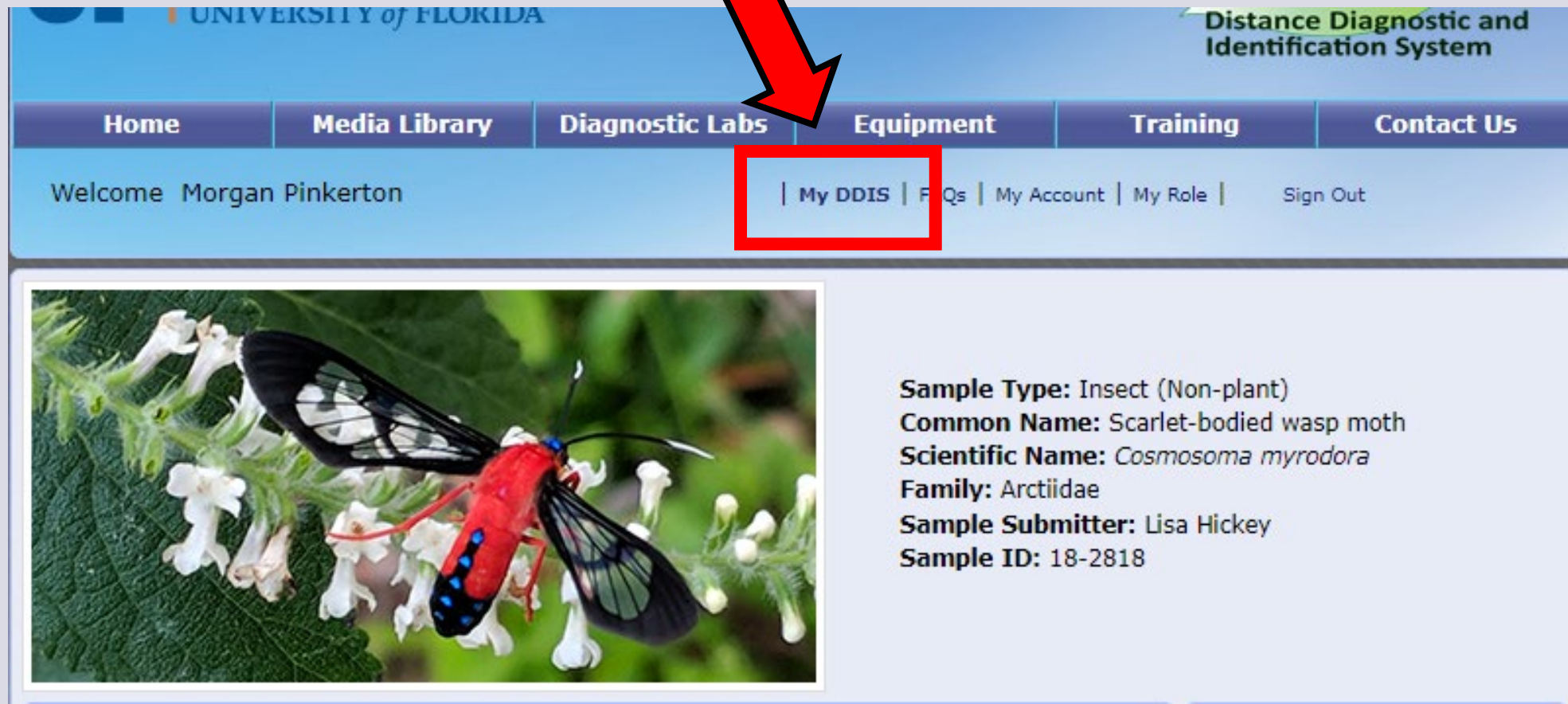
The screenshot shows the top navigation bar of the UF IFAS Extension website with links for Home, Media Library, Diagnostic Labs, Equipment, and T. Below the navigation bar, there are links for "Become a User" and "Forgot Your Password", and a search box labeled "user name". The main content area is titled "Become a DDIS User" and contains a registration form with the following fields:

- First name \*
- Last name \*
- User Group \* (dropdown menu with "Choose one" selected and a "What's this?" link)
- IFAS Unit Name (text input with "(enter N/A if not apply)" note)
- Address \*
- City \*
- State \* (dropdown menu with "FL" selected) and Zip \* (text input)
- User ID \* (text input with a "Check availability" button)
- Password \*
- Confirm password \*
- Phone (text input)

A red asterisk note on the right side of the form reads: "\* note as required field."

# How to Use DDIS

From the home page, Click “My DDIS” to begin the sample submission




UNIVERSITY of FLORIDA

Distance Diagnostic and Identification System

Home | Media Library | Diagnostic Labs | Equipment | Training | Contact Us

Welcome Morgan Pinkerton

[My DDIS](#) | [FAQs](#) | [My Account](#) | [My Role](#) | [Sign Out](#)



**Sample Type:** Insect (Non-plant)  
**Common Name:** Scarlet-bodied wasp moth  
**Scientific Name:** *Cosmosoma myrodora*  
**Family:** Arctiidae  
**Sample Submitter:** Lisa Hickey  
**Sample ID:** 18-2818

# How to Use DDIS

Click “Submit a Sample for Diagnosis”



## My Samples

1) Manage samples you have submitted. 2) View or revise submitted sample. 3) Perform diagnosis and identification. 4) Forward a sample to specialists. 5) Refer a sample to external specialists. 6) Send a sample to SPDN/NPDN.



## Submit a Sample for Diagnosis

Submit a sample to specialists, laboratories or clinics, external specialists or county extension agents in your county.

# How to Use DDIS: Select Sample Type (step 1 of 3)

- Select the sample type for submission
- Select multiple categories if not sure about the problem with the plant

**Submit a DDIS Sample, Step 1 of 3**

Select Sample Type    Fill Sample Data    Upload Digital Sample

If you are not sure which sample type to choose, you may select multiple sample types.

**Submit A New Sample**

**Select your sample type(s)**

- Plant Disease
- Insect (Plant)
- Insect (Non-plant)
- Plant/Weed
- Mushroom/Fungus
- Management/Physiology/Nutrient
- Livestock

Reset    Next->

# How to Use DDIS:

## Fill Sample Data (step 2 of 3)

Choose a Clinic or Specialist

Choose clinic(s) or specialist(s) by clicking on their name

County Extension Agent

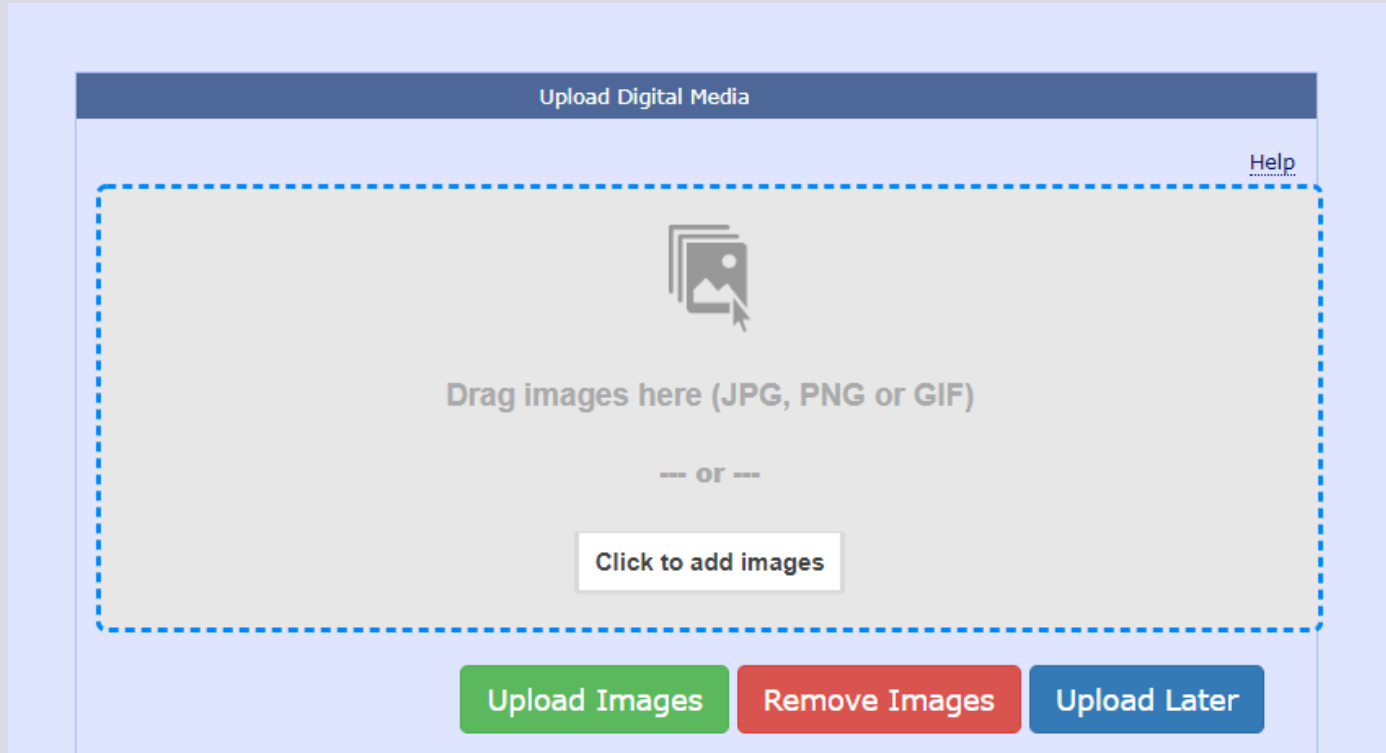
- Brooke Moffis
- Jamie Daugherty
- Juanita Popenoe
- Megan Brew
- Megan Mann

- Fill with Information based on sample type
- Name, address, locality
- GPS coordinates
- Extension agent
- Any additional information



# How to Use DDIS:

## Upload Digital Sample (step 3 of 3)



The last step:

- Add CLEAR images of the sample
- Can submit up to seven images

## DDIS How To

- ▶ [How do I register as a DDIS user?](#)
- ▶ [How do I find my user name/password?](#)
- ▶ [Where do I get IT related DDIS support?](#)
- ▶ [How do I submit a DDIS sample?](#)
- ▶ [How do I retrieve my sample?](#)
- ▶ [How do I make diagnosis or identification?](#)
- ▶ [How do I find samples I have submitted or diagnosed?](#)
- ▶ [How do I search DDIS samples?](#)
- ▶ [How do I update my account information?](#)
- ▶ [What's the maximum file size I can upload to the DDIS server?](#)
- ▶ [How do I reduce the size of an image file?](#)
- ▶ [How do I make changes for a submitted sample?](#)
- ▶ [How do I change a sample from "Public" to "Private" or vice versa?](#)

## Quick Links

[IFAS Diagnostic Services >>](#)



[DDIS Mobile >>](#)

[Meet Your Diagnosticians >>](#)

[Latest Pest Info >>](#)



[DDIS Brochure >>](#)

[Web Resources >>](#)

[Get GPS code >>](#)

## Support

[User Guidelines >>](#)

[DDIS How To and FAQs >>](#)

## DDIS FAQs

- ▶ What is DDIS and is DDIS a part of SPDN/NPDN?
- ▶ Does DDIS support iPad, iPhone or Android phones?
- ▶ Why can't I just attach a digital picture to e-mail and send it?
- ▶ I don't have a microscope. DDIS won't do me any good, will it?
- ▶ Why do I have to fill out so much information on the sample form?
- ▶ Who are DDIS users?
- ▶ Who can receive my sample?
- ▶ How can I tell whether my sample has gone to the specialist?
- ▶ What if I want to share a sample or a response with another agent?
- ▶ How many images should I submit?
- ▶ Does DDIS allow extension clientele in Florida to submit a sample?

# ID Resources

- IFAS EDIS and Featured Creature fact sheets
  - <http://edis.ifas.ufl.edu>; <https://entnemdept.ifas.ufl.edu/creatures/>
- IFAS Entomology Insect I.D. Lab – Lyle Buss
  - <http://entnemdept.ufl.edu/insectid/> ; [ljbuss@ufl.edu](mailto:ljbuss@ufl.edu); (352) 273-3933
- IFAS Nematode Diagnostic Lab – Dr. Billy Crow
  - <http://nematology.ifas.ufl.edu/assaylab/index.html> ; [NEMALAB@ifas.ufl.edu](mailto:NEMALAB@ifas.ufl.edu); (352) 392-1994
- IFAS UF/IFAS Plant Diagnostic Center - Dr. Carrie Harmon
  - <https://plantpath.ifas.ufl.edu/extension/plant-diagnostic-center/>; [pdc@ifas.ufl.edu](mailto:pdc@ifas.ufl.edu); (352) 392-1795
- Commodity-specific specialists around the state
  - <http://entomology.ifas.ufl.edu/extension/>; <http://entomology.ifas.ufl.edu/people-directory/>

# UF/IFAS Resources

- EDIS – Online Publications on Vegetable Production & Diseases
- UF/IFAS Faculty – Gainesville campus
  - Plant Pathology Department
  - Horticultural Sciences Department
  - Entomology and Nematology Department
  - Center for Organic Agriculture
- UF/IFAS Extension & Research Faculty – County & REC vegetable specialists

# Find More Information At:

<https://entnemdept.ufl.edu/ffd/>



# Lab Team

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## **Collaborating Agencies**

- U.S. Department of Agriculture Animal and Plant Health Inspection Service (USDA-APHIS)
- Cooperative Agricultural Pest Survey Program (CAPS)
- Florida Department of Agriculture and Consumer Services (FDACS)
- National Plant Diagnostic Network (NPDN)
- Sentinel Plant Network (SPN)
- University of Florida Institute of Food and Agricultural Sciences (UF-IFAS)
- Protect U.S.



# Educational Disclaimer and Citation

- This presentation can be used for educational purposes for NON-PROFIT workshops, trainings, etc.
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