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Online Training Available

<https://pmu.ifas.ufl.edu/>

<https://eces.ifas.ufl.edu/>

Additional Resources

University of Florida
Extension Publications
<http://edis.ifas.ufl.edu/>

Pest Management in and
Around Structures

<http://www.eXtension.org/>

PMU Focus - It's official! The common name for *Nylanderia fulva* is the "tawny crazy ant"

On April 22, 2013, proposal authors David Oi and Dietrich Gotzek were notified that the Entomological Society of America's Committee on Common Names of Insects and the ESA Governing Board approved the use of "tawny crazy ant" to be the common name for the species *Nylanderia fulva*. This ant was misidentified as *N. pubens* and has been called the Caribbean, Raspberry (in Texas), hairy, and brown crazy ant. From now on, please use the tawny crazy ant designation when referring to *N. fulva*.

Crazy Ants

By [Michael Bentley](#)

The key to any effective ant control program is good preparation and review. In our last issue, we covered fire ants. This issue will focus on basic biology and control tips for Crazy Ants.

Ant review:

- Ants are social insects and live in colonies, so eliminating just a few will not take care of an infestation.
- Trailing [pheromones](#) are what ants use to locate and return to food. This makes them the key to successful baiting strategies!
- [Trophallaxis](#) is the act of regurgitating food to other ants. This is how bait is shared throughout a colony.

Crazy Ants:

- Two common species in Florida: black crazy ant (*Paratrechina longicornis*) (Fig 1) and tawny crazy ant (*Nylanderia fulva*) (Fig 2).
- Both workers share same erratic movement, long legs and long antenna, and biology.
- Not capable of stinging, but colony numbers can become

so large they can cause electrical damage and overwhelm residential areas

- Colonies are [polygyne](#), containing multiple queens. Preferred nesting sites are high humidity, leaf litter environments.
- Best control strategies include reducing clutter to eliminate harborage sites. Baits (liquid and granular) are effective in decreasing populations for the tawny crazy ant, however, populations are so large in some areas, it will be important to ensure there is a constant, palatable source available. Spraying alone will generally last 2-3 days only.

For additional information on crazy ants and photos below, click [here](#) and [here](#) Upcoming issues will include information on Ghost Ants.



Fig 1: Adult Black Crazy Ant.



Fig 2: Tawny Crazy Ant.

Upcoming Training Opportunities:

Summary

Click on highlighted course titles for more information or to register.

May 29-31; [GHP Foundations](#)

May; "[Landscape IPM: Ornamentals and Turf](#)" toward LMA certification through UF

June 14; [Termite Basics](#)

Jun 28; [Bed Bug Management](#)

July 11, [GHP Basics](#)

Must advance through Foundations to qualify for these courses:

Oct 16-18; [GHP Masters](#)

Oct 18; 1 pm; GHP state exam (must also meet state requirement)

Nov 13-15; [Termite Masters](#)

Nov 15; Termite and WDO exam (must also meet state requirement)

Must advance through Foundations and Masters for qualify

for this course
Dec 4-6; GHP Expert

MAY OFFERINGS

Foundations of General Household Pest Management 101

Pest control matters. Cockroach allergen mitigation can be achieved with IPM. Class duration: 2.5 days.

- Study domestic and peridomestic cockroach species and how to control them as well as rodent, small fly, filth fly, fire ant and nuisance ant management.
- Review the labels of commonly used GHP products, practice pest inspections at PMU's house and develop treatment strategies focused on IPM.
- Do a vehicle inspection and spill drill with Paul Mitola from DACS.

Date: May 29-31, 2013; W-F

Registration Deadline: May 24, Friday

Place: UF/IFAS Apopka MREC

Time: 8 AM-5 PM (W, TH); 8 AM-12 PM (F)

Cost: \$350

[Register here](#)

New Course Offered Through UF!

Landscape IPM: Ornamentals and Turf

Starting May 2013, take your first steps toward getting a certificate or becoming LMA certified! A new three credit course will be offered starting May 2013 at the University of Florida (UF). The course is called "[Landscape IPM: Ornamentals and Turf](#)" and is course number IPM 4254. This course will be offered for UF credit and will be available for students that are enrolled at UF or for people outside UF that are interested in the material. UF will offer the course this summer (2013) and it will be available 100% online. You must have computer and internet access to take this class. This course is for UF juniors and seniors and landscape and pest management supervisors and owners.

This course will be used as a measure for LMA Certification. The LMA will offer students who pass this class (with an A or a B) the opportunity to become LMA Certified without additional testing since they will be tested as part of the course. This course will also count towards a UF Certificate in Landscape Pest Management. Learn more about the UF distance program, including costs and how to register-

<http://entnemdept.ufl.edu/academics/distance/>

To register for this course please complete a Non-degree Registration Request at the following website: <http://www.isis.ufl.edu/cgi-bin/eaglec?MDASTRAN=nda-intro>

You will need to fill out some personal information on the form and the following course information:

- Select Year and Term of Registration: 2013 Summer A/C (May)
- College: THE COLLEGE OF AGRICULTURAL AND LIFE SCIENCES – Entomology Undergrad Distance Courses
- Course Information: Prefix- IPM, number - 4254

If you have trouble filling out this form and registering for the course please contact Ms. Ruth Brumbaugh, Entomology and Nematology Department Student Services Coordinator. Phone: 352-273-3912 Email: brumbaug@ufl.edu .

If you would like more information about the course please contact the course instructor Dr. Jennifer L. Gillett-Kaufman Phone: (352)273-3950 Email: gillett@ufl.edu . She cannot help you with registration and will forward all registration requests to Ms. Brumbaugh.

JUNE OFFERINGS

Termite Basics 100

This one-day class is geared for the brand new technician, sales or office staff.

- Learn about the general Florida Statute 482 requirements for technicians and sales staff.
- Be introduced to basic termite biology and behavior in the context of structural infestations.
- Learn to determine different slab types in the field and the common ways termites enter structures
- Practice basic methods for treatment

Date: June 14, 2013; Friday

Registration Deadline: June 7, Friday

Place: UF/IFAS Apopka MREC

Time: 8 AM-5 PM

Cost: \$150

[Register here](#)

Bed Bug Management 102

This intensive course in bed bug management covers non-chemical and chemical methods of control, including a brief overview of fumigation. Learn about bed bug biology and behavior in relation to resistance management. Practice

inspection techniques at PMU's house and observe a canine inspection.

Date: June 28, 2013; Friday

Registration Deadline: June 21, Friday

Place: UF/IFAS Apopka MREC

Time: 8 AM-5 PM

Cost: \$150

[Register here](#)

JULY OFFERINGS

GHP Basics 100

This one-day class is geared for the new technician, sales or office staff.

- Learn about the general Florida Statute 482 requirements for technicians and sales
- Learn the basics concepts Integrated Pest Management
- Learn how to monitor and make decisions about treatment

Learn how food sources, harborage, and water sources play a role in infestation and management using ants and cockroaches as examples.

Date: July 11, 2013; THURSDAY

Registration Deadline: July 5, Friday

Place: UF/IFAS Apopka MREC

Time: 8 AM-5 PM

Cost: \$150

[Register here](#)

Learn more from IFAS



- UF/IFAS has Extension Offices in each of Florida's sixty-seven counties. We also have twelve Research and Education Centers and Research and Demonstration Sites (RDSs).
- If you need help a great place to start is your local County Extension Office. With an office located in every county it has never been easier to partner with the University of Florida and your local County Government. To find the office near you please visit:
<http://solutionsforyourlife.ufl.edu/map/>