



Educating with Extension

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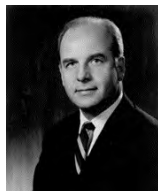
UF/IFAS Extension Monroe County

March 2017

Test Your Earth Day Knowledge

By Dawn Thomas, Extension Coordinator

- Earth Day was founded by:
 - a U.S. Senator from Wisconsin
 - the U.S. president at the time
 - a singer, musician, activist
 - The United Nations
- The year of the very first Earth Day was:
 - 1969
 - 1970
 - 1971
 - 1972
 - 1973
 - 1974
- Earth Day is celebrated on:
 - March 20
 - April 20
 - April 22
 - May 21
 - May 31
- How many Americans participated in the first Earth Day?
 - 10 million
 - 15 million
 - 20 million
 - one billion
- Issues people were protesting about at the time were:
 - oil spills
 - raw sewage
 - toxic dumps
 - polluting factories and power plants
 - pesticides
 - freeways
 - loss of wilderness
 - extinction of wildlife
 - all of the above
 - some of the above
 - none of the above
- Who designed the Earth Day Ecology Flag on the left? (Not to be confused with the Earth Day Flag on the right.)



- John Muir, founder of the Sierra Club
 - 16-year-old Betsy Vogel, an environmental advocate and social activist from Shreveport, LA
 - Cartoonist Ron Cobb
 - John McConnell, peace activist
- What was the name of the organization that launched the famous Crying Indian advertising campaign?
 - American Indian Association
 - Keep America Beautiful
 - U.S. Department of Environmental Protection
 - The United Nations
 - In what year did #7 above take place?
 - 1969
 - 1970
 - 1971
 - 1972
 - 1973
 - 1974
 - What is the theme for 2017 Earth Day?
 - A Billion Acts of Green
 - The Face of Climate Change
 - Environmental and Climate Literacy
 - No theme

When we think about the next big push for action on climate change, we think back to the late summer of 1969, just before Senator Gaylord Nelson (D-Wisconsin) vowed to organize a nationwide environmental teach-in.

At the time, the United States did not really have an environmental movement. Grassroots activism was limited and often without publicity. Polls showed that most Americans were concerned about pollution, but the issue was not a priority. The federal government had not yet acted boldly to clean up the nation's air and water.

Nelson's resolve changed everything. His teach-in became the first Earth Day (April 22, 1970) - the biggest demonstration in U.S. history. Local organizers planned more than 12,000 events that drew 20 million people. Politicians took notice: Earth Day prompted a landmark series of government actions, i.e., the creation of the Environmental Protection Agency to the passage of the Clean Air Act. Thousands of people decided to devote their lives to all kinds of environmental causes.

A way to celebrate Earth Day for cartoonist Ron Cobb was to create an Earth Day Ecology Flag. A peace activist, John McConnell, designed and created the Earth Day Flag as his way to recognize the cause.

In 1971 the Keep America Beautiful organization created the famous Crying Indian campaign to bring attention to Earth Day and environmental issues. It was a very successful ad campaign that had a significant impact on many Americans who connected with the message.

2017 Earth Day theme: Environmental and Climate Literacy

Education is the foundation for progress. Before we can solve the grim environmental threats of the 21st century, we need to build a global population knowledgeable in environmental science and fluent in local and global ecological issues. We must build a global community confident in the ideas of climate change and awareness of its unprecedented threat to the planet. We need to empower everyone with the knowledge to inspire action in defense of environmental protection.

Here are some websites to check out:

- ◆ earthday.org
- ◆ epa.gov/earthday
- ◆ kab.org
- ◆ nelsonearthday.net
- ◆ history.com/topics/earth-day

Answers to Quiz

- a. Senator Gaylord Nelson
- b. 1970
- c. April 22
- c. 20 million
- i. all of the above
- c. cartoonist Ron Cobb
- b. Keep America Beautiful
- c. 1971
- c. Environmental and Climate Literacy

Horticulture News

Kim Gabel



Kim recently accomplished the following activities:

- Spoke about composting at the Green Living & Energy Education (GLEE) meeting at Grimal Grove. Forty-five people were in attendance.
- Was invited to speak to the Venture Out Landscape Committee about environmentally friendly landscaping. Twenty-five members were in attendance.
- Participated in Family Science Night at Ocean Reef School by setting up a "How Insects Feed" booth. One Master Gardener assisted by answering questions for 63 youth and adults.
- Set up an environmental horticulture booth at the Outdoor Festival at Crocodile Lake National Wildlife Refuge in Key Largo. Two Master Gardeners helped answer questions about insects for 98 clientele.
- Set up an environmental horticulture booth at the Outdoor Festival at Big Pine Key Community Park. One Master Gardener helped answer questions about insects for 86 clientele.
- Held six regional plant clinics with 12 Master Gardeners assisting 30 clients.
- Proctored two CORE, two Public Health, and two Structural pesticide exams.
- Spoke on US 1 Radio's Morning Magazine about preparing landscapes for the summer for people who are heading back up north in April.

Mark Your Calendar

35th Annual Florida Master Gardener Conference | October 15-18, 2017
St. Johns County Convention Center
Renaissance World Golf Village
St. Augustine, FL

More info coming soon.



Regional Plant Clinics

Kim Gabel and the Monroe County Master Gardeners are ready, willing, and able to help you with your plant problems or insect identification at the following locations:

KEY WEST

Gato Building / Extension Office
1100 Simonton Street, #2-260
1:00 to 4:00 p.m.
April 3 & 17

BIG PINE KEY

April Plant Clinic is cancelled because of Easter weekend

MARATHON

April Plant Clinic is cancelled because of Easter weekend

KEY LARGO

Murray E. Nelson Government & Cultural Center / Extension Office
102050 Overseas Hwy., #244
9:00 a.m. to 12 noon
April 5 & 19

Can you identify this insect?



No, it's not a ladybug.

Photo by
James Castner, UF

Hints:

- It likes to eat sweet potato and other morning glories.
- It can be found in Broward, Miami-Dade and Monroe counties.
- *Chelymorpha cribraria* (Fabricius)

Answer on page 4 or at
http://entnemdept.ufl.edu/creatures/veg/potato/tortoise_beetle.htm



Marine
News
Shelly
Krueger

Shelly recently accomplished the following activities:

- Spoke at the Key West Garden Club about shallow-water sponges. Fifty-five members were in attendance.
- Organized and co-hosted, along with The Nature Conservancy, the 2017 Shallow-Water Sponge Restoration Forum on March 9 in Marathon. Presentations by Dr. Mark Butler, Marla Valentine, Dr. Shirley Pomponi, and Elliott Hart were included. Forty-five people came to participate in the Forum.
- Along with Dr. Lisa Krimsky, organized and taught the Water Watch In-Service Professional Development Training to ten Florida Sea Grant



agents to spread the volunteer water quality monitoring program throughout coastal Florida.

- Participated in the Gulf Council Coral Amendment 7 webinar, which is to expand the boundaries of the Pulley Ridge habitat area of particular concern.
- Had a Facetime interview with a high school student from Ohio regarding how to become a marine biologist.
- Was presented the Beyond Borders Award for Excellence in developing a water quality monitoring program outside the state of Georgia by Georgia Adopt-A-Stream at the annual Confluence conference.
- Spoke on US 1 Radio's "Morning Magazine" about the Shallow-Water Sponge Restoration Forum.



Family and Community Development News

Alicia Betancourt

Alicia recently accomplished the following activities:

- Coordinated the March 20 [Monroe County Climate Change Advisory Committee](#) meeting where approval for a request to consider solar feasibility for the new Cudjoe Key fire station will be sent to the BOCC.
- Collaborated with Extension Administration and Monroe County Administration to quantify local Sea Grant efforts and to develop a resolution to request support for Florida Sea Grant funding.
- Worked on a Program for Public Information (PPI) team whose main objective is to develop and deliver unified messages to affected residents and businesses so they will take actions to reduce their exposure to property damage and the danger caused by flooding.

One important floodplain management program is the National Flood Insurance Program (NFIP) and its Community Rating System (CRS). Four communities participate in the CRS: Monroe County, Islamorada, Marathon, and Key West. In 2016, these communities agreed that, given the unique flooding hazards in the Florida Keys, enhanced and uniform communications are critical elements in saving lives and avoiding property damage.

The PPI was organized following a step-by-step process encouraged by the CRS and if adopted, communities receive CRS points for following the program.

- Spoke on US 1 Radio's "Morning Magazine" and WFFG 1300 AM about environmental purchase policies (EPP). What are EPPs? They are also known as green purchasing or sustainable purchasing which is the obtaining of goods and services that cause less harm to humans and the environment than competing goods and services that serve the same purpose.

April Happenings

Native Plant Day

Saturday, April 1
9:00 a.m. - 1:00 p.m.

John Pennekamp Coral Reef State Park
MM 102.5, Oceanside, Key Largo

GLEE Speaker Event

Wednesday, April 5, 5:30 - 7:30 p.m.
Bottlecap Bar, 1128 Simonton St., KW
keysglee.com

Migration Mania & Egg Hunt 2017

Saturday, April 8
10:00 a.m. - 2:00 p.m.
Key West Tropical Forest
& Botanical Garden
5210 College Road, Stock Island
kwbgs.org 305-296-1504

Key West Reverie

Key West Garden Club
1100 Atlantic Blvd.
April 13-15
keywestgardenclub.com

Florida Keys Day

Tuesday, April 18
Tallahassee, FL

Ocean Life Series

A Last Stand: Ecology and
Conservation of the Smalltooth Sawfish
in Southern Florida
Friday, April 21, 7:00 p.m.
Murray E. Nelson Government &
Cultural Center
102050 Overseas Highway
MM 102, Key Largo

Bahia Honda Earth Day

Saturday, April 22
10:00 a.m. - 2:00 p.m.
36850 Overseas Highway, BPK
305-872-9807

Monroe County Climate Change Advisory Committee Meeting

Monday, April 24
12:30 - 4:00 p.m.
Marathon Government Center
2nd floor - EOC meeting room
2798 Overseas Highway, Marathon

Economic Resource Development News Harry Crissy

Harry recently accomplished the following activities:

- Met with the Executive Director of the Florida Keys Commercial Fishermen's Association to discuss outcomes of the Florida Keys Seafood Festival.
- Presented outcomes of the Florida Keys Seafood Festival to the Monroe County Tourist Development Council.
- Worked individually with local entrepreneurs to strengthen initiatives, reduce risk, and increase revenue. Met with three individuals (one on three occasions) in order to clarify missions and to connect one directly with clients.
- Worked in groups with local entrepreneurs to ensure that they have knowledge of their financial statements within their business plan and to improve marketing capabilities.
- Collaborated with two land-grant universities (University of Florida and Clemson University) to initiate a partnership for low-cost housing technology using a method created at Clemson University.
- Worked to install a low-cost demonstration commercial kitchen facility on the University of Florida campus to offer alternative strategies to communities with few resources.
- Attended a board meeting and a committee meeting for the Key West Tropical Forest & Botanical Garden Society.
- Participated in the Community Foundation of the Florida Keys Leadership Success Academy.
- Presented the strategic use of Geographic Information Systems data for the United States Department of Agriculture's "Local Food Systems Toolbox" workshop.
- Worked with local commercial fishermen to address flooding issues at their facilities.
- Spoke on US 1 Radio's "Morning Magazine" about market research resources and available accessible data for business operations.

Announcement: There are three (3) vacant seats on the Monroe County Climate Change Advisory Committee. If you are interested, please e-mail Alicia at betancourt-alicia@monroecounty-fl.gov.

UF/IFAS/MONROE COUNTY EXTENSION

1100 Simonton Street, Suite 2-260, Key West, FL 33040
102050 Overseas Hwy., Suite 244, Key Largo, FL 33037

KW Phone: 305-292-4501 KL Phone: 305-453-8747
KW Fax: 305-292-4415 KL Fax: 305-453-8749

General e-mail: monroe@ifas.ufl.edu
Newsletter Editor: Dawn Thomas, Extension Coordinator
This newsletter can be accessed online at:
<http://monroe.ifas.ufl.edu/newsletter.shtml>

County Extension Director: Alicia Betancourt



We're on the Web at <http://monroe.ifas.ufl.edu>



on Facebook



Twitter



<http://SolutionsForYourLife.ufl.edu>

An Equal Opportunity Institution. UF/IFAS Extension, University of Florida, Institute of Food and Agricultural Sciences, Nick T. Place, dean for UF/IFAS Extension.

Single copies of UF/IFAS Extension publications (excluding 4-H and youth publications) are available free to Florida residents from county UF/IFAS Extension offices.

EDIS Publications

Coconut Oil: A Heart Healthy Fat?

There are many claims about the health benefits of coconut oil. But what is the evidence behind these health claims? Read this 5-page fact sheet to learn more about coconut oil and how it might affect heart health. <http://edis.ifas.ufl.edu/fs289>

Preventing Foodborne Illness: E. coli O157:H7

This 7-page fact sheet discusses the common food-borne pathogen E. coli O157:H7, especially as it concerns food handlers, processors and retailers. <http://edis.ifas.ufl.edu/fs097>

Managing Scale Insects and Mealybugs on Turfgrass

This 8-page fact sheet describes the types of scale insects and mealybugs that can become pests in turf, explains the damage they do, and lists management techniques to control them. <http://edis.ifas.ufl.edu/in1166>



Dimargarodes meridionalis
adult female

Picture by
Lyle Buss, UF/IFAS



Sunday, April 15

WHO SAID IT?

Match the famous quote with the person listed below.

- Easter is very important to me, it's a second chance.
- I'm Jewish, so I don't know much about Easter eggs.
- Do not abandon yourselves to despair. We are the Easter people and hallelujah is our song.
- Somehow we just don't make the same boisterous fun of Holy Week that we do of Christmas. No one plans to have a holly, jolly Easter. brainyquote.com

a. Frederica Mathewes-Green, author, 1952-
https://en.wikipedia.org/wiki/Frederica_Mathewes-Green

b. Pope John Paul II, 1920-2005
https://en.wikipedia.org/wiki/Pope_John_Paul_II

c. Reba McEntire, singer/songwriter, 1955-
https://en.wikipedia.org/wiki/Reba_McEntire

d. Simon Kinberg, screenwriter/film producer, 1973-
https://en.wikipedia.org/wiki/Simon_Kinberg



- Answers**
- c. Reba McEntire
 - d. Simon Kinberg
 - b. Pope John Paul II
 - a. Frederica Mathewes-Green

UF/IFAS/MCES QUARTERLY CONTACTS

	Jan	Feb	Mar	Total
Phone calls	204	186	185	575
Office visitors	24	46	41	111
Visits to clients	15	22	20	57
Learning events	39	34	42	115
Participants	530	544	668	1742
Media submissions	5	5	5	15
Publications distributed	488	573	639	1700
TOTAL contacts	1305	1410	1600	4315