



## OCTOBER 2021

Join Lyonia Environmental Center staff for a series of virtual programs and outdoor adventures that focus on Volusia County's native plants and wildlife.

### VIRTUAL PROGRAMS

Explore Volusia County's native plants and wildlife from the comfort of your home. LEC staff and guest speakers will present these fun and informative programs. An online link will be provided upon registration.

### OUTDOOR ADVENTURES

Explore the untamed habitat of Lyonia Preserve during free hikes led by LEC staff. This 360-acre preserve is home to native plants and abundant wildlife, including the Florida scrub jay and gopher tortoise. Wear closed-toe shoes, bring drinking water, and be prepared to hike on sugar sand trails.

### RESERVATIONS

**Reservations are required.**  
Call 386-789-7207, ext. #21028.

### Lyonia Environmental Center

2150 Eustace Ave. • Deltona, FL 32720  
386-789-7207, ext. #21028  
[www.LyoniaPreserve.com](http://www.LyoniaPreserve.com)



through Lyonia Preserve, allowing participants to take their time, breathe deeply, engage their senses, and be present in the moment.

### CONNECT WITH NATURE

**10 to 11:30 a.m.**  
**Saturday, Oct. 2**

**OUTDOOR:** Spending time in nature can improve mental health, boost immunity and lower stress level. LEC staff will lead a leisurely stroll



monarch's life cycle, anatomy and migratory habits, along with the best location to witness the incredible phenomenon.

### MIGRATING MONARCHS

**1:30 to 2:30 p.m.**  
**Saturday, Oct. 2**

**VIRTUAL:** As fall arrives, monarch butterflies can travel up to 3,000 miles to reach their overwintering grounds. LEC staff will discuss the

### UPCYCLED GARDENS



tips during this virtual presentation.

**1:30 to 2:30 p.m.**  
**Sunday, Oct. 3**

**VIRTUAL:** Gather some unused household items and get ready to turn them into decorative garden pieces. Environmental specialists will guide you by providing handy



## FLORIDA FLASHBACK

**9:30 to 11 a.m.**  
**Sunday, Oct. 9**

**OUTDOOR:** Take a trip down Florida's memory lane, while hiking through Lyonia Preserve to learn about the ancient beach it once was. Staff will also explain what life was like for the northern and central Florida Native Americans known as the Timucuan and their village Nocoroco, which is a preserved site in Volusia County.



## JEWELS OF THE OCEAN: SEA GLASS

**2 to 3 p.m.**  
**Saturday, Oct. 9**

**VIRTUAL:** Broken glass tumbled by waves, rocks and sand can become an ocean jewel known as sea glass. Learn about the rarest colors of sea glass, pick up some tips for hunting, and discover the best Florida beaches to find these treasures. Staff will provide an ingredient list and explain how to make edible sea glass candy.



## PLANT FOR BEES

**10 to 11 a.m.**  
**Sunday, Oct. 10**

**VIRTUAL:** Master Beekeeper Marlin Athearn will share fun facts about Florida's native bees and their important role as pollinators for our food supply. Athearn, owner of Marlin's Bees, will also discuss some native plants that are beneficial to bees and their population.



## TROUBLESHOOTING TURFGRASS

**1:30 to 2:30 p.m.**  
**Sunday, Oct. 10**

**VIRTUAL:** Brittany Council-Morton, an urban horticulture agent with the University of Florida/Volusia County Extension, will explain how to identify lawn turf and scout for insects. She will also discuss common turf grass diseases and provide a set of procedures for individualized care and maintenance.



## CAMOUFLAGE IN NATURE

**9 to 10:30 a.m.**  
**Saturday, Oct. 16**

**OUTDOOR:** 9 to 10:30 a.m. Saturday, Oct. 16. Learn about the different types of camouflage animals use during this exploratory hike of Lyonia Preserve. Hikers will test their observation skills to see if they can spot any camouflaged animals.



## BIRD BRANIACS

**1 to 2 p.m.**  
**Saturday, Oct. 16**

**VIRTUAL:** Ravens, jays and crows are part of the Corvidae family of birds. They're some of the smartest birds on the planet. For example, crows can determine cause and effect, and they hold "funerals" for their dead. Learn about Lyonia's favorite corvid – the Florida scrub jay – and many other highly intelligent species from this amazing family of birds.



## WETLAND HIKE

**9 to 10:30 a.m.**  
**Sunday, Oct. 17**

**OUTDOOR:** Lyonia Preserve is home to two ephemeral wetlands. Join a guided hike to both of these areas to compare the plants found there to those in nearby upland habitats. Staff will explain the importance of wetlands in Volusia County's conservation lands.



## DOWN BY THE RIVERSIDE

**2 to 3 p.m.**  
**Sunday, Oct. 17**

**VIRTUAL:** Volusia County has three freshwater rivers – the St. Johns and Tomoka rivers and Spruce Creek, which is considered a blackwater river. Learn about the history of these waterways, the flora and fauna that can be found there, and some great recreational opportunities.





## REPTILE RENDEZVOUS

3 to 4 p.m.  
Thursday, Oct. 21

**VIRTUAL:** LEC staff will show off some of their reptile animal ambassadors and explain what they eat, where they live, the adaptations they use, and the important roles they play in their ecosystem. This program is recommended for families and children of all ages.



## PLUG INTO NATURE

9:30 to 10:30 a.m.  
Saturday, Oct. 23

**OUTDOOR:** Earn badges while learning about Volusia County's wildlife. Staff will introduce participants to iNaturalist, a free app used globally to discover and document wild plants and animals. They will go over the basics and lead a walk to get users comfortable with the program in Lyonia Preserve.



## GARDENING FOR BATS

1:30 to 2:30 p.m.  
Saturday, Oct. 23

**VIRTUAL:** Bats are great assets in back yards and gardens. Their favorite meals include moths and beetles; by planting flowers that bloom at night, you'll help attract these insects and provide a nutritious meal for beneficial bats. LEC staff will share tips for creating an inviting habitat for bats and identify some of the plants that may attract them. One participant will win a bat box.



## SUNDAY SOUNDWALK

11 a.m. to noon  
Sunday, Oct. 24

**OUTDOOR:** Listen to the environment as staff from the Atlantic Center for the Arts leads a walk through Lyonia Preserve. The group will observe the sounds of the preserve while taking in all nature has to offer. Participating in a soundwalk can help people relieve stress, gain focus, and develop a deeper understanding of how we fit into our environment.



## GO WITH THE FLOW

1:30 to 2:30 p.m.  
Sunday, Oct. 24

**VIRTUAL:** Learn about the water cycle as staff guides you through some water-related experiments and activities. This program is recommended for children ages 7-12.



## BATTY ABOUT BATS

3 to 4 p.m.  
Wednesday, Oct. 27

**VIRTUAL:** Did you know there are more than 1,400 species of bats worldwide? Celebrate National Bat Week by learning fun facts about this important species and their role in our ecosystem. This program is recommended for families and children ages 7-12.



## ECO-HALLOWEEN HIKE

10:30 to 11:30 a.m.  
Saturday, Oct. 30

**OUTDOOR:** Adults and kids can put on their environmental thinking caps, engage their creativity and dress in their best eco-themed costumes for a guided hike through Lyonia Preserve. Staff will discuss important environmentalists during a hike to the preserve's wetland. Participants will receive treats. Prizes will be awarded for the best costumes.



## GHOULS OF THE DEEP

1:30 to 2:30 p.m.  
Saturday, Oct. 30

**VIRTUAL:** Descend into the deepest depths of the ocean and learn about goblins, vampires, vipers and other creepy creatures that inhabit this icy cold abyss. Much of this area is still a mystery to researchers. What else could lurk below?

*Pictured above is the eerie vampire squid.*



## **HALLOWEEN AMONG THE TREES**

**10 to 11:30 a.m.  
Sunday, Oct. 31**

**OUTDOOR:** Parents can bring their little goblins to enjoy a

non-spooky adventure that includes crafts and encounters with the LEC's scaly reptile ambassadors. Participants will search for creepy, crawling creature tracks along the trails of Lyonia Preserve. Afterward, friendly costumed characters will hand out treats while the group explores the pollinator garden.



## **VAMPIRES OF THE INSECT WORLD**

**1:30 to 2:30 p.m.  
Sunday, Oct. 31**

**VIRTUAL:** Did you know the insect world includes

vampires? Staff will share interesting tales about blood-sucking insects, including mosquitoes, ticks and fleas. They'll also provide tips on protecting yourself from their bite.



## **SCRUB STROLLS**

**9 to 10 a.m.  
Every Monday in October**

**OUTDOOR:** Volunteers will lead these exploratory hikes through Lyonia Preserve.

## **CURRENT PROGRAM GUIDELINES**

LEC staff has established public program procedures based on current guidelines. These procedures are subject to change based on guidance at the local, state and federal levels. Programs may be modified at any time as needed. For more information, call the center at 386-789-7207, ext. #21028.