

## **Lunch N' Learn Program Schedule** **2022-2023 Season**

**Presented by The Jacques Cousteau National Estuarine Research Reserve and The Tuckerton Seaport and Baymen's Museum. Zoom links and more detailed descriptions are below.**

***\*\* All programs will continue to be run remotely via Zoom.***

### **"The Eventful Journey of the Monarch"**

**When:** Wednesday, October 12<sup>th</sup>, 2022. 12:30 PM-1:30 PM

**Presenter:** Naturalist, Sue Slotterback

**Register here:** [Registration link](#)

All through late spring and early summer, we've seen one or two Monarch Butterflies flitting about every so often in our gardens. Over the summer we've seen a caterpillar or two nibbling on our milkweed, too. But since the end of August and into October something noticeably different is happening: "The Journey" has begun. During this program we will look at the life cycle of the Monarch Butterfly, its habitat and its incredible migration. We'll tag a live butterfly\* as part of a nationwide citizen science program and find out what we can do to support the Monarch's "eventful journey".

### **"Threading the evergreen thread of the Piney in New Jersey's historical tapestry"**

**When:** Wednesday, November 9<sup>th</sup> 2022. 12:30 PM-1:30 PM

**Presenter:** Author William J. Lewis

**Register here:** [Registration link](#)

Deep within the heart of the New Jersey Pine Barrens, the Piney people have built a vibrant culture and industry from working the natural landscape around them. Foraging skills learned from the local Lenape were passed down through generations of Piney families who gathered many of the same wild floral products that became staples of the Philadelphia and New York dried flower markets. Important figures such as John Richardson have sought to lift the Pineys from rural poverty by recording and marketing their craftsmanship. As the state government sought to preserve the Pine Barrens and develop the region, Piney culture was frequently threatened and stigmatized. Author and advocate William J. Lewis charts the history of the Pineys, what being a Piney means today and their legacy among the beauty of the Pine Barrens.

### **"Potential impacts of wind farm operations on overwintering harbor seals (*Phoca vitulina*) in southern New Jersey"**

**When:** Wednesday, December 14<sup>th</sup> 2022. 12:30 PM-1:30 PM

**Presenter:** Jackie Sullivan, Marine Science Adjunct Faculty, Stockton University

**Register here:** [Registration link](#)

As the installation, operation, and maintenance of offshore wind farms becomes a consistent variable in the northeastern United States, questions remain regarding the impact these practices have on proximate marine mammal populations. In southern New Jersey, plans for the installation of a 1,100 MW wind farm are underway (Orsted Ocean Wind), with a target operation date of 2025. This wind farm lease area sits 15-miles offshore of Atlantic City, just southeast of New Jersey's largest haul-out site for the common harbor seal (*Phoca vitulina*) within Great Bay, NJ. In Fall 2021, Stockton University began a harbor seal monitoring program that documents the occurrence, abundance, sighting patterns, haul-out behavior, and food habits of this seasonal Great Bay harbor seal population. Goals of this study include determination of patterns of habitat use, population size, prey species, and shifts over time as nearby wind farms become operational.

**"Privateers of the Revolutionary War – The Battle for Chestnut Neck and Crosswicks Creek"**

**When:** Wednesday, January 11<sup>th</sup>, 2023. 12:30 PM-1:30 PM

**Presenter:** Steve Nagiewicz, Marine Science Adjunct Faculty, Stockton University

**Register here:** [Registration link](#)

The Battles of Chestnut Neck on the Mullica River and of Crosswicks Creek in Bordentown were fought in 1778, between British Naval and Royal Marine forces and local patriots/privateers. These late 18th century historic shipwrecks are among the oldest known shipwrecks in the State of New Jersey. In the Mullica River at the town of Port Republic, British ships and Marines sunk 10 prize vessels commandeered by the privateers and engaged local colonial militia in battle. The story weaves historical people who were involved, General Washington, Benedict Arnold General Count Pulaski, Colonel Richard Somers and many others. They are the object of archaeological research and documenting their conditions.

**"ReClam the Bay Shellfish Upweller Tour"**

**When:** Wednesday, February 8<sup>th</sup>, 2023. 12:30 PM-1:30 PM

**Presenter:** Staff from ReClam the Bay

**Register here:** [Registration link](#)

Shellfish aquaculture continues to grow in New Jersey for many reasons. One efficient way of growing shellfish is through an upweller system. Join staff from ReClam the Bay as they take you on a virtual tour of their shellfish upweller operation in Tuckerton, NJ.

**"The Amazing American Eel"**

**When:** Wednesday, March 8<sup>th</sup>, 2023. 12:30 PM-1:30 PM

**Presenter:** Kaitlin Gannon, Education Coordinator from The Jacques Cousteau NERR and staff from the Hudson River NERR

**Register here:** [Registration link](#)

Since 2008, the Hudson River National Estuarine Research Reserve has been successfully monitoring glass, or juvenile, American eels (*Anguilla rostrata*) in various sites along the Hudson River with help from local community members. Now, through a 2020 NERRS Science Collaborative transfer grant, this fun and slimy community science opportunity is in the process of being transferred to the Jacques Cousteau NERR. Join us to hear the JC NERR's plans for this project, the ecological and commercial importance of the American eel, and how you can get involved in helping eels!

### **"April Lunch N' Learn"**

**When:** Wednesday, April 12<sup>th</sup>, 2023. 12:30 PM-1:30 PM

**Presenter:** TBA

**Register here:** Not available at this time

Details about April's Lunch N' Learn will be announced at a later time. Stay tuned!

### **"Mill Creek Apiary"**

**When:** Wednesday, May 10<sup>th</sup>, 2023. 12:30 PM-1:30 PM

**Presenter:** Apiary owner and beekeeper, Jason Shoff

**Register here:** [Registration link](#)

Honeybees are a complex and fascinating insect- they are a crucial part of our ecosystem and play a vital role in pollination of many of the foods we enjoy. Join our virtual "Hive Dive" as we perform a full hive inspection- you'll get a glimpse into the world of beekeeping and you'll learn about the role honeybees play in our environment and economy, honeybee biology, hive dynamics, and challenges facing our beloved honeybees.

### **"Saving Dark Skies"**

**When:** Wednesday, June 14<sup>th</sup>, 2023. 12:30 PM-1:30 PM

**Presenter:** Jim Webster from the Astronomical Society of the Toms River Area

**Register here:** [Registration link](#)

Light pollution affects us all! From its adverse effect on our wildlife and ecosystems to our energy consumption, to our dark sky heritage, personal safety, and overall human health, the impact of light pollution can seem subtle but in fact, is very significant. Please join Jim Webster from the Astronomical Society of the Toms River Area and the International Darksky Association Advocate to learn about the impact of light pollution on our planet and yourself.

