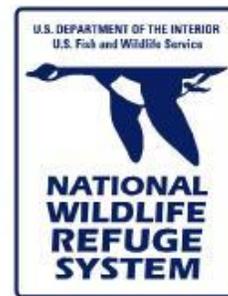


**Bombay Hook National Wildlife Refuge**  
**2591 Whitehall Neck Road**  
**Smyrna, DE 19977**  
**302-653-9345**



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## Calendar of Events – 2016

**The Wildlife Drive is open daily from ½ hour before sunrise to ½ hour after sunset.**

**The Visitor Center is open during the week from 8:00 am to 4:00 pm.**

**The Visitor Center is closed on weekends until September 3, 2016.**

**July Dates Purple Martin Nest Checks 11:00 a.m. – 11:45 a.m.** Joel Martin and Ray Gingerich will perform weekly purple martin gourd and house nest checks during the month of June. Individuals can observe and assist with recording data, holding a chick, and counting eggs and hatchlings. Hopefully, you will see an adult sitting on the nest or see a bird that spent the winter in Brazil. The nests need to be checked quickly to make sure the martins are not disturbed for a long period of time. Meet at the Visitor Center on the following dates:

**Monday, July 11, 2016**

**Friday, July 15, 2016**

**Sunday, July 31, 2016 Shorebird Identification Workshop** Learn a system to ID shorebirds based on size, structure, habits, and plumage. Half day trip includes both classroom and field work. Your trip leaders are Andy Urquhart and Eric Braun. Reservations are required; please call Andy at (302) 588-2067 by July 29 to attend, and to find out the starting time and other details. This program is provided by Delmarva Ornithological Society.

**Sunday, August 14, 2016 7:30 a.m. – 2:30 p.m. Birding by Impression with Kevin Karlson and Dale Rosselet** Field Study on wildlife drive 7:30 a.m. – 11:00 a.m. on wildlife drive; Lunch 11:00 – 12:00; Indoor 12:00 p.m. – 2:30 p.m. This interactive indoor workshop shares a different approach to field identification that Kevin calls *Birding by Impression, A Different Approach to Knowing and Identifying Birds*, which is the title of his and Dale Rosselet's book in the Roger Tory Peterson Reference Series (April 2015). Covering shorebirds and other bird families, comparative digitized photos from their new book encourage the audience to spot differences between similar species in direct side-by-side views. This exciting ID approach concentrates initially on basic impressions of size, shape and behavior to form an accurate mental picture of each bird seen in the field. A similar approach was used in Kevin's popular book, *The Shorebird Guide* (Houghton Mifflin Co., 2006). The first half of the program concentrates on shorebirds, while the second half covers other bird family groups. Test your birding and observation skills by attending this workshop and guessing the correct species using pertinent ID tips that contribute to your opinion. *Birding by Impression, A Different Approach to Knowing and Identifying Birds* and *The Shorebird Guide* and *Quick Reference Guides* will be available in the Blue Heron Gift Shoppe. Sponsored by Friends of Bombay Hook. **Space is limited, call to register 302-653-9345 or email [tina\\_watson@fws.gov](mailto:tina_watson@fws.gov).**

**September 3, 2016 10:00 a.m. – 12:30 p.m. Volunteer Orientation** A meeting about volunteer opportunities will be held in the auditorium. The meeting will describe the different types of volunteer opportunities, upcoming activities, and the latter part of the session will be a tour of the Refuge. Individuals are needed to staff the Visitor Center on weekends and weekdays from September through November. Volunteers are also needed to provide environmental education programs for school groups, conduct refuge tours, provide trail and landscaping maintenance, and help with highway cleanups. Training is provided.

**OVER**



**Saturday, September 17, 2016 9:30 a.m. – 11:30 a.m. Jr. Rangers Learn about Monarchs** New and returning children from 7-11 years old are welcome to attend. Learn about Monarchs, other insects, and how they pollinate the food we eat. Families will explore the Refuge and learn more about the habitats of Bombay Hook and the animals that live there. Call to register, 302-653-9345 or email: [tina\\_watson@fws.gov](mailto:tina_watson@fws.gov).



**Saturday, September 17, 2016 2:00 pm – 3:30 pm Monarch Presentation** Terry Willis will conduct a classroom presentation in the refuge auditorium on the Monarch butterfly life cycle and conservation, in preparation for the Monarch tagging event on September 24, 2016. Weather permitting, the field opposite refuge headquarters will be visited after the presentation to look for evidence of Monarchs.

**Tuesday, September 20, 2016 9:00 am to 2:00 pm Toddlers/preschoolers (1 year old to 5 years old) and their family is free.** Bombay Hook will be free for toddlers and their families on the 3<sup>rd</sup> Tuesday of September. Children from 1 to 5 years old are developing cognitive skills and being in nature can expose them to sights and sounds that might go unnoticed in their everyday setting. Take your child on the wildlife drive, walk a trail, climb a tower, and look at wildlife exhibits in the visitor center. You are never too young to explore and learn. This is a self-study for families. You can come anytime between 9:00 a.m. and 2:00 p.m.



**Saturday, September 24, 2016 FREE ENTRANCE FEE** Celebrating National Public Lands Day! and Bike Your Park Day! Record your Monarch sightings in the Visitor Center.

**Saturday, September 24, 2016 Monarch Tagging 2:00 p.m. – 4:00 p.m.** Terry Willis will be tagging monarchs on the refuge. Meet at the Visitor Center.



**October 8, 2016 10:00 a.m. – 11:30 a.m. Managing the Landscape for Monarch Butterflies and other Pollinators** Join Jim White, from the Delaware Nature Society, as he discusses the many ways that we can help maintain Monarch and other pollinator populations in our yard and natural areas. In recent years many of our most familiar insects such as the Monarch Butterfly have suffered population declines due to human caused changes to the landscape. Modern large scale agricultural practices and residential and commercial

development often drastically reduce the diversity of plants that these insects need to survive. In addition, the overuse of pesticides can also negatively affect our native insects. However it is not too late to stop or even reverse this trend. The program will be in the auditorium with a short walk in the meadow after the talk.