

<i>CATEGORY/</i> TITLE of TALK	DESCRIPTION OF TALK	VMN-HRC SPEAKER
<i>Area Parks, Trails, and Habitats/</i> Plants Along the Bassett Trace Nature Trail	See a display of fossilized plants and learn about the living plants along Colonial Williamsburg's Bassett Trace Nature Trail. 45-60 minute PowerPoint lecture illustrated with photos. Talk available for audiences ages 12 and older, in-person or via Zoom.	Jim Webb, Master Naturalist
<i>General /</i> What's a Master Naturalist?	Explains the mission of Virginia Master Naturalists, explains the different ways that we volunteer, and how to join a VMN chapter.	Various HRC Master Naturalists
<i>Plants & Trees /</i> Virginia's Big Trees in the Williamsburg Area	Rick offers a "tree-based" talk tailored to your group's needs and interest. For example, learn about Virginia's Big Tree Program, the trees and plants found on the Bassett Trace Nature Trail, the volunteer work creating the Colonial Williamsburg Arboretum, and interesting trees found in other Williamsburg area locations. 45-60 minute PowerPoint lecture illustrated with photos. Talk available for adult audiences, in-person or via Zoom	Rick Brown, Master Naturalist, Master Gardener, and Tree Steward

<p><i>Plants & Trees /</i> Invasive Plant Species on the Virginia Peninsula</p>	<p>We will discuss several of the invasive plant species that are impacting natural spaces on the Virginia Peninsula. Featured species include Japanese stilt grass, Japanese honeysuckle, autumn olive, mahonia, wineberry, Chinese privet, Chinese/Japanese holly, wisteria, multiflora rose, and tree of heaven. The discussion will include plant description and identification, impact on local environments, and removal techniques. The speaker has numerous hours of hands-on experience removing invasives in the region.</p>	<p>Tracy Matthew Melton, Master Naturalist</p>
<p><i>Skill Building/Nature</i> Photography in the Garden</p>	<p>Local nature photographer will cover aspects of creating a good photograph, including light, location, equipment, and several of the important design elements of composition. Presentation includes stunning images, all of which were taken at area gardens. Includes technical information and practical tips, along with some philosophical quotations and musings on the art of photography. 60 minute PowerPoint lecture illustrated with photos. Talk available for</p>	<p>Jim Easton, Master Naturalist</p>

	audiences 12 and older, in-person or via Zoom.	
<i>Skill Building</i> /Nature Photography on the Trail	Local nature photographer will cover aspects of creating a good photograph, including light, location, equipment, and several of the important design elements of composition. Presentation includes stunning images, many of which were taken at local trails and parks. Technical information and practical tips, along with philosophical quotations and musings on the art of photography. 60 minute PowerPoint lecture illustrated with photos. Talk available for audiences ages 12 and older, in-person or via Zoom.	Jim Easton, Master Naturalist
<i>Skill Building</i> /Nature Photography with a Focus on Birds	Local nature photographer will cover aspects of creating a good photograph, including light, location, equipment, and several important design elements of composition. Presentation includes stunning images, many of which were taken at local trails	Jim Easton, Master Naturalist

	and parks. Technical information and practical tips, along with philosophical quotations and musings on the art of photography. 60 minute PowerPoint lecture illustrated with photos. Talk available for audiences ages 12 and older, in-person or via Zoom.	
<i>Skill Building/</i> Citizen Science at Your Fingertips	Join Certified Master Naturalist from the Historic Rivers Chapter of the Virginia Master Naturalists, Mary Jo (MJ) OBryan as she teaches you how to enjoy and more accurately observe the natural world with the help of free apps available to download on your Android or Apple mobile devices. She will demonstrate how to use Merlin Bird ID, eBird, INaturalist, Seek and a few other inexpensive apps. She'll show how the pictures you take and the data you input helps scientists and conservationists. Finally, she'll have a few activities where attendees can practice with the apps.	Mary Jo (MJ) O'Bryan, Master Naturalist
<i>Wildlife/</i> Bald Eagles	Describes the life cycle of the bald eagle, including their mating habits, nest building, incubation, raising young, etc. Talk will include photos of eagles, areas	Judy Jones, Master Naturalist

	<p>where you can observe them, and facts about their lives. 45 minute PowerPoint lecture illustrated with photos. Talk available audiences ages 12 and older, in-person or via Zoom.</p>	
<p>Wildlife/Birds and Their Nests</p>	<p>Discover what your backyard birds need and why. Open nests, cavity nests, ground nests. 60 minute Powerpoint lecture illustrated with photos. Talk available for adult audiences, in-person or via Zoom.</p>	<p>Shirley Devan, Master Naturalist, Tree Steward</p>
<p>Wildlife/Bluebirds</p>	<p>Describes the life cycle of the Eastern Bluebird, including their mating habits, nest building, incubation, raising young, etc. Talk will include ways to bring them to your yard, how to build a bluebird house, and how to protect your bluebirds from predators. 45 minute PowerPoint lecture illustrated with photos. Talk available audiences ages 12 and older, in-person or via Zoom.</p>	<p>Judy Jones, Master Naturalist; Mary Jo (MJ) O'Bryan, Master Naturalist</p>
<p>Wildlife/Butterfly Identification</p>	<p>The Williamsburg area is home to more than 90 species of butterflies, and recently local experts have found species not previously recorded. Eleven families of butterflies come in a variety of sizes and shapes. This presentation will help you</p>	<p>Adrienne Frank, Master Naturalist, Tree Steward</p>

	distinguish physical characteristics and behavior such as flight patterns, life cycle, and use of nectar and host plants. 60 minute PowerPoint lecture illustrated with photos. Talk available for adult audiences, in-person or via Zoom.	
Wildlife/Gardening for Pollinators	Specific flowering(nectar) plants support adult butterflies and native host plants provide food for growing caterpillars. Bees also have special relationships with native plants and use plants that match their size, mouth parts, and landing strategies. If you understand a little bit about pollinator's behavior, habitats, and association with plants, you can attract butterflies to your yard and help to preserve their habitat. Plants and planting strategies are discussed. 60 minute PowerPoint lecture illustrated with photos. Talk available for adult audiences, in-person or via Zoom.	Adrienne Frank, Master Naturalist, Tree Steward
Wildlife/ Native Birds Need Native Gardens	Learn what your backyard birds need and why. How your yard and garden can attract and support more birds. 60 minute PowerPoint lecture illustrated with photos. Talk available for	Shirley Devan, Master Naturalist, Tree Steward

	adult audiences, in-person or via Zoom.	
Wildlife/Ospreys	Describes the life cycle of the osprey, including their mating habits, nest building, incubation, raising young, migration patterns, etc. Talk will include methods of identification and how to monitor an osprey nest. 45 minute PowerPoint lecture illustrated with photos. Talk available audiences ages 12 and older, in-person or via Zoom.	Judy Jones, Master Naturalist
Wildlife/Precious Pollinators	The best pollinators have hair on their bodies that can collect pollen. Butterflies and bees are especially designed to pollinate a wide array and often very specific plants. They use a wide array of strategies to find and collect pollen. They select plants for color, smell, size, and/or accessibility. Native bees pollinate 70% of all flowering plants and are more efficient than honey bees. Providing habitat for pollinators is essential for our gardens and food production. 60 minute PowerPoint lecture illustrated with photos. Talk	Adrienne Frank, Master Naturalist, Tree Steward

	available for adult audiences, in-person or via Zoom.	
Wildlife/ Prothonotary Warbler Nest Box Projects of the Coastal Plain of Virginia	Learn about the life history of the Prothonotary Warbler, its conservation status, the monitoring programs at several locations in the Coastal Plain of Virginia, and the nest site fidelity of these warblers. 60 minute PowerPoint lecture illustrated with photos. Talk available for adult audiences, in-person or via Zoom.	Shirley Devan, Master Naturalist, Tree Steward
Wildlife/ Prothonotary Warbler Nest Box Project at Powhatan Creek	Learn more about the life history of the Prothonotary Warbler, its conservation status, the monitoring programs at Powhatan Creek, and the nest site fidelity of these warblers. 15-20 minute PowerPoint lecture illustrated with photos. Talk available for audiences ages 12 and older, in-person or via Zoom.	Jim Easton, Master Naturalist