



FY 2010 Task 50  
Virginia Coastal Zone  
Management Program  
Grant Report

## Plant NNK Natives Campaign



Virginia Coastal Zone  
MANAGEMENT PROGRAM



*This project was funded, in part, by the Virginia Coastal Zone Management Program at the Department of Environmental Quality through a grant (#NA10NOS4190205) from the U.S. Department of Commerce, National Oceanic and Atmospheric Administration, under the Coastal Zone Management Act of 1972, as amended.*

Prepared by:

Northern Neck Chapter, Virginia  
Native Plant Society and the Northern  
Neck Planning District Commission

# Plant Northern Neck Native Campaign Final Report

## Table of Contents

<b>Section</b>	<b>Pages</b>
Executive Summary	1-2
Plant NNK Natives Partners	2
Campaign Strategy Components	3
Guide to Northern Neck Native Plants	3
Native Plant Garden Plans Brochure	3
Point of Sale Promotional Materials	4
Participating Native Plan Suppliers	4
Plant NNK Natives Campaign Exhibit	5
Northern Neck Native Plant Society Outreach	5
Plant NNK Native Campaign Website and Mass Media Publicity	6
Native Plant Demonstration Gardens	6
Future Plans	7
 APPENDIX A	
Native Plants of the Northern Neck Guide	8
 APPENDIX B	
Plant NNK Natives Gardens Plans Brochure	57

## Summary

The goal of the *Plant NNK (Northern Neck) Natives* Campaign is to increase use of native plants on private property on the Northern Neck, and help protect existing native vegetation in the landscape.



Due to the success of the campaign in its first few months, the people in the community now recognize the *Plant NNK Natives* Campaign logo. The project manager has heard people remark that they have seen the campaign's yellow banners with the flower on them and the "Native Plant of the Month" articles in the paper. She has also had countless people tell her how wonderful the new guide is and has been asked to make presentations on the campaign for several organizations in the coming year. Over the six-month period during which the campaign was a beneficiary of CZM funds, the campaign contributed nearly \$2,600 cash and \$11,700 in kind services (at \$15/hr.) to the project. This constitutes a nearly 95% match to the \$15,000 contributed by the CZM program.

The *Plant NNK Natives* Campaign is modeled after the *Plant ES Natives* campaign - developed and funded by the Virginia Coastal Zone Management (CZM) Program - and is part of the Virginia CZM's effort to increase the use of native plants coast-wide through regional campaigns. Barriers to the use of native plants on the Northern Neck are similar to those identified through the *Plant ES Natives* campaign, based on qualitative evidence provided by partners in the *Plant NNK Natives* campaign. Primary barriers include:

- a lack of availability of native plants in the marketplace.
- a lack of information on which plants are native to the Northern Neck and their optimal growing conditions.

The *Plant NNK Natives* campaign focuses on removing these barriers and increasing demand for and subsequently the availability of native plants through the use of social marketing techniques and a multi-media strategy – outlined in this report. The primary audience for the campaign is homeowners. The campaign also has successfully pursued partnerships with garden centers, landscape designers, growers and realtors to increase the availability of and encourage the use of native plants. After the fall 2013 planting seasons - and the first full phase of the campaign's implementation supported through this grant – Virginia CZM Program will assist the campaign in evaluating the effectiveness of the campaign strategy in conveying its message to its Northern Neck audience (under FY13, Task 1.03). The campaign then will adjust the strategy as necessary and appropriate.

This report outlines the components of the Plant NNK Campaign multi-media strategy implemented during the Fall 2013 planting season, including:

- full color 48-page guide, “Native Plants of the Northern Neck”
- brochure highlighting four garden plans featuring Northern Neck natives
- point of sale prompts and promotional materials – a “Native Plants Sold Here” banner and NNK Native plant tags
- Plant NNK Natives Campaign exhibit
- Mass Media Publicity - Plant NNK Natives Campaign website and newspaper and magazine articles

The Northern Neck Chapter of the Virginia Native Plant Society (VNPS-NN) led a broad partnership group in the effort (see list below). The Northern Neck Planning District Commission (NNPDC) is a campaign partner and coordinated with the VNPS-NN to generate and submit grant progress and final reports.

#### **Plant NNK Natives Campaign Partners**

Northern Neck Chapter of the Virginia Native Plant Society, Chair  
Northern Neck Audubon Society  
Northern Neck Land Conservancy  
Northern Neck Master Gardeners  
Northern Neck Master Naturalists  
Northern Neck Planning District Commission  
Northern Neck Soil & Water Conservation District  
Rappahannock Wildlife Refuge Friends  
The Chesapeake Garden Club  
The Garden Club of the Northern Neck  
The Rappahannock Garden Club  
VA Coastal Zone Management Program  
VA Department of Conservation & Recreation

Boxcroft Nursery, Reedville  
The Earth Store, Kilmarnock  
Edwards Produce, Wicomico Church  
Farm & Home Supply, Kilmarnock  
Garner’s Produce, Warsaw  
Judy Ripley, Landscape Design Consultant  
Kemper Nursery, Farnham  
Miller Greenhouses Inc., Tappahannock  
Murphy’s Hardware, Garden, Feed & Seed, Mount Holly  
Ransone’s Nursery and Maintenance Inc., Kilmarnock  
Sassafras Farm, Hayes

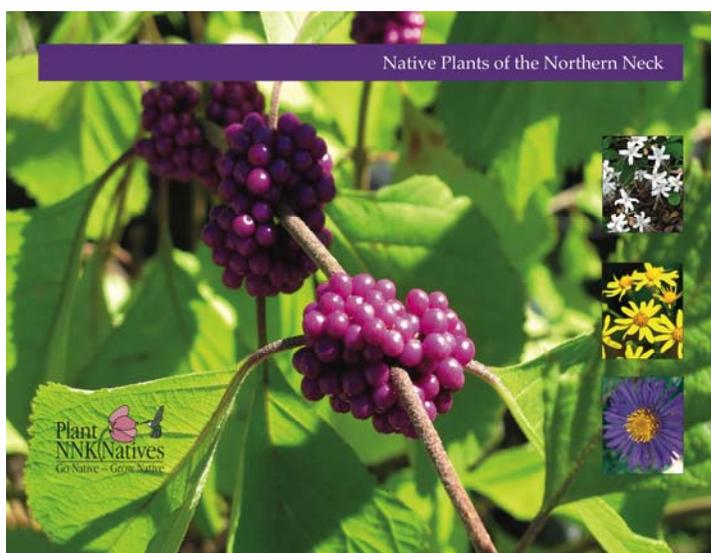


**Campaign Planning Team Members.**

## CAMPAIGN STRATEGY COMPONENTS

### Guide to Northern Neck Native Plants

A key element in the strategy is a full color 48-page guide titled, “Native Plants of the Northern Neck.” Though much of the research for the guide was completed prior to funding, the Virginia CZM grant supported the final layout, review and printing of 5,000 copies of the guide. (The Guide to Northern Neck Native Plants is attached at the end of this report in Appendix A.) The recently released *Flora of Virginia*, the online *Digital Atlas of the Virginia Flora*, and the *Plant Eastern Shore Natives* campaign served as important resources to the team developing the guide.

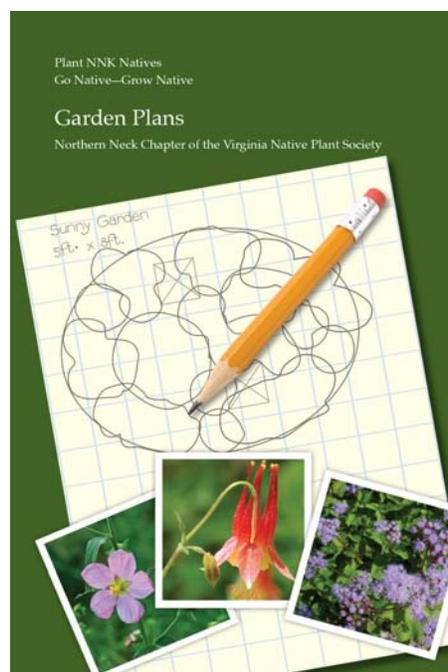


Residents of the Northern Neck have shown appreciation for this new reference book in many ways. First, more than 3,600 copies have already been snatched up. On July 6, 2013, the campaign initiated distribution of the free guide during a special exhibit at the Irvington Farmers market. People came directly to the exhibit saying, “I saw the beautiful ad in the paper and came especially to get the guide.” Those who took a guide were asked to sign a pledge to plant native plants. As she lifted her pen, one Northern Neck

resident said emphatically, “I’ll pledge because I’ll do this!” Others have said, “It’s awesome!” “I’m newly inspired.” One of the campaign retail partners remarked that, “People come to the garden center with plants circled in the guide asking how they can get them.”

### Native Plant Garden Plans Brochure

To complement the guide, the campaign also produced a brochure highlighting four garden plans that a local Master Naturalist created to feature Northern Neck natives. (The Garden Plans Brochure follows this report in Appendix B.) The Virginia CZM grant supported the design and printing of the garden plans, which were released during the annual VNPS-NN native plant sale in September 2013. The sale made more money and brought in more new members than usual—perhaps because of the success of the campaign.



## Point of Sale Promotional Materials



The *Plant NNK Natives* retail partners are critical to the success of the campaign. The grant supported the design and printing of promotional materials to help local residents find native plants. Ten local garden centers (listed below) proudly display the *banners* created for the campaign, use the special *NNK Native plant tags* and help distribute the *Native Plants of the Northern Neck* guide. One stated, “We have seen an increase in people talking

about native plants.” The Earth Store even held a special Native Plants Day and noted that business that day was more brisk than usual. During the off season, campaign leaders will meet with the garden centers to determine what worked well and what needs improvement as well as to gather ideas for how to make the campaign even more successful.

### Participating Native Plant Suppliers

Boxcroft Nursery, Reedville  
The Earth Store, Kilmarnock  
Edwards Produce, Wicomico Church  
Farm & Home Supply, Kilmarnock  
Garner’s Produce, Warsaw  
Kemper Nursery, Farnham  
Miller Greenhouses Inc., Tappahannock  
Murphy’s Hardware, Garden, Feed & Seed, Mount Holly  
Ransone’s Nursery and Maintenance Inc., Kilmarnock  
Sassafras Farm, Hayes





## Plant NNK Natives Campaign Exhibit

The outreach through campaign partners has been substantial. For example, the VNPS –NN set up the special *Plant NNK Natives* exhibit (see photo left) at 12 events from April through September (list below). Another partner, the

Northern Neck Master Gardeners distributed the native plant guide and sample garden plans to visitors at 12 other events, mostly farmer’s markets. Partner garden clubs also spread the word through their extensive memberships.



### NNNPS Outreach Locations

- Lancaster County Library
- Northumberland County Library
- Richmond County Library
- Westmoreland County Library
- Strawberry Festival, Heathsville
- Irvington Farmers’ Market, Irvington
- Edwardsville Festival, Edwardsville
- Boots & BBQ, NNK Land Conservancy
- Kinsale Days Festival, Kinsale
- Earth Store Native Plant Day
- Mary Ball Washington Open House, Lancaster Courthouse
- VNPS-NNC Plant Sale



## Go Native, Grow Native

submitted by Gary Chafin of  
the Virginia Native Plant Society

### Butterfly Weed

Butterfly weed (*Asclepias tuberosa*) is an extremely showy wildflower very common in fields and roadsides of the Northern Neck. It grows from 18 to 30 inches and has orange to yellow or red, flat-topped clusters of flowers in late spring and early summer.

Because it has a very deep taproot, it is difficult to transplant, but it readily grows from seed. Butterfly weed forms clumps, is well-mannered and not invasive. The skinny seedpods are packed with many seeds that, when ripe, fly away on silky parachutes.

You can get it to bloom twice by cutting off the old flower heads and not letting them go to seed. These plants like dry areas with full sun or partial shade.

As its name indicates, the flowers are a source of nectar for tiger, spicebush, eastern black, and pipevine swallowtail butterflies. Butterfly weed is a plant worth adding to your landscape either in flower beds or naturalized areas.

Learn more at [mnps.org](http://mnps.org) under *Plant NNK Natives: Go Native—Grow Native*.



Butterfly weed in bloom in  
Popes Creek Photo by Carol  
Hammer

## Plant NNK Natives Campaign Website and Mass Media Publicity

Publicity was a strong element in the campaign, too. Every month the campaign featured a native plant in the local newspaper – sample article provided at right. (Additional articles can be found in the appendices.) The articles included a reference to the special website developed under the grant

[http://www.nnps.org/Go\\_Native\\_Grow\\_Native.html](http://www.nnps.org/Go_Native_Grow_Native.html). In addition, the VNPS-NN featured the campaign in its newsletter and a special article was published in a local magazine, *Home & Garden*.

## Native Plant Demonstration Gardens

Residents of the Northern Neck can visit many different demonstration gardens to see what NNK natives look like as mature plants. The “Native Plants of the Northern Neck” guide includes a map of the demonstration gardens. To identify the natives present in the gardens – established prior to the campaign – markers have been installed that feature the *Plant NNK Natives* logo and tagline, the plant’s Latin and common names, a drawing of the plant, and bulleted text describing the plant and its soil, light and other growing requirements (see sample marker in top photo on page above). Gardens that will be comprised of NNK natives only are in the planning stages—one at a local high school and one at the Planning District Commission office.



## **Future Plans**

Plant NNK Natives is a long-term campaign to promote change in gardening practices on the Northern Neck. Affecting behavior change takes many years. In the future, the campaign hopes to establish a mini-grant or award program to promote the installation of native plant gardens. Because part of the goal is to identify and protect existing native vegetation, the campaign also plans to offer plant identification on landowner properties, as requested. Finally, with continued support from the Virginia CZM Program and others, the campaign plans to measure effectiveness of the campaign through public surveys.

Plant NNK Natives is also a partner in the Virginia Native Plant Marketing Partnership (VNPMP), coordinated by Virginia CZM Program. The VNPMP's plans include developing a Virginia Conservation Landscaping Certification Program, and developing a manual and protocols for propagating native plants to influence the number and quantity of native species grown and carried by wholesalers. Continued coordination and collaboration with local, regional and state partners will improve the campaign's success.

# Appendix A

# Native Plants of the Northern Neck



Plant  
NNK Natives  
Go Native – Grow Native



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## Northern Neck Native Plants

Whether you want to put in a flower garden or establish the landscape around your home there are many varieties of Northern Neck native plants from which to choose. Native plants not only offer practical, cost effective, environmental benefits over non-native plants but many provide an appealing display of foliage and flowers that surpass non-native ornamentals.

Plants native to Virginia's Northern Neck are those that were part of the local ecology prior to European settlement and are adapted to the local soils and climate conditions. Consequently, they often tolerate varying conditions found on the Northern Neck, such as drought and flooding. They usually require less watering, fertilization and pesticide application than non-native plants.

Many mutual relationships exist among native plants and local wildlife. Birds, butterflies, native bees and other beneficial

insects obtain valuable food and shelter from native plants and, in turn, often serve as pollinators. Small mammals also find sustenance from and seek the protection of native plants.

Although this guide is not comprehensive, the Northern Neck native plants featured here were selected because they are attractive, relatively easy for the home gardener to acquire, easy to maintain, and offer various benefits to wildlife and the environment. Join an increasing number of gardeners who have discovered that Virginia's Northern Neck natives can be a wonderful addition to gardening and landscaping plans.

**Note:** Comprehensive lists of native plants of the Northern Neck can be found on line at the *Digital Atlas of the Virginia Flora* ([vaplantatlas.org](http://vaplantatlas.org)) or in the *Flora of Virginia* ([floraofvirginia.org](http://floraofvirginia.org)).

Several species of orchids are also native to the Northern Neck. We have not included the orchids in our list because they are not easy to propagate or transplant. If you find native orchids growing naturally, please do not disturb them.

This guide to Northern Neck native plants is provided through the **Plant NNK Natives: Go Native—Grow Native** campaign, supported by the Virginia Coastal Zone Management Program and developed with the assistance of a planning team of the following partners

**Northern Neck Chapter of the Virginia Native Plant Society**  
lead organization

Northern Neck Audubon Society  
Northern Neck Land Conservancy  
Northern Neck Master Gardeners  
Northern Neck Master Naturalists  
Northern Neck Planning District Commission  
Northern Neck Soil & Water Conservation District  
Rappahannock Wildlife Refuge Friends  
The Chesapeake Bay Garden Club  
The Garden Club of the Northern Neck  
The Rappahannock Garden Club  
Virginia Coastal Zone Management Program  
Virginia Department of Conservation & Recreation

These businesses are partners in the  
**Plant NNK Natives: Go Native—Grow Native** campaign

Allison's Ace Hardware, Lottsburg  
Boxcroft Nursery, Reedville  
The Earth Store, Kilmarnock  
Edwards Produce, Wicomico Church  
Farm & Home Supply, Kilmarnock  
Judy Ripley, Landscape Design Consultant  
Kemper Nursery, Farnham  
Miller Greenhouses, Inc., Tappahannock  
Ransone's Nursery and Maintenance Inc., Kilmarnock  
Sassafras Farm, Hayes

(as of printing)

**Cover Photos**

Main Photo: *Callicarpa americana*, American Beauty-berry  
Top right: *Rhododendron atlanticum*, Dwarf Azalea  
Middle right: *Chrysopsis mariana*, Maryland Golden-Aster  
Lower right: *Symphotrichum novi-belgii*, New York Aster

The Plant NNK Natives campaign is a part of a Virginia coast-wide native plant marketing initiative being coordinated and funded by the Virginia Coastal Zone Management Program. This guide to Northern Neck native plants is an adaptation of "Native Plants of Accomack and Northampton Counties," a regional native plant guide produced by the Virginia Coastal Zone Management Program for the Eastern Shore through the Plant ES Natives campaign.

Design and printing of the "Native Plants of the Northern Neck" guide were funded, in part, by the Virginia Coastal Zone Management Program (DEQ) through a federal Coastal Zone Management Act grant from the National Oceanic and Atmospheric Administration, U.S. Department of Commerce. Additional funding was provided by the Northern Neck Audubon Society and the Northern Neck Chapter of the Virginia Native Plant Society.

**Native plant information provided by the following sources**

*Digital Atlas of the Virginia Flora*  
*Flora of Virginia*  
USDA Plants Database (United States Department of Agriculture)  
Lady Bird Johnson Wildflower Center at the University of Austin  
Division of Natural Heritage - Virginia Department of Conservation  
and Recreation  
*Chesapeake Bay Watershed Native Plants for Wildlife and  
Habitat Conservation* (U.S. Fish and Wildlife Service)  
*Native Plants of Accomack and Northampton* produced  
by the Plant ES Natives campaign.

**Special thanks to**

Paula Boundy, Barbara Brecher, Gary Chafin, Nick Ferriter, Carol Hammer, Anne Olsen, Janet Pawlukiewicz and Jeff Wainscott without whom this guide would not be so informative and attractive!

Virginia Witmer, Virginia Coastal Zone Management Program,  
for her invaluable assistance in production of this guide.

Ted Munns, President, and the Board of Directors of the Northern Neck Chapter of the Virginia Native Plant Society for their whole-hearted support of this project.

Design/Brecher Design Group

Editing/Janet Pawlukiewicz

Photo Selection and Editing/Carol Hammer

Also thanks to our wonderful native plant photographers,  
photo credits are on inside back cover.

**Visit us on the Web**

Plant NNK Native: Go Native—Grow Native at [NNNPS.org](http://NNNPS.org)

Virginia Coastal Zone Management Program at  
[deq.virginia.gov/Programs/CoastalZoneManagement.aspx](http://deq.virginia.gov/Programs/CoastalZoneManagement.aspx)

*Every effort has been made to provide accurate information.  
Errors will be corrected in future editions. Edition One 6/13 5M*



Northern Neck  
Audubon Society



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## Table of Contents

Partners and Acknowledgments	4
Plant NNK Natives	
Go Native—Grow Native Campaign	7
List of Northern Neck Native Plants	9
Partial List of Sun Loving, Shade Loving and Deer Resistant Plants	16
Recommendations for the Garden and Landscape	17
Herbaceous Plants	18
Ferns	28
Grasses and Grass-like Plants	29
Vines	31
Shrubs	33
Small and Medium Trees	38
Large Trees	40
Native Plant Alternatives to Invasive Plants	44
Demonstration Gardens on the Northern Neck	46
Photo Credits	47



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## Plant NNK Natives: Go Native–Grow Native Program

**T**he **Plant NNK Natives: Go Native – Grow Native** campaign seeks to inspire Northern Neck residents and businesses to use native plants in their gardens and protect native vegetation in the landscape. Northern Neck native plants are indigenous; that is, they were likely growing in one or more of the four Northern Neck Counties (Lancaster, Northumberland, Richmond and Westmoreland) before European settlers came to the area.

The organizations supporting the **Go Native – Grow Native** campaign (listed on page 4) believe that native plants provide many ecological benefits. For example, they serve as sources



of food (berries, seeds, nectar) and habitat year round for resident and migratory birds. They also provide energy sources and host plants for many pollinators and their larvae, which in turn become bird food. Native plants need

less watering, so they assist in water conservation efforts important to maintaining a potable water supply on the Neck. Like most plants, they absorb nutrients and soak up water before it runs off the ground, helping to prevent stream pollution. And, they typically require less fertilizer and fewer pesticides than non-native plants, thus reducing the introduction of pollutants to the environment.

**Go Native – Grow Native** campaign activities will increase both the demand for and supply of Northern Neck native plants.

In addition to this guide, products will include:

- New educational signage on native plants found in local demonstration gardens
- Native plant identification tags and promotional banners for partner retail establishments to help gardeners identify native plants for their gardens
- “Native Plant of the Month” feature articles in local newspapers
- A website to provide up-to-date information on activities and educational materials of the **Go Native – Grow Native** campaign. Visit [nnnps.org](http://nnnps.org)
- A table-top exhibit for use at special events



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## Northern Neck Native Plants

All the plants in this list are indigenous to the Northern Neck of Virginia, according to the most recent research available (*Flora of Virginia* and the *Digital Atlas of the Virginia Flora* at [vaplantatlas.org](http://vaplantatlas.org)). They were probably growing here prior to European colonization.

Plant names in *Green* and **Boldface** are highlighted in the next section of this guide.

They have been selected because they are likely to do well in your garden, have special wildlife benefits and are relatively easy to purchase or propagate.

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## Herbaceous Plants

<i>Scientific Name</i>	Common Name
<i>Achillea millefolium</i>	Common Yarrow
<i>Actaea pachypoda</i>	Doll's Eyes
<i>Actaea racemosa</i>	Bugbane
<i>Agalinis purpurea</i>	Purple False Foxglove
<i>Ageratina altissima</i>	White Snakeroot
<i>Anemone quinquefolia</i>	Wood Anemone
<i>Anemone virginiana</i>	Thimbleweed
<i>Antennaria plantaginifolia</i>	Plantain-leaf Pussytoes
<i>Antennaria solitaria</i>	Single-head Pussytoes
<b><i>Aquilegia canadensis</i></b>	<b>Eastern Red Columbine (page 18)</b>
<i>Aralia nudicaulis</i>	Wild Sarsaparilla
<b><i>Arisaema triphyllum</i></b>	<b>Common Jack-in-the-pulpit (page 18)</b>
<i>Asarum canadense</i>	Common Wild Ginger
<b><i>Asclepias incarnata</i></b>	<b>Swamp Milkweed (page 18)</b>
<i>Asclepias syriaca</i>	Common Milkweed
<b><i>Asclepias tuberosa</i></b>	<b>Butterfly-weed (page 18)</b>
<b><i>Baptisia tinctoria</i></b>	<b>Yellow Wild Indigo (page 19)</b>
<i>Bidens cernua</i>	Nodding Beggar-ticks
<b><i>Caltha palustris</i></b>	<b>Marsh Marigold (page 19)</b>
<i>Caulophyllum thalictroides</i>	Blue Cohosh
<i>Chamaecrista fasciculata</i>	Common Partridge-pea
<b><i>Chelone glabra</i></b>	<b>White Turtlehead (page 19)</b>
<i>Chimaphila maculata</i>	Striped Wintergreen
<b><i>Chrysopsis mariana</i></b>	<b>Maryland Golden-aster (page 19)</b>
<i>Claytonia virginica</i>	Spring Beauty
<i>Clitoria mariana</i>	Butterfly Pea
<b><i>Conoclinium coelestinum</i></b>	<b>Mistflower (page 20)</b>
<i>Coreopsis lanceolata</i>	Long-stalk Coreopsis
<i>Desmodium paniculatum</i>	Narrow-leaf Tick-trefoil

# Herbaceous Plants

<i>Scientific Name</i>	<b>Common Name</b>
<i>Equisetum arvense</i>	Field Horsetail
<i>Equisetum hyemale</i>	Tall Scouring Rush
<i>Eupatorium hyssopifolium</i>	Hyssop-leaf Thoroughwort
<i>Eupatorium perfoliatum</i>	Boneset
<i>Eurybia divaricata</i>	White Wood Aster
<b><i>Eutrochium dubium</i></b>	<b>Three-nerved Joe-pye-weed (page 20)</b>
<i>Eutrochium fistulosum</i>	Hollow Joe-pye-weed
<i>Eutrochium purpureum</i>	Sweet-scented Joe-pye-weed
<i>Geranium carolinianum</i>	Carolina Geranium
<b><i>Helenium autumnale</i></b>	<b>Common Sneezeweed (page 20)</b>
<i>Helianthus divaricatus</i>	Woodland Sunflower
<i>Heuchera americana</i>	American Alumroot
<b><i>Hexastylis virginica</i></b>	<b>Virginia Heartleaf (page 20)</b>
<i>Hieracium venosum</i>	Rattlesnake Weed
<b><i>Hibiscus moscheutos</i></b>	<b>Swamp Rose-mallow (page 21)</b>
<i>Houstonia caerulea</i>	Common Bluets
<i>Houstonia purpurea</i>	Summer Bluets
<i>Hydrophyllum virginianum</i>	Virginia Waterleaf
<i>Hypericum gentianoides</i>	Pineweed, Orange-grass
<i>Hypericum mutilum</i>	Dwarf St. John's-wort
<i>Hypericum punctatum</i>	Spotted St.-John's-wort
<i>Impatiens capensis</i>	Orange Jewelweed
<i>Ionactis linariifolia</i>	Stiff-leaved Aster
<b><i>Iris versicolor</i></b>	<b>Northern Blue Flag (page 21)</b>
<i>Iris virginica</i>	Virginia Blue Flag
<b><i>Kosteletzkya pentacarpos</i></b>	<b>Seashore Mallow (page 21)</b>
<i>Lespedeza capitata</i>	Round-headed Lespedeza
<i>Liatris pilosa</i>	Grass-leaf Gayfeather
<b><i>Lilium superbum</i></b>	<b>Turk's-cap Lily (page 21)</b>

<i>Scientific Name</i>	<b>Common Name</b>
<b><i>Limonium carolinianum</i></b>	<b>Sea Lavender (page 22)</b>
<b><i>Lobelia cardinalis</i></b>	<b>Cardinal Flower (page 22)</b>
<b><i>Lobelia siphilitica</i></b>	<b>Great Blue Lobelia (page 22)</b>
<b><i>Lupinus perennis</i></b>	<b>Sundial Lupine (page 22)</b>
<i>Maianthemum racemosum</i>	False Solomon's-seal
<i>Medeola virginiana</i>	Indian Cucumber-root
<i>Micranthes virginiensis</i>	Early Saxifrage
<i>Mimulus ringens</i>	Square-stemmed Monkeyflower
<b><i>Mitchella repens</i></b>	<b>Partridge-berry (page 23)</b>
<i>Mitella diphylla</i>	Two-leaved Miterwort
<i>Monarda punctata</i>	Spotted Beebalm
<i>Nuphar advena</i>	Common Spatterdock
<i>Nuttallanthus canadensis</i>	Blue Toadflax
<i>Nymphaea odorata</i>	White Water-lily
<i>Oenothera biennis</i>	Common Evening-Primrose
<b><i>Oenothera fruticosa</i></b>	<b>Southern Sundrops (page 23)</b>
<b><i>Opuntia humifusa</i></b>	<b>Eastern Prickly-pear (page 23)</b>
<i>Orontium aquaticum</i>	Golden Club
<i>Osmorhiza longistylis</i>	Aniseroot
<b><i>Packera aurea</i></b>	<b>Golden Ragwort (page 23)</b>
<i>Peltandra virginica</i>	Arrow-arum
<i>Penstemon laevigatus</i>	Smooth Beard-tongue
<b><i>Phlox paniculata</i></b>	<b>Garden Phlox (page 24)</b>
<i>Physostegia virginiana</i>	Northern Obedient-plant
<b><i>Podophyllum peltatum</i></b>	<b>Mayapple (page 24)</b>
<b><i>Polygonatum biflorum</i></b>	<b>Solomon's seal (page 24)</b>
<b><i>Pontederia cordata</i></b>	<b>Pickerelweed (page 24)</b>
<i>Pycnanthemum incanum</i>	Hoary Mountain-mint
<i>Pycnanthemum tenuifolium</i>	Narrow-leaf Mountain-mint

## Herbaceous Plants

<i>Scientific Name</i>	Common Name	<i>Scientific Name</i>	Common Name
<i>Rhexia virginica</i>	Virginia Meadow Beauty (page 25)	<i>Symphyotrichum pilosum</i>	White Old-field Aster
<i>Rudbeckia hirta</i>	Black-eyed Susan (page 25)	<i>Symplocarpus foetidus</i>	Skunk Cabbage
<i>Rudbeckia laciniata</i>	Cut-leaf Cornflower	<i>Thalictrum pubescens</i>	Common Tall Meadow-rue
<i>Rudbeckia triloba</i>	Brown-eyed Susan (page 25)	<i>Thalictrum thalictroides</i>	Rue-anemone
<i>Ruellia caroliniensis</i>	Carolina Wild-petunia (page 25)	<i>Trillium pusillum</i>	Virginia Least Trillium
<i>Sabatia angularis</i>	Rose-pink	<i>Uvularia perfoliata</i>	Perfoliate Bellwort
<i>Sagittaria latifolia</i>	Broad-leaved Arrowhead	<i>Uvularia sessilifolia</i>	Sessile Bellwort
<i>Salvia lyrata</i>	Lyre-leaf Sage (page 26)	<i>Veratrum virginicum</i>	Virginia Bunchflower
<i>Sanguinaria canadensis</i>	Bloodroot	<i>Veratrum viride</i>	Green Hellebore
<i>Saururus cernuus</i>	Lizard's-tail, Water-dragon (page 26)	<i>Verbena hastata</i>	Blue Vervain
<i>Scutellaria elliptica</i>	Hairy Skullcap	<i>Vernonia noveboracensis</i>	New York Ironweed (page 27)
<i>Scutellaria integrifolia</i>	Hyssop Skullcap	<i>Viola cucullata</i>	Marsh Blue Violet
<i>Sericocarpus asteroides</i>	Toothed White-top Aster	<i>Viola labradorica</i>	Dog Violet
<i>Silene stellata</i>	Starry Champion	<i>Viola pedata</i>	Bird's-foot Violet (page 27)
<i>Sisyrinchium angustifolium</i>	Narrow-leaved Blue-eyed-grass (page 26)	<i>Viola sagittata</i>	Arrow-leaved Violet
<i>Sisyrinchium atlanticum</i>	Eastern Blue-eyed-grass	<i>Viola sororia</i>	Common Blue Violet
<i>Solidago altissima</i>	Tall Goldenrod	<i>Yucca filamentosa</i>	Common Yucca
<i>Solidago caesia</i> var. <i>caesia</i>	Blue-stemmed Goldenrod		
<i>Solidago juncea</i>	Early Goldenrod		
<i>Solidago nemoralis</i> var. <i>nemoralis</i>	Gray Goldenrod		
<i>Solidago odora</i>	Sweet Goldenrod		
<i>Solidago pinetorum</i>	Small's Goldenrod		
<i>Solidago rugosa</i>	Rough-stemmed Goldenrod		
<i>Solidago sempervirens</i>	Seaside Goldenrod (page 26)		
<i>Symphyotrichum grandiflorum</i>	Large-flowered Aster		
<i>Symphyotrichum laeve</i> var. <i>laeve</i>	Smooth Blue Aster		
<i>Symphyotrichum novi-belgii</i>	New York Aster (page 27)		

## Ferns

<i>Scientific Name</i>	<b>Common Name</b>
<i>Adiantum pedatum</i>	Northern Maidenhair Fern
<i>Asplenium platyneuron</i>	Ebony Spleenwort
<i>Athyrium asplenioides</i>	Southern Lady Fern
<i>Botrypus virginianus</i>	Rattlesnake Fern
<i>Dennstaedtia punctilobula</i>	Hay-scented Fern
<i>Dryopteris cristata</i>	Crested Wood Fern
<i>Dryopteris intermedia</i>	Evergreen Wood Fern
<i>Dryopteris marginalis</i>	Marginal Wood Fern
<b><i>Onoclea sensibilis</i></b>	<b>Sensitive Fern (page 28)</b>
<b><i>Osmunda spectabilis</i></b>	<b>Royal Fern (page 28)</b>
<b><i>Osmundastrum cinnamomeum</i></b>	<b>Cinnamon Fern (page 28)</b>
<b><i>Polystichum acrostichoides</i></b>	<b>Christmas Fern (page 28)</b>
<i>Pteridium aquilinum</i>	Southern Bracken Fern
<i>Thelypteris palustris</i>	Marsh Fern
<i>Woodwardia areolata</i>	Netted Chain Fern
<i>Woodwardia virginica</i>	Virginia Chain Fern

## Grass and Grass-Like Plants

<i>Scientific Name</i>	<b>Common Name</b>
<i>Agrostis perennans</i>	Autumn Bentgrass
<i>Ammophila breviligulata</i>	American Beach Grass
<b><i>Andropogon glomeratus</i></b>	<b>Bushy Bluestem (page 29)</b>
<i>Andropogon virginicus</i>	Broomstraw
<i>Arundinaria tecta</i>	Switch Cane
<i>Carex crinita</i>	Long-fringed Sedge
<i>Carex lurida</i>	Sallow Sedge
<i>Carex scoparia</i>	Broom Sedge
<b><i>Carex stricta</i></b>	<b>Tussock Sedge (page 29)</b>
<i>Carex vulpinoidea</i>	Fox Sedge
<i>Chasmanthium latifolium</i>	River Oats
<i>Danthonia sericea</i>	Silky Oatgrass
<i>Danthonia spicata</i>	Poverty Oatgrass
<i>Dichanthelium clandestinum</i>	Deer-Tongue Grass
<i>Dichanthelium commutatum</i>	Variable Panic Grass
<i>Distichlis spicata</i>	Saltgrass
<i>Dulichium arundinaceum</i>	Three-way Sedge
<i>Elymus hystrix</i>	Bottlebrush Grass
<i>Elymus virginicus</i>	Virginia Wild Rye
<i>Eragrostis spectabilis</i>	Purple Lovegrass
<i>Juncus canadensis</i>	Canadian Rush
<b><i>Juncus effusus</i></b>	<b>Common Rush (page 29)</b>
<i>Juncus roemerianus</i>	Black Needle Rush
<i>Leersia oryzoides</i>	Rice Cutgrass
<i>Luzula multiflora</i>	Common Woodrush
<i>Panicum amarum</i>	Southern Seabeach Grass
<b><i>Panicum virgatum</i></b>	<b>Switchgrass (page 29)</b>
<b><i>Schizachyrium scoparium</i></b>	<b>Little Bluestem (page 30)</b>
<i>Schoenoplectus pungens</i>	Common Threesquare

## Grass and Grass-Like Plants

Scientific Name	Common Name
<i>Schoenoplectus tabernaemontani</i>	Soft-stem Bulrush (page 30)
<i>Scirpus cyperinus</i>	Woolgrass (page 30)
<i>Sparganium americanum</i>	American Bur-reed
<i>Spartina alterniflora</i>	Saltmarsh Cordgrass (page 30)
<i>Spartina cynosuroides</i>	Big Cordgrass
<i>Spartina patens</i>	Saltmeadow Hay
<i>Spartina pectinata</i>	Freshwater Cordgrass
<i>Tridens flavus</i>	Purpletop, Tall Redtop
<i>Tripsacum dactyloides</i>	Eastern Gammagrass
<i>Typha latifolia</i>	Common Cattail
<i>Zizania aquatica</i>	Southern Wild Rice

## Vines

Scientific Name	Common Name
<i>Bignonia capreolata</i>	Cross-vine (page 31)
<i>Campsis radicans</i>	Trumpet-creeper (page 31)
<i>Celastrus scandens</i>	American Bittersweet
<i>Clematis virginiana</i>	Virgin's-bower (page 31)
<i>Decumaria barbara</i>	Climbing Hydrangea
<i>Gelsemium sempervirens</i>	Carolina Jessamine (page 31)
<i>Lonicera sempervirens</i>	Coral Honeysuckle (page 32)
<i>Mikania scandens</i>	Climbing Hempweed
<i>Parthenocissus quinquefolia</i>	Virginia-creeper (page 32)
<i>Passiflora incarnata</i>	Purple Passionflower (page 32)
<i>Wisteria frutescens</i>	American Wisteria (page 32)

## Shrubs

Scientific Name	Common Name
<i>Aralia spinosa</i>	Devil's Walking-stick
<i>Aronia arbutifolia</i>	Red Chokeberry (page 33)
<i>Aronia melanocarpa</i>	Black Chokeberry
<i>Baccharis halimifolia</i>	High-tide Bush (page 33)
<i>Callicarpa americana</i>	American Beauty-berry (page 33)
<i>Ceanothus americanus</i>	New Jersey Tea
<i>Cephalanthus occidentalis</i>	Buttonbush (page 33)
<i>Clethra alnifolia</i>	Sweet Pepperbush (page 34)
<i>Cornus amomum</i>	Silky Dogwood (page 34)
<i>Epigaea repens</i>	Trailing Arbutus
<i>Eubotrys racemosus</i>	Fetterbush
<i>Euonymus americanus</i>	Heart's-a-bustin' (page 34)
<i>Gaylussacia baccata</i>	Black Huckleberry
<i>Gaylussacia frondosa</i>	Dangleberry
<i>Hamamelis virginiana</i>	Witch Hazel (page 34)
<i>Hydrangea arborescens</i>	Wild Hydrangea (page 35)
<i>Ilex glabra</i>	Inkberry
<i>Ilex laevigata</i>	Smooth Winterberry
<i>Ilex verticillata</i>	Winterberry (page 35)
<i>Itea virginica</i>	Virginia Sweetspire (page 35)
<i>Iva frutescens</i>	Marsh-elder
<i>Kalmia latifolia</i>	Mountain Laurel
<i>Lindera benzoin</i>	Spicebush (page 35)
<i>Lyonia ligustrina</i>	Maleberry
<i>Lyonia mariana</i>	Staggerbush (page 36)
<i>Morella caroliniensis</i>	Evergreen Bayberry
<i>Morella cerifera</i>	Wax Myrtle (page 36)
<i>Morella pensylvanica</i>	Northern Bayberry

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## Shrubs

<i>Scientific Name</i>	<b>Common Name</b>
<i>Rhododendron atlanticum</i>	<b>Dwarf Azalea (page 36)</b>
<i>Rhododendron periclymenoides</i>	Pinxterbloom Azalea
<i>Rhododendron viscosum</i>	Swamp Azalea
<i>Rhus copallinum</i>	Winged Sumac
<i>Rhus glabra</i>	Smooth Sumac
<i>Rhus typhina</i>	Staghorn Sumac
<i>Rosa carolina</i>	Pasture Rose
<i>Rosa palustris</i>	<b>Swamp Rose (page 36)</b>
<i>Salix humilis</i>	Upland Willow
<i>Sambucus canadensis</i>	<b>Common Elderberry (page 37)</b>
<i>Spiraea tomentosa</i>	Steeplebush
<i>Stewartia ovata</i>	Mountain Stewartia
<i>Vaccinium pallidum</i>	<b>Early Lowbush Blueberry (page 37)</b>
<i>Vaccinium stamineum</i>	Deerberry
<i>Viburnum acerifolium</i>	Maple-leaf Viburnum
<i>Viburnum dentatum</i>	<b>Arrow-wood (page 37)</b>
<i>Viburnum nudum</i>	<b>Poosum-haw (page 37)</b>
<i>Viburnum prunifolium</i>	<b>Black Haw (page 38)</b>

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## Small/Medium Tree

<i>Scientific Name</i>	<b>Common Name</b>
<i>Alnus serrulata</i>	Smooth Alder
<i>Amelanchier arborea</i>	<b>Downy Serviceberry (page 38)</b>
<i>Amelanchier canadensis</i>	Canadian Serviceberry
<i>Asimina triloba</i>	Pawpaw
<i>Carpinus caroliniana</i>	American Hornbeam, Muscle Tree
<i>Castanea pumila</i>	<b>Allegheny Chinquapin (page 38)</b>
<i>Cercis canadensis</i>	<b>Eastern Redbud (page 39)</b>
<i>Chionanthus virginicus</i>	<b>Fringetree (page 39)</b>
<i>Cornus alternifolia</i>	Pagoda Dogwood
<i>Cornus florida</i>	<b>Flowering Dogwood (page 39)</b>
<i>Crataegus crus-galli</i>	Cockspur Hawthorn
<i>Ilex opaca</i>	<b>American Holly (page 39)</b>
<i>Magnolia virginiana</i>	<b>Sweetbay Magnolia (page 40)</b>
<i>Morus rubra</i>	Red Mulberry
<i>Salix nigra</i>	<b>Black Willow (page 40)</b>

# Large Trees

<i>Scientific Name</i>	<b>Common Name</b>	<i>Scientific Name</i>	<b>Common Name</b>
<i>Acer negundo</i>	Eastern Boxelder	<i>Quercus falcata</i>	Southern Red Oak
<i>Acer rubrum</i>	<b>Red Maple (page 40)</b>	<i>Quercus marilandica</i>	Blackjack Oak
<i>Betula nigra</i>	<b>River Birch (page 40)</b>	<i>Quercus michauxii</i>	Swamp Chestnut Oak
<i>Carya cordiformis</i>	Bitternut Hickory	<i>Quercus montana</i>	Chestnut Oak
<i>Carya glabra</i>	Pignut Hickory	<i>Quercus muehlenbergii</i>	Chinquapin Oak
<i>Carya tomentosa</i>	<b>Mockernut Hickory (page 41)</b>	<i>Quercus nigra</i>	Water Oak
<i>Celtis occidentalis</i>	Common Hackberry	<i>Quercus palustris</i>	Pin Oak
<i>Diospyros virginiana</i>	<b>American Persimmon (page 41)</b>	<i>Quercus phellos</i>	Willow Oak
<i>Fagus grandifolia</i>	<b>American Beech (page 41)</b>	<i>Quercus rubra</i>	Northern Red Oak
<i>Fraxinus americana</i>	White Ash	<i>Quercus stellata</i>	Post Oak
<i>Fraxinus pennsylvanica</i>	Green Ash	<i>Quercus velutina</i>	Black Oak
<i>Juglans nigra</i>	Black Walnut	<i>Robinia pseudoacacia</i>	Black Locust
<i>Juniperus virginiana</i>	<b>Eastern Red Cedar (page 41)</b>	<i>Sassafras albidum</i>	<b>Sassafras (page 43)</b>
<i>Liquidambar styraciflua</i>	Sweetgum	<i>Taxodium distichum</i>	<b>Bald-cypress (page 43)</b>
<i>Liriodendron tulipifera</i>	<b>Tulip-poplar (page 42)</b>	<i>Tilia americana</i>	<b>American Basswood (page 43)</b>
<i>Nyssa sylvatica</i>	<b>Black Gum (page 42)</b>	<i>Ulmus americana</i>	American Elm
<i>Oxydendrum arboreum</i>	<b>Sourwood (page 42)</b>		
<i>Pinus echinata</i>	Shortleaf Pine		
<i>Pinus strobus</i>	Eastern White Pine		
<i>Pinus taeda</i>	Loblolly Pine		
<i>Pinus virginiana</i>	Virginia Pine		
<i>Platanus occidentalis</i>	<b>American Sycamore (page 42)</b>		
<i>Prunus serotina</i>	Wild Black Cherry		
<i>Quercus alba</i>	White Oak		
<i>Quercus coccinea</i>	<b>Scarlet Oak (page 43)</b>		

# Sun Loving, Shade Loving and Deer Resistant Plants

Each plant description includes information on the optimal light and soil conditions for the plant. When planting a garden, however, you may want to focus only on sun loving or shade tolerant plants. These lists will help you choose plants for that special location. Those with an asterisk are deer resistant.

There are several resources that provide much more information on what plants do well in particular habitats (e.g., woodland areas, dry meadows, dunes, marshes) or can be used for specific purposes (e.g., control erosion on slopes, feature fall colors). So, be sure to check the references listed below, too.

## Herbaceous Plants for Sunny Gardens

*Aquilegia canadensis\**  
*Asclepias incarnata*  
*Asclepias tuberosa\**  
*Baptisia tinctoria*  
*Chrysopsis mariana*  
*Conoclinium coelestinum*  
*Eutrochium dubium*  
*Helenium autumnale\**  
*Hibiscus moscheutos\**  
*Iris versicolor\**  
*Kosteletzkya pentacarpos*  
*Lilium superbum*  
*Lobelia siphilitica\**  
*Lupinus perennis\**  
*Oenothera fruticosa*  
*Opuntia humifusa*  
*Packera aurea*  
*Phlox paniculata*  
*Rhexia virginica*  
*Rudbeckia hirta*

*Rudbeckia triloba*  
*Salvia lyrata*  
*Sisyrinchium augustifolium*  
*Solidago sempervirens*  
*Symphotrichum novi-belgii*  
*Vernonia noveboracensis*  
*Viola pedata*

*Most grasses and vines also like full sun.*

## Herbaceous Plants for Shady Gardens

*Arisaema triphyllum\**  
*Caltha palustris*  
*(wet areas)*  
*Chelone glabra*  
*Hexastylus virginica*  
*Mitchella repens*  
*Packera aurea*  
*Podophyllum peltatum\**  
*Polygonatum biflorum*  
*Ruellia caroliniensis*  
*Saururus cernuus*

*Most ferns and many shrubs also like shady areas.*

*\*Deer Resistant Plants*

### More information is available online

*To find the most accurate information, use the scientific name when searching databases.*

#### **Native Plants for Wildlife Habitat and Conservation Landscaping: Chesapeake Bay Watershed. U.S. Fish & Wildlife Service**

[nps.gov/plants/pubs/chesapeake](http://nps.gov/plants/pubs/chesapeake)

#### **Lady Bird Johnson Wildflower Center**

[wildflower.org](http://wildflower.org)  
[wildflower.org/collections](http://wildflower.org/collections)  
[wildflower.org/drought-resource-center](http://wildflower.org/drought-resource-center)

#### **USDA Plants Database** (*United States Department of Agriculture*)

[plants.usda.gov/java](http://plants.usda.gov/java)

#### **Virginia Department of Conservation and Recreation, Natural Heritage Program**

[dcr.virginia.gov/natural\\_heritage/nativeplants.shtml](http://dcr.virginia.gov/natural_heritage/nativeplants.shtml)

See the brochures on Coastal Plain Native Plants and Grasslands Native Plants

# Recommendations for the Garden and Landscape

## Key to terms and descriptions

Scientific Name: *Kosteletzkya pentacarpos*

Common Name: **Seashore Mallow, Salt Marsh Mallow**

## Plant Information

- Type:** **Perennial** means that the plant persists from year to year  
**Deciduous** means that the plant drops its leaves each fall  
**Evergreen** means that the plants stay green throughout the year
- Size:** Typically specifies height but may include spread and shape of the plant
- Flowers:** Describes bloom color and period, sometimes shape
- Fruit:** Describes fruit color, shape and time of appearance on plant
- Fall Color:** For shrubs and trees, describes the color that leaves turn in the fall
- Light:** Describes plant's requirements  
Full sun - 6 or more hrs  
Part shade - 2 to 6 hrs  
Shade - 2 hrs or less
- Soil:** Describes soil moisture and consistency
- Habitat:** Describes natural areas where plants might be found
- Benefits:** Describes benefits to wildlife
- Other:** Provides information on other benefits and characteristics

## A note on soils

Most soils on Virginia's Northern Neck are loamy soils, varying from heavier clay loams to sandy loams (loam is a mixture of sand, clay and silt). Soil types influence plant selections. Clay soils hold water longer and sandy soils dry more quickly. Remember that on sandier soils, water infiltration is much quicker, and more care should be taken in nitrogen fertilizer applications. Nitrogen fertilizer is very mobile and can leach to groundwater and move to surface water systems.

For details on soil types in your area, consult your county Soil Survey, or online, see USDA Soil Survey at [websoilsurvey.nrcs.usda.gov/app/WebSoilSurvey.aspx](http://websoilsurvey.nrcs.usda.gov/app/WebSoilSurvey.aspx)

For a soil fertility analysis, to see which nutrients may be necessary for your soil, contact your county VA Cooperative Extension office:

Lancaster	804 462-5780
Northumberland	804 580-5694
Richmond	804 333-3420
Westmoreland	804 493-8924

### Special Note

**Please take extreme care when harvesting native plants. Although one part of a plant can be harmless, another part can be poisonous or toxic. For example, the seeds of all *Prunus* species, found inside the fruits, contain poisonous substances and should never be eaten (e.g., Black Cherry). All *Ilex* species may be somewhat toxic if ingested (e.g., Inkberry, American Holly).**

## Herbaceous Plants



*Aquilegia canadensis*

**Wild Columbine**  
**Eastern Red Columbine**

- Type:** Perennial  
**Size:** Height 0.5-3 ft, spreads the same  
**Flowers:** Bicolor red and yellow bloom, May-July  
**Fruit:** Capsule  
**Light:** Full sun to part shade  
**Soil:** Moist rich soil, but will grow in dry conditions  
**Habitat:** Grows on slopes, cliffs, ledges, pastures and roadside banks.  
**Benefits:** Attracts hummingbirds, butterflies and beneficial insects.  
**Other:** Provides color for an extended period in the summer. Spreads by seed.



*Arisaema triphyllum*

**Common Jack-in-the-pulpit**

- Type:** Perennial  
**Size:** Height 1-3 ft  
**Flowers:** Striped purple or green, Apr-June  
**Fruit:** Red berry clusters  
**Light:** Dappled sun to shade  
**Soil:** Moist rich soil  
**Habitat:** Grows in moist wet woods, bogs and swamps.  
**Benefits:** Birds eat seeds.



*Asclepias incarnata*

**Swamp Milkweed**

- Type:** Perennial  
**Size:** Height 4-6 ft  
**Flowers:** Pink to purple, May-Aug  
**Fruit:** Pod, Aug-Nov  
**Light:** Full sun to part shade  
**Soil:** Moist, wet rich soils, but can tolerate drought  
**Habitat:** Found in tidal and non-tidal marshes, meadows, shrub swamps, woods, shores and ditches.  
**Benefits:** Flowers attract butterflies and hummingbirds. It is an important food source and host plant for the Monarch butterfly (*Danaus plexippus*).



*Asclepias tuberosa*

**Butterfly-weed**  
**Common Butterfly-weed**

- Type:** Perennial  
**Size:** Height 1-3 ft  
**Flowers:** Yellow-orange to bright orange, May-Sep  
**Fruit:** Pod, Aug-Nov  
**Light:** Full sun, part shade  
**Soil:** Moist or dry, well-drained sandy soils  
Can tolerate drought.  
**Habitat:** Found in open woods, clearings and roadsides.  
**Benefits:** Attracts butterflies and serves as an important host plant and nectar source for the Monarch butterfly (*Danaus plexippus*).  
**Other:** Butterfly-weed makes a delightful cut flower.

## Herbaceous Plants



*Baptisia tinctoria*

**Yellow Wild Indigo**  
**Horsefly Weed**

- Type:** Perennial  
**Size:** Height 1-3 ft  
**Flowers:** Yellow pea-like flowers, May-Sep  
**Fruit:** Pod  
**Light:** Full sun  
**Soil:** Dry, loamy, sandy, acidic soils, tolerates poor drainage  
**Habitat:** Found in dry open woods and clearings.  
**Benefits:** Serves as a host plant for Frosted elfin (*Callophrys irus*) and Wild indigo duskywing butterflies (*Erynnis baptisiae*).



*Caltha palustris*

**Cowslip**  
**Marsh Marigold**

- Type:** Perennial  
**Size:** Height 1-2 ft  
**Flowers:** Shiny yellow, May-June  
**Light:** Part shade, shade  
**Soil:** Wet or moist, humus-rich, acidic soils  
**Habitat:** Grows in wet woods, marshy hollows and along stream edges.  
**Benefits:** Nectar source for butterflies.  
**Warning:** Plant juices can cause blistering or inflammation on skin or mucous membranes, and can cause gastric illness if ingested.  
**Other:** Requires little care other than protection from drying winds in winter and early spring.



*Chelone glabra*

**White Turtlehead**

- Type:** Perennial  
**Size:** Height 1-4 ft  
**Flowers:** White or pink, July-Sep  
**Fruit:** Capsule  
**Light:** Full sun, part shade, or shade  
**Soil:** Light, rich, wet to moist soils  
**Habitat:** Found in brushy marshes, streambanks, wet ditches, low meadows and woodlands.  
**Benefits:** Nectar source for butterflies.  
**Other:** The distinctive shape of this flower is reflected in the genus name, derived from the Greek chelone (a tortoise).



*Chrysopsis mariana*

**Maryland Golden-aster**

- Type:** Perennial  
**Size:** Height 0.5-2.5 ft  
**Flowers:** Yellow, July-Oct  
**Light:** Full to part sun  
**Soil:** Dry sandy soils with good drainage  
**Habitat:** Grows in woods, open fields and roadsides.  
**Benefits:** Attractive to bees, butterflies and birds.  
**Other:** Spreads to form ground cover. Good front of border plant.

## Herbaceous Plants



*Conoclinium coelestinum*

**Mistflower**  
**Ageratum**

- Type:** Perennial  
**Size:** Height 1-3.5 ft  
**Flowers:** Bright blue or violet, July-Nov  
**Fruit:** Capsule  
**Light:** Full sun, part shade  
**Soil:** Moist clay, loam or sandy soil  
**Habitat:** Found along wood margins and streambanks, also in low woods, wet meadows and ditches.  
**Benefits:** Attracts late-season butterflies.  
**Other:** Spreads quickly and is good as a groundcover or for areas with poor drainage.



*Eutrochium dubium*

**Three-nerved**  
**Joe-pye-weed**

- Type:** Perennial  
**Size:** Height 2- 5 ft  
**Flowers:** Purple, rarely white, July-Oct  
**Fruit:** Capsule  
**Light:** Full sun, part shade  
**Soil:** Moist, sandy acidic soil  
**Habitat:** Found in swamps, bogs, marshes and swales.  
**Benefits:** Attracts butterflies, especially swallowtails and monarchs. Fluffy seed heads provide nesting materials for birds.  
**Other:** While the flower heads last a long time, this is one perennial that does not re-bloom if you remove spent blossoms. Leave old flower heads on the plant and let them go to seed.



*Helenium autumnale*

**Common Sneezeweed**

- Type:** Perennial  
**Size:** 1.5-5 ft  
**Flowers:** Yellow, July-Nov  
**Fruit:** Capsule  
**Light:** Full sun  
**Soil:** Moist clay  
**Habitat:** Found in open areas along streams and ponds and wet meadows.  
**Benefits:** Attracts butterflies.  
**Other:** The common name is based on the former use of its dried leaves to make snuff, not from the effects of its pollen. It was inhaled to cause sneezing that would supposedly rid the body of evil spirits.



*Hexastylis virginica*

**Virginia Heartleaf**

- Type:** Perennial  
**Size:** Height 0.5 ft  
**Flowers:** Purple, brown jug-like flowers beneath leaf litter  
**Light:** Dappled sun to shade  
**Soil:** Rich moist soils with leaf cover  
**Habitat:** Grows in upland woods, swamps and bogs.  
**Benefits:** Attracts pollinators.  
**Other:** Leaves are leathery, lustrous and evergreen. Plants can spread to form a ground cover for very low to no traffic areas.

## Herbaceous Plants



*Hibiscus moscheutos*

**Swamp Rose-mallow**  
**Eastern Rose-mallow**  
**Crimson-eyed**  
**Rose-mallow**

- Type:** Perennial  
**Size:** Height 3-8 ft  
**Flowers:** Creamy-white, July-Sep  
**Light:** Full sun, part shade  
**Fruit:** Brown capsule, Sep-Mar  
**Soil:** Wet or moist soil  
**Habitat:** Grows in swampy forests, wet meadows and freshwater marsh edges.  
**Benefits:** Nectar source for hummingbirds.  
**Other:** Plants starts growing late in the season and flower over a long period.



*Iris versicolor*

**Larger Blue Flag**  
**Northern Blue Flag**

- Type:** Perennial  
**Size:** Height 2-3 ft  
**Flowers:** Shades of purple, May-Aug  
**Fruit:** Green to brown capsule  
**Light:** Full sun, part shade  
**Soil:** Wet or moist, acidic soils (can tolerate complete submergence)  
**Habitat:** Grows in meadows, along streambanks and in marshes and swamps.  
**Benefits:** Attracts hummingbirds and other birds.



*Kosteletzkya pentacarpos*  
(also *K. virginica*)

**Seashore Mallow**  
**Salt Marsh Mallow**

- Type:** Perennial  
**Size:** Height 1.5-4.5 ft, spreads to 4 ft  
**Flowers:** Light pink, June-Oct  
**Light:** Full sun  
**Soil:** Moist, prefers sand, will tolerate clay soils, moderately salt tolerant, does best with high acidity  
**Habitat:** Grows in brackish marshes and swamps.  
**Benefits:** Attracts hummingbirds and butterflies.



*Lilium superbum*

**Turk's-cap Lily**

- Type:** Perennial  
**Size:** Height 4-8 ft  
**Flowers:** Red-orange or yellow-orange, July-Sep  
**Fruit:** Capsule  
**Light:** Full sun to part shade  
**Soil:** Moist, loamy, sandy, acidic soils (good drainage essential)  
**Habitat:** Wet meadows, swamps and woods  
**Benefits:** Attracts hummingbirds.  
**Other:** Largest and most spectacular of the native lilies; up to 40 flowers have been recorded on a single plant.

## Herbaceous Plants



*Limonium carolinianum*

**Sea Lavender**  
**Carolina Sea Lavender**

**Type:** Perennial  
**Size:** Height 0.5-2 ft  
**Flowers:** Lavender, July-Oct  
**Light:** Prefers full sun  
**Soil:** Moist, rich clay, loam or sandy soils  
**Habitat:** Grows in irregularly flooded high salt marshes. Tolerates high salinity.  
**Benefits:** Provides nectar for bees.  
**Other:** Makes a lovely delicate spray in fresh or dried flower arrangements.



*Lobelia cardinalis*

**Cardinal Flower**

**Type:** Perennial  
**Size:** Height 1-6 ft  
**Flowers:** Red, July-Oct  
**Light:** Full sun to part shade  
**Soil:** Moist, rich clay, loam or sandy soils, not drought tolerant  
**Habitat:** Grows in low areas, woodland edges, streambanks, roadsides and meadows.  
**Benefits:** Attracts birds and butterflies. Depends on hummingbirds, which feed on the nectar, for pollination.



*Lobelia siphilitica*

**Great Blue Lobelia**

**Type:** Perennial  
**Size:** Height 1-5 ft  
**Flowers:** Blue, Aug-Oct  
**Fruit:** Capsule  
**Light:** Full sun to full shade  
**Soil:** Moist, rich clay, loam or sandy soils, not drought tolerant  
**Habitat:** Grows in moist to wet wood lands, meadows and swamps.  
**Benefits:** Attracts birds, butterflies, hummingbirds and beneficial insects.



*Lupinus perennis*

**Sundial Lupine**

**Type:** Perennial  
**Size:** Height 1-2 ft  
**Flowers:** Blue, Apr-June  
**Light:** Full to partial sun  
**Soil:** Dry sandy soils  
**Habitat:** Grows in open woods, fields, roadsides and banks.  
**Benefits:** Attracts butterflies.  
**Other:** Best propagated by seed.

## Herbaceous Plants



*Mitchella repens*

**Partridge-berry**

- Type:** Perennial  
**Size:** 0.5 ft, creeping  
**Flowers:** Pinkish-white, May-July  
**Fruit:** Red berry, July-Dec  
**Light:** Part shade to shade  
**Soil:** Moist or dry, humus-rich, sandy or loamy, acidic soils  
**Habitat:** Found in dry or moist woods, along streambanks and on sandy slopes.  
**Benefits:** Berries eaten by birds and mammals.  
**Other:** Can be used as a ground cover under acid-loving shrubs.



*Oenothera fruticosa*

**Narrow-leaf Sundrops**  
**Southern Sundrops**

- Type:** Perennial  
**Size:** Height 1-3 ft  
**Flowers:** Golden-yellow, May-Sep  
**Light:** Full sun  
**Soil:** Moist, acidic, well-drained soils (tolerant of brackish and lime soils)  
**Habitat:** Found in dry woods, meadows and along roadsides.  
**Benefits:** Attracts birds, hummingbirds and beneficial insects.  
**Other:** This plant spreads rapidly under favorable conditions but does not usually become aggressive.



*Opuntia humifusa*

**Eastern Prickly-pear**

- Type:** Perennial  
**Size:** Height 0.5-1 ft  
**Flowers:** Yellow, June-July  
**Fruit:** Purplish to deep red, fleshy  
**Light:** Full sun  
**Soil:** Sandy with good drainage  
**Habitat:** Grows in sandy and rocky areas, dry pastures and road banks.  
**Benefits:** Attracts native bees. Fruits attractive to turtles and birds.  
**Other:** Fruit is edible and can be used for jelly. Bristles can cause skin irritation. Plant forms large clumps.



*Packera aurea*

**Golden Ragwort**  
**Heartleaf Ragwort**

- Type:** Perennial  
**Size:** Height 0.5-2 ft  
**Flowers:** Yellow, May-Aug  
**Light:** Any sun condition  
**Soil:** Rich moist loam  
**Habitat:** Grows in moist fields, woods, floodplains and along roadsides.  
**Benefits:** Attracts butterflies.  
**Other:** This wetland plant is evergreen and versatile with nice foliage. It provides interest in the garden from bud to bloom. Can be an aggressive spreader, so deadhead if control is desired.

## Herbaceous Plants



*Phlox paniculata*

**Fall Phlox, Garden Phlox**

**Type:** Perennial  
**Size:** Height 1.5-6.5 ft  
**Flowers:** Pink, purple, or white, June-Oct  
**Light:** Full sun  
**Soil:** Moist, organic loam  
**Habitat:** Found in open woods, thickets and meadows and along roadsides.  
**Benefits:** Attracts hummingbirds, butterflies and beneficial insects.



*Podophyllum peltatum*

**Mayapple**

**Type:** Perennial  
**Size:** Height 1-2 ft  
**Flowers:** White flowers under leaves in early May  
**Light:** Dappled sun to shade  
**Soil:** Rich moist loam with good drainage  
**Habitat:** Found in rich woods.  
**Benefits:** Wildlife eat the fruit.  
**Other:** Can be used as a ground cover in areas without traffic, but leaves disappear in summer. Ripe fruit is edible and can be used for jelly. *Warning: unripe fruit, leaves and roots are poisonous.*



*Polygonatum biflorum*

**Solomon's Seal**

**Type:** Perennial  
**Size:** Height 0.5-6.5 ft  
**Flowers:** White, Apr-June  
**Light:** Partial sun to full shade  
**Soil:** Dry to moist, rich loam or sandy soil  
**Habitat:** Found in woodlands, old fields and clearings.  
**Benefits:** Flowers visited by humming birds and bumblebees. Provides fruit for birds and small mammals in late summer. Provides wildlife cover.  
**Other:** Slowly spreads and creates a nodding blanket of foliage that turns a golden yellow in autumn.



*Pontederia cordata*

**Pickerelweed**

**Type:** Perennial  
**Size:** 3-3.5 ft  
**Flowers:** Purple-blue spikes, June-Nov  
**Light:** Full sun to part shade  
**Soil:** Moist clay, loam or sandy soils  
**Habitat:** Found in shallow, quiet water, fresh and brackish, tidal and non-tidal marshes.  
**Benefits:** Provides nectar for bees and butterflies. Good for wetland gardens and habitat. Seeds eaten by waterfowl. Attracts dragonflies.  
**Other:** The seeds can be eaten like nuts and the young leaf stalks cooked as greens.

## Herbaceous Plants



*Rhexia virginica*

### Virginia Meadow Beauty

- Type:** Perennial  
**Size:** Height 1-3.5 ft  
**Flowers:** Dark pink, June-Sep  
**Light:** Full sun  
**Soil:** Wet loam  
**Habitat:** Found in wet open areas.  
**Benefits:** Attracts bees, deer browse the plant.  
**Other:** Has a distinctive urn-shaped fruit that Thoreau once compared to a tiny cream pitcher.



*Rudbeckia hirta*

### Black-eyed Susan

- Type:** Perennial  
**Size:** 1-3.5 ft  
**Flowers:** Bright yellow with dark center, June-Oct  
**Light:** Full sun, part shade, or shade (may bloom longer with some afternoon shade)  
**Soil:** Moist to dry, well-drained acidic soils (drought tolerant)  
**Habitat:** Found in meadows, pastures and woodland edges.  
**Benefits:** Birds enjoy the ripe seeds. Nectar attracts bees and butterflies.  
**Other:** Excellent as cut flowers.



*Rudbeckia triloba*

### Three-lobed Coneflower Brown-eyed Susan

- Type:** Perennial  
**Size:** Height 1.5-4.5 ft  
**Flowers:** Yellow, orange with dark center, July-Oct  
**Light:** Full to partial sun  
**Soil:** Dry to moist soils  
**Habitat:** Grows in fields, open woods and along roadsides.  
**Benefits:** Provides nectar for birds, butterflies and other insects as well as seeds for songbirds.  
**Other:** Drought and pest resistant. Will self seed easily and spread.



*Ruellia caroliniensis*

### Carolina Wild-petunia Common Wild-petunia

- Type:** Perennial  
**Size:** Height 1-2 ft  
**Flowers:** Lavender to medium bluish-purple, June-Sep  
**Light:** Full to partial shade  
**Soil:** Moist clay, loam or sandy soils  
**Habitat:** Found in open woods, fields and thickets.  
**Benefits:** Provides nectar for bees and butterflies. Serves as a host plant for Buckeye butterfly caterpillars.  
**Other:** Blossoms last a day or two, but new flowers form in succession. Self seeding and easily transplanted.

## Herbaceous Plants



*Salvia lyrata*

**Lyre-leaf Sage**

- Type:** Perennial  
**Size:** Height 1-2 ft  
**Flowers:** Pale violet, Apr-June  
**Light:** Full to partial sun  
**Soil:** Dry to moist, loam or clay  
**Habitat:** Grows in pastures, upland woods, thickets and waste areas.  
**Benefits:** Attracts hummingbirds and butterflies.  
**Other:** Leaf shaped vaguely like a lyre. Mint family with four-sided flower stem, but no fragrant aroma. Tolerates periodic flooding and can take drought.



*Saururus cernuus*

**Lizard's-tail  
Water-dragon**

- Type:** Perennial  
**Size:** Height 1.5-4 ft  
**Flowers:** White, May-Sep  
**Light:** Part shade, shade  
**Soil:** Wet, moist, muddy soils, can be inundated up to 4 in. deep  
**Habitat:** Found in still water, wet lowlands and stream edges.  
**Benefits:** Attracts birds.  
**Other:** Great spreading ground cover for moist soils, shallow water, and containers. Good for wetland gardens and habitat. Colonizes large areas.



*Sisyrinchium angustifolium*  
(*S. graminoides*)

**Narrow-leaved  
Blue-eyed grass**

- Type:** Perennial  
**Size:** Height 0.5-1.5 ft  
**Flowers:** Blue, Apr-June  
**Light:** Full to partial sun  
**Soil:** Medium moisture, well-drained clay or loam  
**Habitat:** Found in grassy areas, woodlands, fields and meadows.  
**Benefits:** Provides cover for small wildlife and nectar for pollinators.  
**Other:** Is deer resistant. Belongs to the iris not grass family. Clump forming and spreads. Divide every 2 to 3 years to keep plantings vigorous.



*Solidago sempervirens*

**Seaside Goldenrod**

- Type:** Perennial  
**Size:** Height 2-8 ft  
**Flowers:** Deep yellow, July-Nov  
**Light:** Full sun  
**Soil:** Moist, sandy soils  
**Habitat:** Found on sandy shores and in dunes.  
**Benefits:** Attracts birds and migrating Monarch butterflies (*Danaus plexippus*).  
**Other:** Pinch the growing tips in June for a more compact plant. This goldenrod does not spread by rhizomes or become invasive.

## Herbaceous Plants



*Symphyotrichum  
novi-belgii*

### New York Aster

- Type:** Perennial  
**Size:** Height 1-4.5 ft  
**Flowers:** Purple, blue-violet, July-Oct  
**Light:** Full sun  
**Soil:** Moist loam  
**Habitat:** Found in freshwater and tidal marshes.  
**Benefits:** Attracts butterflies. A larval host to the Pearl Crescent butterfly (*Phyciodes tharos*).



*Vernonia  
noveboracensis*

### New York Ironweed

- Type:** Perennial  
**Size:** Height 3.5-8 ft  
**Flowers:** Purplish-blue with yellow center, Aug-Oct  
**Light:** Full or partial sun  
**Soil:** Moist to wet loam  
**Habitat:** Found in floodplain forests, alluvial swamps, riverbanks, fens, wet meadows, low fields and freshwater marshes.  
**Benefits:** Abundant nectar source for butterflies and other pollinators.  
**Other:** Tolerates deer, will spread and is tolerant of a wide range of soils and conditions.



*Viola pedata*

### Birds-foot Violet

- Type:** Perennial  
**Size:** Height 3-6 in.  
**Flowers:** Purple with orange centers, Mar-June  
**Light:** Full to partial sun  
**Soil:** Well-drained sand or loam  
**Habitat:** Found on sandy, dry forested slopes.  
**Benefits:** Provides nectar for insects. Serves as larval food for some fritillary butterflies. Song birds eat the seed.  
**Other:** Makes a good ground cover. Tolerates dry soil, shallow, rocky soil, drought and deer.

# Ferns



*Onoclea sensibilis*

## Sensitive Fern Bead Fern

- Type:** Perennial, deciduous  
**Size:** Height few inches to more than 3 ft  
**Flowers:** Non-flowering / reproduces by spores  
**Light:** Part shade to full shade  
**Soil:** Moist to wet, loose, sandy or loamy, acidic soils  
**Habitat:** Grows in woodlands, flood plains, swamps and marshes and along streambanks.  
**Benefits:** Shelters salamanders and frogs and attracts birds.  
**Other:** Cut fronds are nice in flower arrangements. Fiddleheads appear in the spring in shades of pale red. The roots colonize but are usually shallow.



*Osmunda spectabilis*

## Royal Fern

- Type:** Perennial, deciduous  
**Size:** 2-5 ft high, 18 in. wide  
**Flowers:** Non-flowering / reproduces by spores  
**Light:** Part shade to full shade  
**Soil:** Wet, sandy, clay or loam, acidic soils, tolerates year-round shallow water  
**Habitat:** Grows in freshwater wetlands and along streambanks.  
**Benefits:** Provides cover for wildlife.  
**Other:** Can spread to become a ground cover.



*Osmundastrum cinnamomeum*

## Cinnamon Fern

- Type:** Perennial, deciduous  
**Size:** Height 6 ft  
**Flowers:** Non-flowering, thick spore-bearing spikes, that turn from green to chocolate brown, appear Apr-May.  
**Light:** Full sun, part shade, shade  
**Soil:** Muddy, sandy, clay or loam, acidic soils  
**Habitat:** Grows in boggy areas and shaded ledges.  
**Benefits:** Fuzz that covers the young fiddleheads is a favorite nesting material for birds.  
**Other:** Bristly root crown, called osmunda fiber, used as a potting medium for orchids.



*Polystichum acrostichoides*

## Christmas Fern

- Type:** Perennial, evergreen  
**Size:** Height 1-3 ft  
**Flowers:** Non-flowering / reproduces by spores  
**Light:** Part shade to full shade  
**Soil:** Moist, well-drained, humus-rich, sandy, acidic soils (does not tolerate standing water)  
**Habitat:** Found in moist to dry rocky woods.  
**Benefits:** Provides cover for birds and food for turtles.  
**Other:** Good, evergreen border or accent plant.

## Grasses and Grass-like Plants



*Andropogon glomeratus*

### Bushy Bluestem

- Type:** Perennial  
**Size:** Height 2-5 ft  
**Flowers:** White, brown, Aug-Nov  
**Light:** Full sun  
**Soil:** Wet or moist, relatively sterile, sandy, clay or loam soils, tolerates salinity  
**Habitat:** Found in low, moist grassland areas often with poor drainage.  
**Benefits:** Provides seed and nesting material for birds.  
**Other:** Can be a luxurious addition to a fall flower display and is ideal for wetland gardens. Best for large-scale gardens and landscapes, because the seeds are heavy and may fall over once the plant reaches maximum height.



*Carex stricta*

### Tussock Sedge Upright Sedge

- Type:** Perennial  
**Size:** 1-3 ft high, 3 ft wide  
**Flowers:** Greenish/brownish spikes, Apr-Aug  
**Light:** Full sun  
**Soil:** Moist clay, loam or sandy soils  
**Habitat:** Grows in swamps, low woods and seasonally flooded sites.  
**Benefits:** Excellent nesting habitat for rails and snipes.  
**Other:** Harvested for insulation in ice packing houses and used for rug making.



*Juncus effusus*

### Common Rush Soft Rush

- Type:** Perennial  
**Size:** Height 1-4 ft  
**Flowers:** Small, greenish-brown, June-Sep  
**Light:** Full sun  
**Soil:** Wet or moist, clay, sandy or loam soils  
**Habitat:** Grows in swamps and on damp open ground.  
**Benefits:** Birds find shelter among the stems. Provides very good shoreline protection.



*Panicum virgatum*

### Switchgrass

- Type:** Perennial  
**Size:** Height 3-6 ft  
**Flowers:** Red-purple seed head, Aug-Oct  
**Light:** Full sun, part shade  
**Soil:** Dry to moist, sandy, clay or loam soils, tolerates poor drainage  
**Habitat:** Found in open areas and along streambanks.  
**Benefits:** Seeds eaten by songbirds. Provides cover from the wind and nesting material. Larval host to Delaware Skipper (*Anatrytone logan*).  
**Other:** The rich, yellow-colored clumps last throughout the winter.

## Grasses and Grass-like Plants



*Schizachyrium scoparium*

### Little Bluestem

- Type:** Perennial  
**Size:** Very dense mounds at 1.5-4 ft high  
**Flowers:** White seed head, Aug-Oct  
**Light:** Full sun, part shade  
**Soil:** Dry, well-drained, sandy, clay or loam soils  
**Habitat:** Grows along woodland edges on hillsides and slopes and in open areas.  
**Benefits:** In winter the seeds, fuzzy white at maturity, are of particular value to small birds.  
**Other:** Wonderful planted en masse, it provides ranges from blue-green stems in late summer to radiant mahogany-red with white cotton-tufted seedheads in fall. A reddish-tan color persists through winter.



*Schoenoplectus tabernaemontani* (*Scirpus validus*)

### Soft-stem Bulrush

- Type:** Perennial  
**Size:** Height 4-10 ft  
**Flowers:** Stalked, reddish-brown spikelets, May-June  
**Light:** Full sun  
**Soil:** Moist or wet, usually poorly drained soil, tolerates a wide range of salinity  
**Habitat:** Found in deep or shallow water, or in muddy or marshy ground around lakes, ponds, streams and wooded wetlands.  
**Benefits:** Provides food and cover for fish, muskrats, otters, ducks, shorebirds and marsh birds. Provides erosion control from wind and wave action.



*Scirpus cyperinus*

### Woolgrass

- Type:** Perennial  
**Size:** Height 4-5 ft  
**Light:** Full sun  
**Flowers:** Woolly bristles surround clusters of brownish nutlets atop a triangular stem, Aug-Sep  
**Soil:** Moist to wet clay, loam, or sandy soils  
**Habitat:** Grows in tidal and nontidal marshes, swamps, forested wetlands, wet meadows, ditches, ponds and bogs.  
**Benefits:** Provides food and cover for waterfowl and other wildlife.  
**Other:** Grows in large clumps.



*Spartina alterniflora*

### Saltmarsh Cordgrass Smooth Cordgrass

- Type:** Perennial  
**Size:** Height 2-7 ft  
**Light:** Full sun  
**Flowers:** Greenish, May-Aug  
**Soil:** Wet clay, loam or sandy soil  
**Habitat:** Grows in tidal marshes, salt flats and overwash ponds.  
**Benefits:** Provides food and cover for songbirds, waterfowl and other wildlife.  
**Other:** Good for shoreline stabilization.

## Vines



*Bignonia capreolata*

### Cross-vine

- Type:** Perennial, evergreen  
**Size:** Height 36-50 ft  
**Flowers:** Two-tone, red and yellow trumpets, Mar-May  
**Light:** Full sun, part shade. Best flowers in full sun  
**Soil:** Moist, well-drained, acidic or calcareous, sandy or clay soils, tolerates cold and brief flooding  
**Habitat:** Found in floodplain forests, swamps, dry upland forests and rocky woodlands.  
**Benefits:** An early nectar source for butterflies and hummingbirds.  
**Other:** Claws at the end of its tendrils allow crossvine to cling to stone, bricks and fences without support.



*Campsis radicans*

### Trumpet-creeper

- Type:** Perennial, deciduous  
**Size:** Up to 35 ft high  
**Flowers:** Reddish orange, June-Sep  
**Light:** Full sun  
**Soil:** Well-drained, sandy, loam or clay soils, high drought tolerance  
**Habitat:** Found moist woods or along fence rows in old fields.  
**Benefits:** Bright trumpet-shaped flowers attract hummingbirds.  
**Other:** With its vigorous growth habits, trumpet vine is a good soil stabilizer. Cut back branches to two buds in the winter to encourage bushier growth and more blooms.



*Clematis virginiana*

### Virgin's-bower

- Type:** Perennial, deciduous  
**Size:** 12-15 ft  
**Flowers:** Clusters of creamy white flowers that into showy clusters of silky seeds that glisten with backlighting. July-Sep  
**Light:** Full sun, part shade, shade  
**Soil:** Moist to dry, rich soils  
**Habitat:** Found in woods, clearings and along fence rows.  
**Benefits:** Attracts hummingbirds and butterflies.  
**Other:** Lacking tendrils, the vine supports itself by means of twisted stems, or petioles, that wrap around other plants. These stems can grow 20 ft in one year. They may be pruned at any time during the growing season.



*Gelsemium sempervirens*

### Carolina Jessamine Yellow Jessamine

- Type:** Perennial, evergreen  
**Size:** 10-20 ft  
**Flowers:** Yellow, Dec-May  
**Light:** Full sun, part shade (best in sun)  
**Soil:** Moist, well-drained, humus-rich, sandy or clay soils, adaptable to any range of pH and tolerant of heat and cold  
**Habitat:** Found in sandy woodlands, swamps and clearings  
**Benefits:** Aromatic, showy evergreen vine whose flowers attract hummingbirds and Swallowtail butterflies.  
**Other:** It is quite adaptable and tenacious, with no serious disease or insect problems. All parts of this plant are toxic.

## Vines



*Lonicera sempervirens*

### Coral Honeysuckle Trumpet Honeysuckle

- Type:** Perennial, evergreen  
**Size:** 3-20 ft  
**Flowers:** Red flowers with some yellow, Mar-June  
**Fruit:** Bright-red berries  
**Light:** Full sun (best), part shade  
**Soil:** Rich, moist soils preferred, tolerates poor drainage for short periods  
**Habitat:** Found in upland forests and woodlands, floodplain forests, dunes and in clearings and disturbed areas.  
**Benefits:** Frequently visited by hummingbirds and butterflies. Fruits attract Purple Finch, American Goldfinch, Hermit Thrush, and American Robin.  
**Other:** This beautiful vine is great for arbors.



*Parthenocissus quinquefolia*

### Virginia-creeper

- Type:** Perennial, deciduous  
**Size:** 3-40 ft  
**Flowers:** Yellowish-green, May-June  
**Light:** Full sun, part shade, shade  
**Soil:** Moist, well-drained, clay, loam and sandy soils  
**Habitat:** Grows in open woodlands and shaded woods, and along stream and riverbanks.  
**Benefits:** Birds eat fruit through the winter.  
**Other:** Leaves turn brilliant mauve, red and purple in early fall. Berries turn from red to blue to black. A vigorous grower, it adheres via adhesive discs rather than penetrating rootlets.



*Passiflora incarnata*

### Purple Passionflower Maypop

- Type:** Perennial  
**Size:** Up to 25 ft, with sprawls on ground  
**Flower:** Lavender, Apr-Sep  
**Fruit:** Orange-yellow berry, June-Sep  
**Light:** Full sun, part shade  
**Soil:** Moist, rich, clay and sandy, non saline soils  
**Habitat:** Found along roadsides, streams and riverbanks and in meadows, woodland edges or open.  
**Benefits:** Birds eat fruit and flower attracts butterflies.  
**Other:** Showy ornamental for arbors and fences, walls and columns. Maypop refers to pop of the berries when crushed.



*Wisteria frutescens*

### American Wisteria

- Type:** Perennial, deciduous  
**Size:** 25-30 ft  
**Flowers:** Lilac or bluish purple, May-June  
**Light:** Full sun, part shade, shade  
**Soil:** Moist, rich, sandy, loam or clay, neutral to slightly acidic soils  
**Habitat:** Moist or wet woods, upland thickets and along river banks.  
**Benefits:** Attracts butterflies. Larval host to Zarucco duskywing skipper (*Erynnis zarucco*).  
**Other:** Large, fragrant, drooping clusters of flowers appear after the plant has leafed out. This makes it different from the more aggressive Asian species.

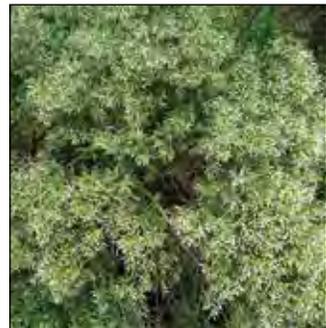
## Shrubs



*Aronia arbutifolia*  
(*Photinia pyrifolia*)

### Red Chokeberry

- Type:** Deciduous  
**Size:** 1.5-12 ft tall  
**Flowers:** Flat-topped clusters of white, five-petaled flowers with red anthers, Mar  
**Fruit:** Red berries, Sep-Dec  
**Fall Color:** Dark green, glossy leaves turn a rich, orange-red  
**Light:** Full sun to part shade  
**Soil:** Dry, moist or wet, clay loam and sandy soils  
**Habitat:** Found in forested wetlands, shrub bogs and upland forests and fields.  
**Benefits:** Berries provide winter food for songbirds.  
**Other:** Reddish-brown, exfoliating bark adds color in the winter.



*Baccharis halimifolia*

### High-tide Bush Groundsel Tree

- Type:** Deciduous  
**Size:** Height 6-12 ft  
**Flowers:** White to green, Aug-Oct  
**Fruit:** Silvery, plume-like seeds on female plants, Oct-Nov  
**Fall Color:** Purple  
**Light:** Full sun, part shade  
**Soil:** Wet to dry, clay, sandy, or loam soils  
**Habitat:** Found in fresh to salt marshes, ditches, shores and dunes.  
**Benefits:** Marsh wrens and other small birds frequently nest in the openly branched, brittle stems.  
**Other:** Small gray-green oval leaves create a soft look. Tolerant of saltwater spray, thus some times called Salt Bush.



*Callicarpa americana*

### American Beauty-berry French-mulberry

- Type:** Deciduous  
**Size:** Height 3-6 ft  
**Flowers:** Small pink flowers, June-Aug  
**Fruit:** Dense clusters of lavender berries, Sep-Mar  
**Light:** Full sun to part shade  
**Soil:** Moist, rich, sandy and clay, acidic soils  
**Habitat:** Found in upland forests, forest edges and disturbed areas.  
**Benefits:** Seeds and berries are important foods for many species of birds.  
**Other:** Useful as a screen in wet or wooded locations or under shade trees in a garden setting. If overgrown, can be pruned to 6-18" tall. It will regain height in one season.



*Cephalanthus occidentalis*

### Buttonbush

- Type:** Deciduous  
**Size:** Height and spread 6-12 ft  
**Flowers:** White or pale pink flowers resembling pincushions, July-Aug  
**Fruit:** Green to brown button-like balls, Sep-Jan  
**Fall Color:** Yellow-green  
**Light:** Part shade, shade  
**Soil:** Wet, clay and sandy soils, tolerates poor drainage or standing water  
**Habitat:** Found in fresh tidal marshes, swamps, forested wetlands, lakes and pond edges.  
**Benefits:** Ducks and other water birds and shorebirds consume the seeds and its nectar attracts bees and butterflies.

## Shrubs



*Clethra alnifolia*

**Coastal White-adler  
Sweet Pepperbush**

- Type:** Deciduous  
**Size:** Height 6-12 ft in mounded clumps  
**Flowers:** Spike-like, upright clusters of fragrant white flowers, July-Aug  
**Fruit:** Brown capsules, Sep-Feb  
**Fall Color:** Dull yellow to orange  
**Light:** Part shade, shade  
**Soil:** Wet to moist, acidic  
**Habitat:** Grows in tidal and nontidal forested wetlands, swamps, woods and lakeshores. Tolerates salt spray.  
**Benefits:** Attracts butterflies and other beneficial insects, songbirds, and waterfowl.



*Cornus amomum*

**Silky Dogwood**

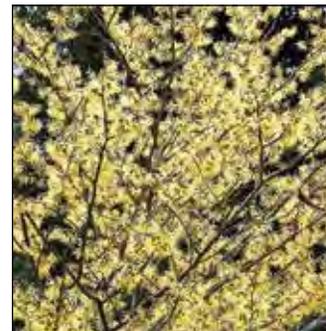
- Type:** Deciduous  
**Size:** Height 6-12 ft  
**Flowers:** White, May-June  
**Fruit:** Blue berry, Aug  
**Fall Color:** Orange, red or purple  
**Light:** Full sun to part shade  
**Soil:** Moist or wet, clay, loam or sand  
**Habitat:** Found in forested wetlands, floodplains, stream and pond banks and clearings.  
**Benefits:** High wildlife value for songbirds, waterfowl and small mammals.



*Euonymus americanus*

**Strawberry-bush  
American  
Strawberry-bush  
Heart's-a-bustin'**

- Type:** Deciduous  
**Size:** Height 2-6 ft  
**Flowers:** Yellowish-green or greenish purple, Mar-June  
**Fruit:** Yellow rounded capsule with a warty surface, summer-fall  
**Fall Color:** Dark red leaves and fruit capsules, which break open exposing bright red seeds, Sep-Oct  
**Light:** Partial to full sun  
**Soil:** Well-drained, humus-rich  
**Habitat:** Grows in deciduous woods, sandy thickets, swamps, shady edges, ravines and stream sides.  
**Benefits:** Provides food for deer, rabbit, wild turkey and songbirds.  
**Other:** In winter, the green twigs are attractive.



*Hamamelis virginiana*

**Witch Hazel**

- Type:** Deciduous  
**Size:** Height 10-30 ft, spreading branches form an open crown.  
**Flowers:** Fragrant, yellow flowers, Sep-Dec  
**Fruit:** Brown capsule, Oct-Nov  
**Fall Color:** Gold  
**Light:** Part shade, shade  
**Soil:** Rich, well-drained clay, loam or sandy soil  
**Habitat:** Found in moist or dry woods and brushy fields.  
**Benefits:** Birds eat the fruit.  
**Other:** The plant is very aromatic. Commercial witch-hazel is an alcohol extract from the smooth, gray bark.

## Shrubs



*Hydrangea arborescens*

**Wild Hydrangea**  
**Smooth Hydrangea**

- Type:** Deciduous  
**Size:** Height 3-6 ft  
**Flowers:** White, June-Aug  
**Fruit:** Brown capsule, Oct-Jan  
**Fall Color:** Yellow  
**Light:** Part to full shade  
**Soil:** Rich, moist well-drained soils  
**Habitat:** Found in rocky upland or floodplain woods and streambanks.  
**Benefits:** Provides some food for mammals and songbirds.  
**Other:** Leaves are poisonous to humans.



*Ilex verticillata*

**Winterberry**

- Type:** Deciduous  
**Size:** Height 3-10 ft  
**Flowers:** Inconspicuous greenish-white flowers, June-July  
**Fruit:** Dense clusters of bright red berries, Aug-Feb; need both male and female plants to produce berries  
**Fall Color:** Yellow to brownish black  
**Light:** Full sun, part shade, shade  
**Soil:** Moist acidic soils, tolerates poor drainage  
**Habitat:** Found in fresh tidal swamps and forested wetlands.  
**Benefits:** Provides food for birds in the winter.



*Itea virginica*

**Virginia-willow**  
**Virginia Sweetspire**

- Type:** Deciduous  
**Size:** Height 6-10 ft mound with arching branches  
**Flowers:** White drooping 4-inch spires, Apr-June  
**Fall Color:** Red to purple, persisting into winter  
**Fruit:** Brown capsule, Aug-Mar  
**Light:** Full sun, part shade  
**Soil:** Moist, acidic soils, tolerates poor drainage  
**Habitat:** Grows in forested wetlands, shrub swamps, streambanks and shallow water.  
**Benefits:** Attracts songbirds, water fowl, small mammals and beneficial insects.  
**Other:** Most effective in massed plantings. Will form thickets.



*Lindera benzoin*

**Spicebush**

- Type:** Deciduous  
**Size:** Height 6-16 ft  
**Flowers:** Dense clusters of tiny, pale yellow flowers, Mar-May  
**Fruit:** Scarlet berry, Sep-Oct; need both male and female plants to produce berries  
**Fall Color:** Golden-yellow  
**Light:** Part shade, shade  
**Soil:** Moist, sandy, well-drained  
**Habitat:** Found in woods and floodplain forests.  
**Benefits:** A larval host for the Eastern tiger swallowtail (*Papilio glaucus*) and Spicebush swallowtail (*Papilio troilus*) butterflies. Wood Thrushes eat the fruit.

## Shrubs



*Lyonia mariana*

### Staggerbush

- Type:** Deciduous  
**Size:** Height 0.5-6.5 ft  
**Flowers:** White, pale pink, May-June  
**Fruit:** Brown capsule, Sep-Feb  
**Fall Color:** Red  
**Light:** Part to full shade  
**Soil:** Dry to moist, sandy soil  
**Habitat:** Found in swamps and moist or dry woods.  
**Benefits:** Attracts native bees.



*Rhododendron atlanticum*

### Dwarf Azalea

- Type:** Deciduous  
**Size:** Height 1-2.5 ft, forms colonies  
**Flowers:** White to pinkish, funnel-shaped fragrant flowers, Apr -May  
**Light:** Part to full shade  
**Soil:** Moist sandy soils  
**Habitat:** Found in dry to damp, sandy forests, pine woodlands and clearings.  
**Benefits:** Attracts songbirds and bumble bees.



*Morella cerifera*

### Wax Myrtle Southern Bayberry

- Type:** Evergreen  
**Size:** Height 6 - 15 ft, multi-trunked, wispy  
**Flowers:** Yellowish-green, Mar-June  
**Fruit:** Pale blue berries, Sep-Apr  
**Light:** Full sun, part shade  
**Soil:** Wet, sandy, slightly acidic, tolerates poor drainage and drought  
**Habitat:** Found in tidal and nontidal fresh and brackish marshes, swamps, sandy dune swales and upland woods.  
**Benefits:** Attracts birds and butterflies.  
**Other:** Light olive-green foliage has spicy fragrance. Colonists made fragrant candles from the waxy fruit.



*Rosa palustris*

### Swamp Rose

- Type:** Deciduous  
**Size:** Height 6 - 8 ft upright shrub with numerous, bushy-branched, thorny stems.  
**Flowers:** Dark rose-pink flowers, June-Aug  
**Fruit:** Red hips (berries), July-Mar  
**Light:** Full sun, part shade, shade  
**Soil:** Moist to wet, rich soils, tolerates salt and poor drainage  
**Habitat:** Found in fresh tidal and non tidal marshes, forested wetlands, shrub swamps and streambanks.  
**Benefits:** Flowers provide nectar for bees and butterflies. Rose hips are eaten by birds.

## Shrubs



*Sambucus canadensis*

### Common Elderberry

- Type:** Deciduous  
**Size:** Height 6-12 ft  
**Flowers:** Broad, flat, conspicuous white clusters, June-July  
**Fruit:** Dark purple berry, Aug-Sep  
**Fall Color:** Yellow green  
**Light:** Full sun, part shade, full shade  
**Soil:** Dry, moist or wet clay, loam, sandy or organic soils  
**Habitat:** Found in fresh tidal and nontidal marshes, swamps, wet meadows, moist woods and fields.  
**Benefits:** Berries eaten by many bird species.  
**Other:** Seeds used to make pies, jelly and wine.



*Vaccinium pallidum*

### Early Lowbush Blueberry Hillside Blueberry

- Type:** Deciduous  
**Size:** Height 1.5-2 ft  
**Flowers:** Green-white to reddish-pink flowers, Apr-May  
**Fruit:** Dark blue berries, July-Aug  
**Light:** Full sun, part shade, shade  
**Soil:** Moist or dry, loam or sandy soils  
**Habitat:** Found in dry woods and barrens.  
**Benefits:** Sweet berries have a high wildlife value for butterflies, songbirds and small mammals.



*Viburnum dentatum*

### Arrow-wood

- Type:** Deciduous  
**Size:** Height 6-15 ft with erect-arching stems  
**Flowers:** White, flat-topped clusters, May-June  
**Fruit:** Dark blue berries, Sep-Nov  
**Fall Color:** Yellow to wine red  
**Light:** Full sun, part shade, shade  
**Soil:** Dry to wet, acidic soils and sands  
**Habitat:** Found in swamps, wet woods, bogs, floodplain forests and streambanks.  
**Benefits:** Attracts Eastern bluebird, Northern flicker, Gray catbird, and American robin.  
**Other:** Plant is flood, insect and disease tolerant.



*Viburnum nudum*

### Southern Wild Raisin Possum-haw

- Type:** Deciduous  
**Size:** Height 6.5-20 ft  
**Flowers:** White to cream, June-July  
**Fruit:** Red to blue then black berry, Sep-Oct  
**Fall Color:** Red to purple  
**Light:** Full sun, part shade, full shade  
**Soil:** Moist or wet acidic soils  
**Habitat:** Grows in wet woods, swamps, margins of vernal ponds and heath bogs.  
**Benefits:** High wildlife value for bees, songbirds, waterfowl and small mammals.  
**Other:** Fruit is edible but very acidic. Has fibrous, shallow roots and transplants easily.

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## Shrubs



*Viburnum prunifolium*

### Black Haw

- Type:** Deciduous  
**Size:** Height 12-24 ft  
**Flowers:** White clusters, Apr-May  
**Fruit:** Pinkish berries turn blue-black, July-Nov  
**Fall Color:** Reddish purple  
**Light:** Full sun to full shade (best flowers and fruit with 4-5 hrs of sun/day)  
**Soil:** Moist to dry, well-drained  
**Habitat:** Found in woods, thickets, fields and along roadsides.  
**Benefits:** Fruit is eaten by songbirds.  
**Other:** Plant is durable and pest free. Will colonize and can be trained as a small tree. Prune immediately after flowering.

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## Small and Medium Trees



*Amelanchier arborea*

### Downy Serviceberry

- Type:** Deciduous  
**Size:** Height 15-30 ft  
**Flowers:** White, Mar-May  
**Fruit:** Red to purple fruit, June-Aug  
**Fall Color:** Yellow, orange, red  
**Light:** Full sun, part shade  
**Soil:** Moist, well-drained acidic  
**Habitat:** Found in upland woodlands, swamps and woody riverbanks.  
**Benefits:** Important early summer food for numerous bird species, including Cardinals, Cedar Waxwings and Towhees.  
**Other:** The fruits taste similar to blueberry and can be eaten fresh or cooked in pastries or puddings.



*Castanea pumila*

### Allegheny Chinquapin

- Type:** Deciduous  
**Size:** Height and spread 12-20 ft  
**Flowers:** Pale yellow, June  
**Fruit:** Dark brown nuts, Sep-Oct  
**Fall Color:** Yellow or purple  
**Light:** Sun, part shade  
**Soil:** Dry loamy or sandy soil  
**Habitat:** Found in dry open woods and old fields.  
**Benefits:** Flowers attract butterflies. The nuts are an important food source in the fall and winter for grouse, bobwhite, wild turkey, squirrels and deer.

## Small and Medium Trees



*Cercis canadensis*

### Eastern Redbud

- Type:** Deciduous  
**Size:** Height 15-35 ft with one to several trunks and a wide, umbrella-like crown of heart shaped leaves.  
**Flowers:** Deep purplish-pink, Apr-May before new leaves appear  
**Fruit:** Black pod, July-Dec  
**Fall Color:** Golden yellow  
**Light:** Part shade, shade  
**Soil:** Moist, fertile, well-drained  
**Habitat:** Found in woodlands, old fields and roadsides.  
**Benefits:** Attracts butterflies, songbirds and native bees.



*Chionanthus virginicus*

### Fringetree Old Man's Beard

- Type:** Deciduous  
**Size:** Height 15-35 ft  
**Flowers:** Showy, fragrant, drooping white clusters, May-June  
**Fruit:** Dark blue, grape-like clusters, Sep-Oct; need both male and female plants to produce berries  
**Fall Color:** Yellow  
**Light:** Full sun to full shade  
**Soil:** Dry to moist, sandy or loamy soils  
**Habitat:** Found in upland forests, on moist streambanks and on ridges in sandy to deep rich soils.  
**Benefits:** Attracts songbirds.



*Cornus florida*

### Flowering Dogwood

- Type:** Deciduous  
**Size:** Height and spread 20-50 ft  
**Flowers:** Creamy white, Apr-May  
**Fruit:** Red to orange berry clusters, Sep-Dec  
**Fall Color:** Scarlet red  
**Light:** Part shade  
**Soil:** Dry to moist loam  
**Habitat:** Found in woods, woodland edges and openings.  
**Benefits:** Resident and migratory birds eat the berries.  
**Other:** Virginia state tree.



*Ilex opaca*

### American Holly

- Type:** Evergreen  
**Size:** Height 15-50 ft, spread 8-40 ft, pyramidal shape  
**Flowers:** White or cream, May-June  
**Fruit:** Bright red berries on female plants; need male and female plants to produce berries  
**Light:** Full sun to full shade  
**Soil:** Moist, well-drained, acidic loam and sandy soils  
**Habitat:** Grows in sandy woods.  
**Benefits:** Songbirds and mammals eat the bitter berries.  
**Other:** Twigs with berries often used for holiday decorations. The wood is well-suited for inlays in cabinetwork, handles and carvings.

## Small and Medium Trees



*Magnolia virginiana*

**Sweetbay**  
**Sweetbay Magnolia**  
**Swamp Magnolia**

- Type:** Semi-evergreen  
**Size:** Height and spread 12-30 ft  
**Flowers:** Velvety-white, fragrant flowers, May-July  
**Fruit:** Dark red fruits expose bright red seeds, Sep-Oct  
**Light:** Sun to full shade  
**Soil:** Rich moist, acidic soils  
**Habitat:** Found in forested wetlands, along seeps, stream and pond edges and in sandy woods.  
**Benefits:** Seeds are a good source of food for birds in the fall.



*Salix nigra*

**Black Willow**

- Type:** Deciduous  
**Size:** Height 35-60 ft, spread 20-35 ft  
**Flowers:** Yellow-green fuzzy catkins change to flowers, Mar-Apr  
**Fruit:** Greenish yellow cone-like fruit, Apr-May  
**Light:** Full sun, part shade, shade  
**Soil:** Moist to wet clay, loam or sandy soils  
**Habitat:** Found in fresh tidal marshes and swamps, forested wetlands, floodplains and wet meadows.  
**Benefits:** Early season food for songbirds. A larval host for the Eastern tiger swallowtail (*Papilio glaucus*) butterfly.

## Large Trees



*Acer rubrum*

**Red Maple**

- Type:** Deciduous  
**Size:** Height 40-100 ft, spread 30-75 ft  
**Flowers:** Small red flowers, Mar-Apr  
**Fruit:** Red-brown or yellow winged seeds, Apr-Jun  
**Fall Color:** Red, orange, yellow  
**Light:** Full sun to part shade  
**Soil:** Moist to wet clay, loamy or sandy soils  
**Habitat:** Found in swamps, rocky hillsides and upland woods.  
**Benefits:** Attracts songbirds and small mammals.



*Betula nigra*

**River Birch**

- Type:** Deciduous  
**Size:** Height 50 - 75 ft, spread 35-50 ft  
**Flowers:** Yellow-green, Apr-May  
**Fruit:** Green to tan cone-like fruit, Aug-Nov  
**Fall Color:** Golden yellow  
**Light:** Full sun to part shade  
**Soil:** Moist loam or sandy soils  
**Habitat:** Grows in floodplain forests and on streambanks  
**Benefits:** Provides high wildlife value for songbirds and small mammals.  
**Other:** The tree's satiny, silver bark peels to reveal a cinnamon-brown trunk beneath. Tree is fast growing and long-lived.

## Large Trees



*Carya tomentosa*

### Mockernut Hickory

- Type:** Deciduous  
**Size:** Height 60-100 ft, spread 35-50 ft  
**Flowers:** Light green, May-June  
**Fruit:** Light reddish-brown nut, Sep-Oct  
**Fall Color:** Yellow  
**Light:** Part sun to full shade  
**Soil:** Dry, rich soils  
**Habitat:** Grows on ridges, dry hills and hillsides.  
**Benefits:** Attracts songbirds, waterfowl and small mammals.



*Diospyros virginiana*

### Common Persimmon American Persimmon

- Type:** Deciduous  
**Size:** Height 50-75 ft, spread 35-50 ft  
**Flowers:** Greenish yellow to cream, June  
**Fruit:** Large orange berry, Sep-Nov  
**Fall Color:** Yellow or purple  
**Light:** Full sun to part shade  
**Soil:** Dry to moist clay or loam  
**Habitat:** Grows in open, disturbed areas and woods.  
**Benefits:** Attracts songbirds and is a host to Luna moth larvae (*Actias luna*).  
**Other:** On old trunks the dark gray bark is thick and broken into squarish blocks.



*Fagus grandifolia*

### American Beech

- Type:** Deciduous  
**Size:** Height 50-100 ft, spread 50-75 ft  
**Flowers:** Yellow-green, Apr-May  
**Fruit:** Orange-green nut-like fruit, Sep-Nov  
**Fall Color:** Yellow-tan, retains leaves until spring  
**Light:** Full sun to part shade  
**Soil:** Moist loam or sandy soil  
**Habitat:** Grows in rich uplands and lowlands.  
**Benefits:** High value for songbirds, waterfowl and small mammals.  
**Other:** Nuts are edible.



*Juniperus virginiana*

### Eastern Red Cedar

- Type:** Evergreen  
**Size:** Height 35-75 ft, spread 35-50 ft  
**Flowers:** Red purple, Mar-Apr  
**Fruit:** Pale green to dark blue berry-like cones, July-Mar; need both male and female plants to produce berries  
**Light:** Full sun  
**Soil:** Dry to moist, clay, loam or sandy soils  
**Habitat:** Grows in dry forests, barrens and old fields.  
**Benefits:** Berries consumed by many species of birds.  
**Other:** Foliage varies from gray to blue to dark green. All colors tend to brown in winter.

## Large Trees



*Liriodendron tulipifera*

**Tulip-poplar  
Tulip-tree  
Yellow Poplar**

**Type:** Deciduous  
**Size:** Height 70-100 ft, spread 35-50 ft  
**Flowers:** Tulip-like, green, orange and yellow, June  
**Fruit:** Brown winged fruit, Aug-Nov  
**Fall Color:** Yellow. Tan cone-shaped seedheads remain after leaves have fallen.  
**Light:** Full sun to part shade  
**Soil:** Rich, moist well-drained loam or sandy soils  
**Habitat:** Grows in bottomland woods, upland forests and old fields.  
**Benefits:** Favorite nesting tree. Flowers attract hummingbirds. Serves as host to Eastern tiger swallowtail larvae (*Papilio glaucus*).



*Nyssa sylvatica*

**Black Gum  
Sour Gum**

**Type:** Deciduous  
**Size:** Height 30 - 75 ft, spread 20-50 ft  
**Flowers:** Greenish white, Apr-June  
**Fruit:** Blue-black, Sep-Oct  
**Fall Color:** Brilliant deep red  
**Light:** Full sun to part shade  
**Soil:** Moist acidic soils  
**Habitat:** Grows in forested seasonal wetlands, swamp borders, upland woods and dry slopes.  
**Benefits:** Fruit is consumed by many birds and mammals.



*Oxydendrum arboreum*

**Sourwood  
Sorrel Tree**

**Type:** Deciduous  
**Size:** Height 30-70 ft  
**Flowers:** White, Lily-of-the-Valley-like flowers, July  
**Fruit:** Showy, pale yellow capsules persist past leaf drop in the fall  
**Fall Color:** Brilliant deep red  
**Light:** Part shade  
**Soil:** Well-drained acidic soils  
**Habitat:** Grows in well-drained woodlands.  
**Benefits:** Provides nectar for native bees.



*Platanus occidentalis*

**Sycamore  
American Sycamore**

**Type:** Deciduous  
**Size:** Height and spread 75-100 ft  
**Flowers:** Yellow-green, Apr-Jun  
**Fruit:** Brown flat seed, Aug-Dec  
**Fall Color:** Yellow  
**Light:** Full sun to part shade  
**Soil:** Moist, sandy loams or silty clay  
**Habitat:** Grows along river bottoms and lake shores.  
**Benefits:** Plant attracts birds and is resistant to deer.  
**Other:** Showy bark.

## Large Trees



*Quercus coccinea*

### Scarlet Oak

- Type:** Deciduous  
**Size:** Height 40-75 ft, spread 50-75 ft  
**Flower:** Yellow-green catkin, Mar-May  
**Fruit:** Reddish-brown acorn, Sep-Oct  
**Fall Color:** Scarlet  
**Light:** Full sun  
**Soil:** Dry to moist loam or sandy soils  
**Habitat:** Found in dry uplands and on slopes.  
**Benefits:** Acorns provide food for squirrels, chipmunks, mice, deer, wild turkey, bluejays and redheaded woodpeckers.



*Sassafras albidum*

### Sassafras

- Type:** Deciduous  
**Size:** Height and spread 35-50 ft  
**Flowers:** Yellow-green, Apr  
**Fruit:** Dark blue, Sep-Oct; need both male and female plants to produce berries  
**Fall Color:** Yellow, orange, purple  
**Light:** Full sun to part shade  
**Soil:** Rich, moist, sandy loam  
**Habitat:** Found in moist open woods and old fields.  
**Benefits:** Attracts songbirds and small mammals.  
**Other:** Leaves are bright green and variably oval or three-lobed or mitten-shaped. Explorers shipped quantities of the bark to Europe as a cure-all.



*Taxodium distichum*

### Baldcypress

- Type:** Deciduous  
**Size:** Height 50-75 ft by 50 ft wide, slender and conical  
**Flowers:** Inconspicuous purple flowers, Apr  
**Fruit:** Small, spherical cone, Oct-Dec  
**Fall Color:** Terra cotta  
**Light:** Full sun to part shade  
**Soil:** Moist acidic sand and loams, can be deeply flooded for prolonged periods  
**Habitat:** Grows along river, lake and pond margins in coastal marshes, and river bottoms.  
**Benefits:** Provides food for birds.  
**Other:** Soft, ferny foliage with a slightly buttressed trunk at base. Knees develop in poorly drained situations.



*Tilia americana*

### American Basswood

- Type:** Deciduous  
**Size:** Height 60-80 ft, spread 50-70 ft  
**Flowers:** Yellow, June-July  
**Fruit:** Tan-brown winged seeds, Sep-Oct  
**Fall Color:** Yellow or brown  
**Light:** Part sun to full shade.  
**Soil:** Moist loam or sandy soil  
**Habitat:** Grows in woods and on slopes.  
**Benefits:** Important pollen source for native bees and other pollinators. Insects attract nesting birds.  
**Other:** Attractive foliage casts dense shade.

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## Native Plant Alternatives to Invasive Plants

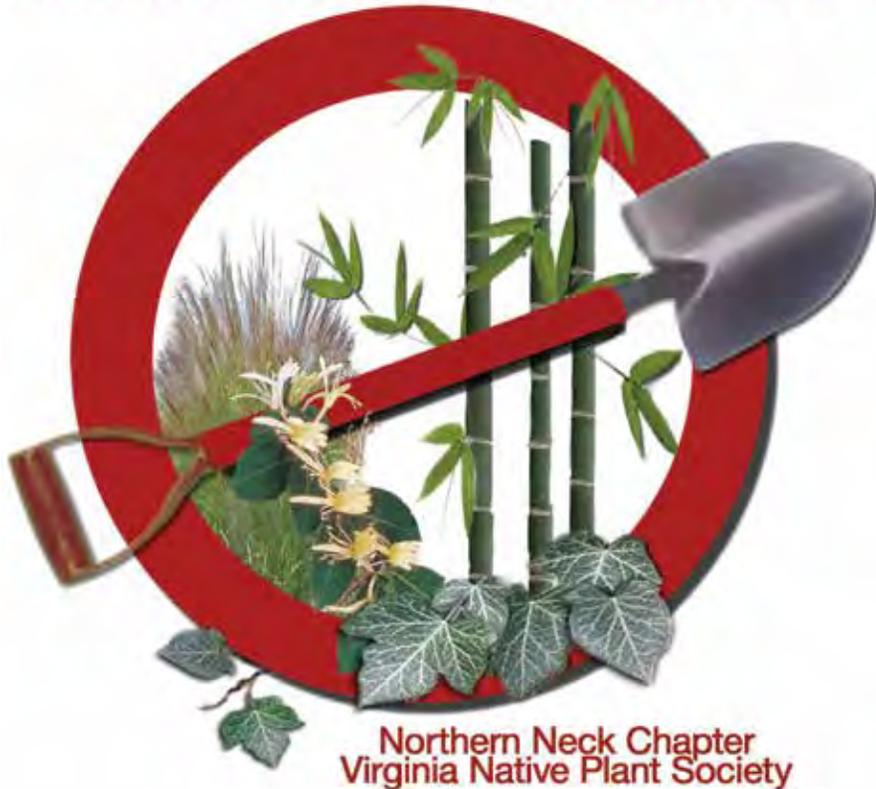
### Please Be Aware of Invasive Non-Natives

Some non-native plants can be highly invasive or aggressive and crowd out Northern Neck natives. These non-native invasive plants may have been introduced intentionally (as landscape ornamentals, for example) or non-intentionally (e.g., in ship ballasts or packing materials). In any case, they multiply rapidly and are difficult to eradicate. They can displace native plant species, reduce wildlife habitat, and alter ecosystem processes. The Virginia Department of Conservation's Division of Natural Heritage and the Virginia Native Plant Society have identified 115 invasive alien plant species. The entire list of invasive alien plant species of Virginia is available on-line. To learn more, go to [dcr.virginia.gov/natural\\_heritage/invspdfliiss](http://dcr.virginia.gov/natural_heritage/invspdfliiss)

Unfortunately, many of these invasive plants are available for purchase. Please avoid planting non-native invasive plants. Use the chart, at right, to find Northern Neck native plants, highlighted in green, that serve as excellent alternatives for invasive plants.

If you find invasive plants on your property, you may want to take steps to eradicate them. Find advice at [invasivespeciesinfo.gov/plants/controlplans.shtml](http://invasivespeciesinfo.gov/plants/controlplans.shtml)

# Friends Don't Let Friends Plant Invasives

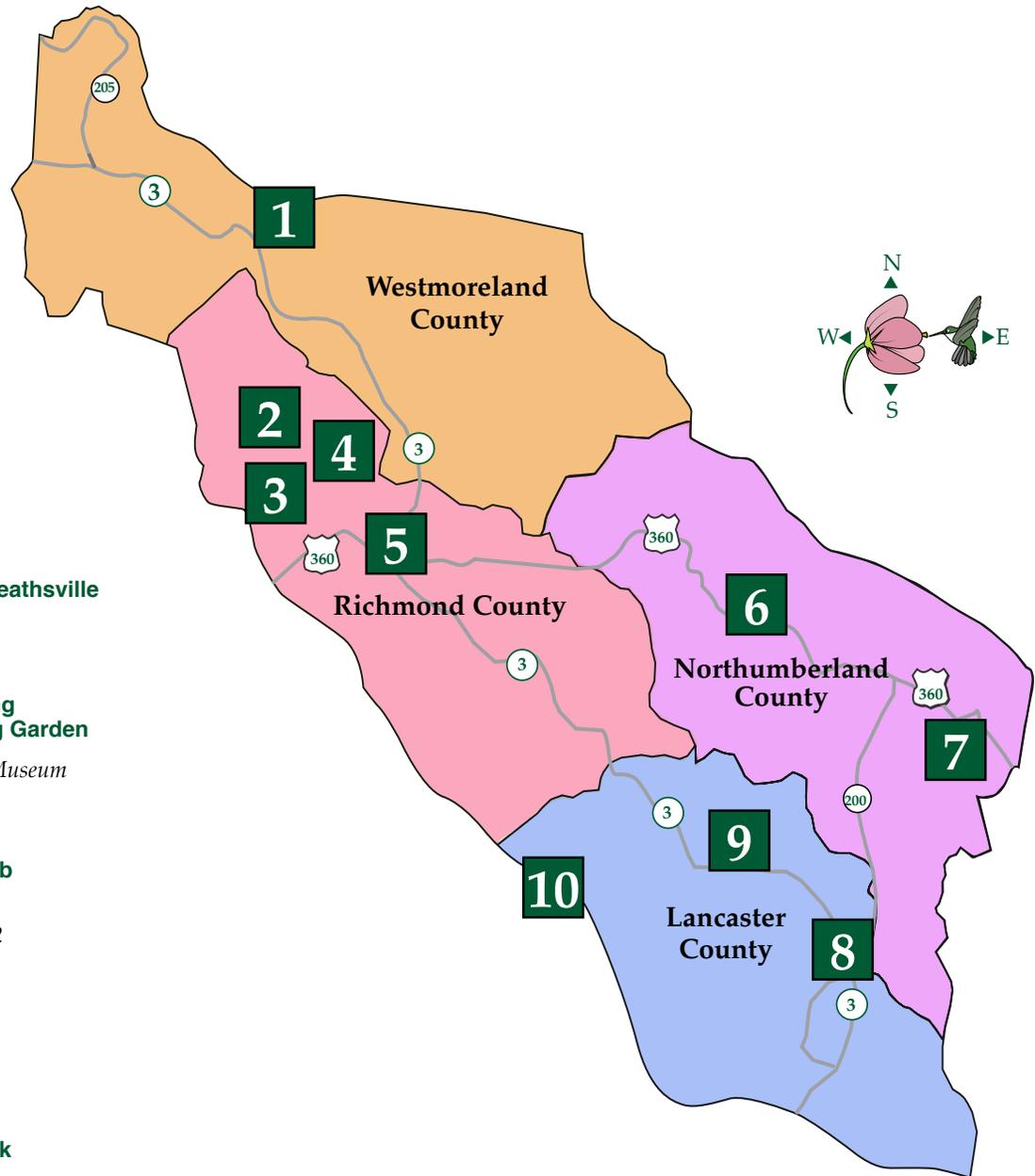


*Image used with permission of the artist, Elizabeth Gruben*

<i>Non-Native Invasive Plants/ Scientific Name</i>	<b>Common Name</b>	<i>Native Plant Substitutes/ Scientific Name</i>	<b>Common Name</b>
<i>Ailanthus altissima</i>	Tree of Heaven	<i>Cercis canadensis</i>	Eastern Redbud
<i>Albizia julibrissin</i>	Mimosa Tree	<i>Cercis canadensis</i>	Eastern Redbud
<i>Berberis thunbergii</i>	Barberry	<i>Clethra alnifolia</i>	Sweet Pepperbush
		<i>Euonymus americanus</i>	Heart's-a-bustin'
<i>Elaeagnus angustifolia</i>	Russian Olive	<i>Hamamelis virginiana</i>	Witch Hazel
		<i>Lindera benzoin</i>	Spicebush
<i>Elaeagnus umbellata</i>	Autumn Olive	<i>Baccharis halimifolia</i>	High-tide Bush
<i>Hedera helix</i>	English Ivy	<i>Bignonia capreolata</i>	Cross-vine
		<i>Gelsemium sempervirens</i>	Yellow Jessamine
		<i>Parthenocissus quinquefolia</i>	Virginia-creeper
		<i>Lonicera sempervirens</i>	Coral Honeysuckle
<i>Hemerocallis fulva</i>	Orange Daylily	<i>Lilium superbum</i>	Turk's-cap Lily
<i>Ligustrum sinense</i>	Chinese Privet	<i>Ilex glabra</i>	Inkberry
		<i>Lindera benzoin</i>	Spicebush
		<i>Morella cerifera</i>	Wax Myrtle
		<i>Viburnum prunifolium</i>	Blackhaw
<i>Lonicera japonica</i>	Japanese Honeysuckle	<i>Gelsemium sempervirens</i>	Yellow Jessamine
		<i>Lonicera sempervirens</i>	Coral Honeysuckle
		<i>Passiflora incarnata</i>	Maypop
<i>Lythrum salicaria</i>	Purple Loosestrife	<i>Asclepias incarnata</i>	Swamp Milkweed
<i>Melia azedarach</i>	China Berry	<i>Morella cerifera</i>	Wax Myrtle
<i>Morus alba</i>	White Mulberry	<i>Morus rubra</i>	Red Mulberry
<i>Paulownia tomentosa</i>	Princess Tree	<i>Oxydendrum arboreum</i>	Sourwood
		<i>Tilia americana</i>	American Basswood
<i>Polygonum cuspidatum</i>	Japanese Knotweed	<i>Clethra alnifolia</i>	Sweet Pepperbush
<i>Rosa multiflora</i>	Multiflora Rose	<i>Rosa palustris</i>	Swamp-rose
<i>Vinca major/ Vinca minor</i>	Periwinkle Vine	<i>Mitchella repens</i>	Partridge-berry
		<i>Epigaea repens</i>	Trailing Arbutus
<i>Wisteria sinensis</i>	Chinese Wisteria	<i>Wisteria frutescens</i>	American Wisteria

# Demonstration Gardens on the Northern Neck

**W**ant a closer look at the natives featured in this guide? Visit these demonstration gardens on the Northern Neck. These public sites feature Virginia native plants, many of which are indigenous to the Northern Neck, and were designed to showcase the beauty, benefits and variety of native plants. More demos are planned! For more information and updates visit the “Go Native, Grow Native” campaign website [nnpns.org/Go\\_Native\\_Grow\\_Native](http://nnpns.org/Go_Native_Grow_Native).



- |   |  |
|---|--|
| <p><b>1</b> <b>Westmoreland State Park</b><br/><i>Visitors' Center</i><br/>145 Cliff Road<br/>Montross, VA 22520</p>                          | <p><b>5</b> <b>Northern Neck Planning District Commission</b><br/>457 Main Street<br/>Warsaw, VA 22572<br/><i>(under development)</i></p>            |
| <p><b>2</b> <b>Menokin</b><br/><i>Visitors' Center</i><br/>4037 Menokin Road<br/>Warsaw, VA 22572</p>   | <p><b>6</b> <b>Old Courthouse, Heathsville</b><br/>72 Monument Place<br/>Heathsville, VA 22473</p>   |
| <p><b>3</b> <b>Rappahannock River Valley National Wildlife Refuge</b><br/><i>Visitors' Center</i><br/>336 Wilna Road<br/>Warsaw, VA 22572</p> | <p><b>7</b> <b>The Reedville Living Shoreline Teaching Garden</b><br/><i>Next to Fishermen's Museum</i><br/>504 Main Str<br/>Reedville, VA 22539</p> |
| <p><b>4</b> <b>Wild Bunch Wildlife Refuge</b><br/><i>Flight Cage</i><br/>7231 Newland Rd<br/>Warsaw, VA 22572</p>                             | <p><b>8</b> <b>Boys and Girls Club</b><br/>517 N. Main St.<br/>Kilmarnock, VA 22482</p>  |
|   | <p><b>9</b> <b>Lancaster County Judicial Center</b><br/>8265 Mary Ball Road<br/>Lancaster, VA 22503</p>  |
|   | <p><b>10</b> <b>Belle Isle State Park</b><br/><i>Visitors' Center</i><br/>1632 Belle Isle Road<br/>Lancaster, VA 22503</p>                           |

## Photo Credits

### Dot Field

*Asclepias tuberosa*  
*Cercis canadensis*  
*Diospyros virginiana*  
*Eutrochium dubium*  
*Hibiscus moscheutos*  
*Juncus effusus*  
*Juniperus virginiana*  
*Lonicera sempervirens*  
*Magnolia virginiana*  
*Panicum virgatum*  
*Pontederia cordata*  
*Rudbeckia hirta*  
*Solidago sempervirens*  
*Symphotrichum novi-belgii*

### Gary Fleming

*Andropogon glomeratus*  
*Aronia arbutifolia*  
*Baptisia tinctoria*  
*Betula nigra*  
*Bignonia capreolata*  
*Chelone glabra*  
*Chionanthus virginicus*  
*Lobelia cardinalis*  
*Nyssa sylvatica*  
*Quercus coccinea*  
*Saururus cernuus*  
*Schizachyrium scoparium*  
*Vaccinium pallidum*

### Carol Hammer

*Aquilegia canadensis*  
*Arisaema triphyllum*  
*Caltha palustris*  
*Cephalanthus occidentalis*  
*Chrysopsis mariana*  
*Hexastylis virginica*  
*Kosteletzkya pentacarpos*  
*Liriodendron tulipifera*  
*Onoclea sensibilis*  
*Polystichum acrostichoides*  
*Rhododendron atlanticum*  
*Sisyrinchium angustifolium*

### Irvine Wilson

*Carex stricta*

### Anne Olsen

*Wisteria frutescens*

### Janet Pawlukiewicz

*Itea virginica*  
*Mitchella repens*  
*Osmunda spectabilis*  
*Osmundastrum cinnamomeum*

### Ellis Squires

*Cornus amomum*  
*Lilium superbum*

### Earline Walker

*Castanea pumila*

### Phillip Merritt

*Acer rubrum*  
*Baccharis halimifolia*  
*Callicarpa americana*  
*Carya tomentosa*  
*Clematis virginiana*  
*Clethra alnifolia*  
*Cornus florida*  
*Euonymus americanus*  
*Fagus grandifolia*  
*Hamamelis virginiana*  
*Hydrangea arborescens*  
*Iris versicolor*  
*Limonium carolinianum*  
*Lobelia siphilitica*  
*Lyonia mariana*  
*Morella cerifera*  
*Oenothera fruticosa*  
*Opuntia humifusa*  
*Oxydendrum arboreum*  
*Packera aurea*  
*Phlox paniculata*  
*Platanus occidentalis*  
*Podophyllum peltatum*  
*Polygonatum biflorum*  
*Rhexia virginica*  
*Rudbeckia triloba*  
*Ruellia caroliniensis*  
*Salix nigra*  
*Salvia lyrata*  
*Schoenoplectus tabernaemontani*  
*Scirpus cyperinus*  
*Spartina alterniflora*  
*Taxodium distichum*  
*Tilia americana*  
*Vernonia noveboracensis*  
*Viburnum dentatum*  
*Viburnum nudum*

### Jan Newton

*Amelanchier arborea*  
*Asclepias incarnata*  
*Campsis radicans*  
*Conoclinium coelestinum*  
*Gelsemium sempervirens*  
*Helenium autumnale*  
*Ilex opaca*  
*Ilex verticillata*  
*Lindera benzoin*  
*Lupinus perennis*  
*Parthenocissus quinquefolia*  
*Passiflora incarnata*  
*Rosa palustris*  
*Sambucus canadensis*  
*Sassafras albidum*  
*Viburnum prunifolium*  
*Viola pedata*

### Additional Photo Credits

#### Carol Hammer

##### Front Cover

Main photo  
*Callicarpa americana*

#### Nick Ferriter

Top Insert  
*Rhododendron atlanticum*

#### Carol Hammer

Middle Insert  
*Chrysopsis mariana*

#### Dot Field

Bottom Insert  
*Symphotrichum novi-belgii*  
:

### Jan Newton

Page 2  
Zebra swallowtail butterfly  
on *Verbena hastata*,  
Blue Vervain

### Virginia Witmer

Page 5  
*Lonicera sempervirens*,  
Coral Honeysuckle

### Paul Service

Page 6  
American goldfinches  
on *Rudbeckia hirta*,  
Black-eyed Susan

### Janet Pawlukiewicz

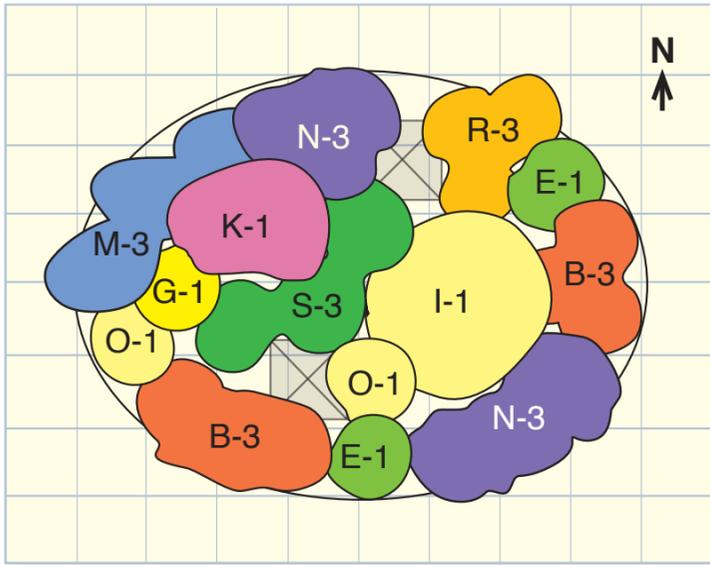
Page 8  
Eastern tailed-blue  
butterfly on  
*Antennaria plantaginifolia*,  
Plantain-leaf Pussytoes

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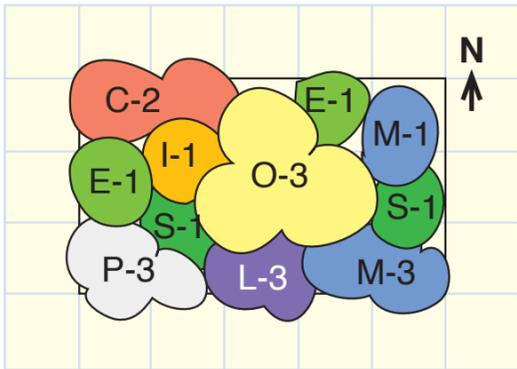


# Appendix B

## Sunny Gardens



Sunny Garden 6ft x 8ft



Sunny Border 3ft x 5ft

Code	Latin Name	Common Name	Height *	Season	Color	Ever-green	Notes
C	<i>Aquilegia canadensis</i>	Wild Columbine	low-med	Spr-S	red & yellow	semi	allow some re-seed, deadhead rest
L	<i>Salvia lyrata</i>	Lyre-leaf Sage	low	Spr	pale blue	yes	allow some re-seed, deadhead rest
M	<i>Conoclinium coelestinum</i>	Mistflower	med	S-F	blue		deadhead after bloom
E	<i>Eragrostis spectabilis</i>	Purple Lovegrass	low	S-F	purplish		winter interest, cut down in Feb.
S	<i>Panicum virgatum</i> 'Shenandoah'	Switchgrass	med	all	foliage w/ red streaks		winter interest, cut down in Feb.
O	<i>Oenothera fruticosa</i>	Narrow-leaf Sundrops	low-med	S	yellow	yes	cut down in late fall to basal foliage
R	<i>Rudbeckia triloba</i>	Brown-eyed Susan	med	S	golden yellow		deadhead after bloom
R	<i>Rudbeckia hirta</i>	Black-Eyed Susan	med	S	golden yellow		must re-seed
B	<i>Asclepias tuberosa</i>	Butterfly Weed	low	S-F	orange		late to emerge, mark plants or leave foliage overwinter
I	<i>Baptisia tinctoria</i>	Yellow Wild Indigo	tall	S	yellow		blue-green foliage interest
P	<i>Antennaria plantaginifolia</i>	Plaintain-leaf Pussytoes	low	Sp	gray white	semi	
K	<i>Kosteletzkya pentacarpos</i>	Seashore Mallow	tall	S	pink		
G	<i>Solidago sp.</i>	Goldenrod	med-tall	S-F	yellow		your pref.
N	<i>Symphotrichum sp.</i>	Aster	tall	F	blue or purple		your pref., cut to reduce height if desired

\* Height: Low 0-5 - 1 ft, Med 1.5-3 ft, Tall up to 6 ft; Vine: prune to height of support

### Sunny garden site needs

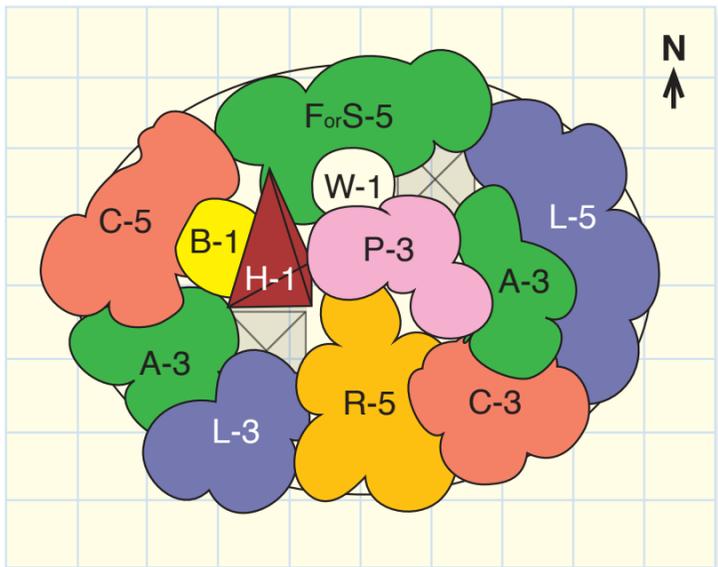
- No less than 6-8 hours of full sun daily during growing season
- Average to lean soil, average draining or mildly moisture retentive
- Do not over enrich soil; add compost only to sandy or clay soil
- Mulch around plants with shredded hardwood bark as needed

### Key

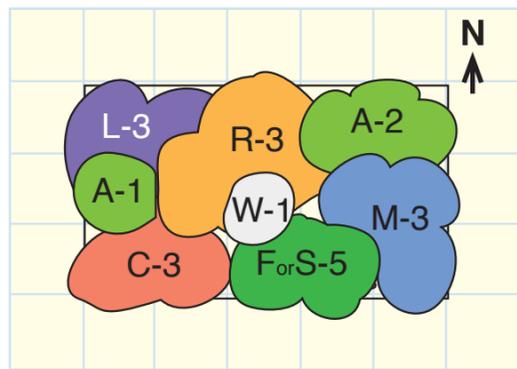


K-1 Letter=Plant Code Numeral=Number of plants

## Shady Gardens



Shady Garden 6ft x 8ft



Shady Border 3ft x 5ft

Code	Latin Name	Common Name	Height *	Season	Color	Ever-green	Note
C	<i>Aquilegia canadensis</i>	Wild Columbine	low-med	Sp-S	red/yellow	semi	allow some self-seed & deadhead rest
F	<i>Maianthemum racemosum</i>	False Solomon's-seal	low	Sp	cream		
L	<i>Salvia lyrata</i>	Lyre-leaf Sage	low	Sp-S	pale pink	yes	allow some self-seed & deadhead rest
A	<i>Heuchera americana</i>	American Alumroot	med	Sp-S	yellow-green	yes	use for foliage; deadhead after bloom
W	<i>Eurybia divaricata</i>	White Wood Aster	med	Fall	cream		deadhead
B	<i>Solidago caesia</i>	Blue-stemmed Goldenrod	med-tall	S-F	yellow		deadhead
P	<i>Penstemon laevigatus</i>	Smooth Beard-tongue	med-tall	Sp-S	pale pink		allow some self-seed & deadhead rest
S	<i>Polygonatum biflorum</i>	Solomon's-seal	med	Sp	cream		
H	<i>Lonicera sempervirens</i>	Coral Honeysuckle	vine	Sp-F	red/yellow	semi	support, prune to size in Feb.
M	<i>Conoclinium coelestinum</i>	Mistflower	low-med	S-F	blue		deadhead
R	<i>Packera aurea</i>	Golden Ragwort	med	Sp	yellow	yes	allow some self-seed & deadhead rest
GC**	<i>Mitchella repens</i>	Partridge-berry	low	Sp	white	yes	use for foliage & ground cover

\* Height: Low 0-5 - 1 ft, Med 1.5-3 ft, Tall up to 6 ft; Vine: prune to height of support

\*\*If desired, interplant prior to mulching, with Partridge-berry, as a ground cover

### Key



K-1 Letter=Plant Code Numeral=Number of plants

### Shady garden site needs

- Deciduous shade on south and west side, needs some morning sun
- Moisture retentive organic soil from decomposed oak leaves OR amended soil with 4-6 inches of mushroom compost or other natural organic compost
- Mulch around plants with pine needles, pine fines, shredded hardwood or ground up oak leaves



Northern Neck Chapter of the Virginia Native Plant Society

## Garden Plans

Plant NNK Natives  
Go Native—Grow Native



Credits  
Garden Design/Paula Boudry  
Brochure Design/Barbara Brecher  
Editor/Janet Pawlukiewicz  
Printing of these garden plans was funded by the Virginia Coastal Zone Management Program (DFO) through a federal Coastal Zone Management Act grant from the National Oceanic and Atmospheric Administration, U.S. Department of Commerce. Additional funding for the Go Native—Grow Native campaign was provided by the Northern Neck Audubon Society and the Northern Neck Chapter of the Virginia Native Plant Society.



- A full color guide to the Native Plants of the Northern Neck.
- Native plant identification tags and promotional banners for partner retail establishments to help gardeners identify native plants for their gardens.
- A website to provide up-to-date information on activities and educational materials of the Go Native—Grow Native campaign. Visit [nnpns.org](http://nnpns.org).

### Go Native—Grow Native Products

Go Native—Grow Native campaign activities will increase both the demand for and supply of Northern Neck native plants.

The Plant NNK Natives: Go Native—Grow Native campaign seeks to inspire those who live and work in the Northern Neck to use native plants in their gardens and landscapes and to protect existing native vegetation. Native plants provide many ecological benefits. For example, they provide food and habitat year round for resident and migratory birds, butterflies and moths. Because Northern Neck native plants are indigenous, that is, they were likely growing in one or more of the four Northern Neck counties before European settlers came to the area, they are well adapted to local soils and climate and can tolerate varying conditions such as drought and flooding. They usually require less watering, fertilization and pesticide application than non-native plants.

### Plant NNK Natives: Go Native—Grow Native

### About the NNK Natives Garden Plans

These plans use plants that should be available through garden centers, native plant societies or native plant catalogs. There are two “island” gardens that are viewable from all sides and two “border” gardens that can be used along a walkway or patio. You should feel free to expand or contract the plans depending on the size you want or your budget.

Please note that these garden plan schematics indicate the color of the blooms, however, the plants will not all bloom at the same time, so the colors in your actual garden will change over the seasons. Also, most garden centers stock plants only when they are in bloom, so it is unlikely that you will be able to purchase all plants at once. Meanwhile, you can mulch the open areas or fill in with annuals.

### General information

- The “island” plans allow for stepping stones for access to maintain the garden.
- They also include a vine on a purchased or built six ft. high trellis.
- The “border” gardens can be easily expanded to fit your site by repeating or flipping the pattern.
- When designing your gardens, orient the plans so that north arrow on the plan points north, if possible.
- Space is allowed for mature plants, so mulch around your new plants until full size is achieved.
- Many plants will self-seed or spread, so consider that when deciding how many plants to purchase initially. If you are patient, you can purchase fewer plants and allow them to fill in the spaces on their own. You can also use the “volunteers” to enlarge your garden or start new ones.
- Leave the dried plants in place through the winter to provide food and shelter for birds. Cut down in March prepare for spring growth.

These plans are intended to be flexible. Plant NNK Native Plants garden center partners (visit: [nnpns.org](http://nnpns.org)) have information on alternatives available for different colors and for sites with more moisture.

Cover photographs (left to right)  
*Kosteletzkya pentacarpos* / Seashore Mallow / Carol Hammer  
*Aquilegia canadensis* / Wild Columbine / Carol Hammer  
*Conoclinium coelestinum* / Mistflower / Jan Newton

Garden (left)  
Swallowtail butterfly on *Verbena hastata* / Blue Vervain / Janet Pawlukiewicz

**Plant NNK Natives – Go Native, Grow Native Campaign  
“PLANT OF THE MONTH” ARTICLES**

**April 2013**



**Go Native, Grow Native**

*by Gary Chafin of the Virginia Native Plant Society*

Trumpet honey-suckle (*Lonicera sempervirens*) is a great native twining vine with showy flowers and superb foliage. It may keep most of its old leaves in mild winters and is one of the first plants to produce new leaves in the early spring.



**Trumpet honeysuckle flower.**  
Photo by Qwert1234

The beautiful flowers, produced in abundance in spring and in lesser numbers throughout the summer, are variable in color from orange-red to red on the outside, generally yellow to yellow-red on the inside. There is also a variety with pure yellow flowers.

The fruit, a bright red berry, is produced from September to November. Trumpet honeysuckle needs a structure such as a trellis, fence or old shrub for support. Fast growing, it can reach 10 to 20 feet or more.

It thrives in full sun and will grow in partial shade with fewer flowers and prefers moist, well-drained soil. A magnet for hummingbirds, trumpet honeysuckle also attracts numerous butterflies and birds.

For more information, contact [gngnplants@gmail.com](mailto:gngnplants@gmail.com).



what factors eventually drove Virginia out of the Union," Bryant has a life-long inter-

funded in part by the Dominion Foundation and the Dominion Virginia Power.

explained. The reve art program The Stud through Sa lery, or call

## GO NATIVE, GROW NATIVE

Submitted by Gary Chafin and Janet Pawlukiewicz of the Virginia Native Plant Society

### Native Azaleas

Some of the most beautiful native shrubs growing in the Northern Neck are native azaleas. Three species are found in the Northern Neck. All lose their leaves in winter and bloom in mid-spring or early summer. Flower colors are generally in the white to pink range, occasionally with yellow tones.

Although these plants are not related to honeysuckles, early settlers thought their flowers were similar and called them wild honeysuckle.

Native azaleas grow as understory shrubs and thrive in partial shade. Swamp azalea (*Rhododendron viscosum*) grows

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Dwarf azalea in bloom in Lancaster County. Photo by Carol Hammer

best in damp areas. The other two (dwarf azalea, *R. atlanticum* and wild or pinxterbloom azalea, *R. periclymenoides*) tolerate well-drained locations.

Native azaleas are an excellent addition to the home landscape and can be used to great effect in woodland gardens or forest edges. Some form large clumps, but they rarely exceed eight feet in height. Butterflies and hummingbirds flock to them during the bloom period.

The Northern Neck Chapter of the Virginia Native Plant Society is growing native azaleas for a plant sale in September.

Learn more at [nnmps.org](http://nnmps.org)



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## AREA EVENTS

### Warsaw market

Warsaw Farmers' Markets will be held from 9 a.m. to 1 p.m. second Saturdays on Courthouse Circle in Warsaw.

### Veterans' conf.

he said. "These are bright young men and women. They catch on quickly and are always looking for more work. You couldn't ask for a better crew," said NHFH building committee chairman Scott Hommel.

Under Hommel's supervision, students spent the week erecting outside walls so that a Northern Neck Wireless crane crew could set roof trusses instructed by Truss Systems Lancaster. Habitat's plans to have the home under way by the end of the week. Villanova student-athletes will be there when it happens.

## Improve Virginia roads

operate a motor vehicle with more than one passenger under the age of 21 in the vehicle; the driver is accompanied by a parent or person acting in the parent's stead who is occupying the passenger seat beside the driver. Relaxing the age restriction of 21 years decreases the potential for these inexperienced drivers, give them more

...an ancestor was serving in some official capacity which required part-time residence on the island during the year for

...can be addressed to the Jamestown Society Headquarters, P.O. Box 6845, Richmond, VA 23230.

...C.S.A. James T. Elliott was the great-grandfather of the late Rear Admiral Katherine Davis Stout and he served in the 55th Regiment, Virginia Infantry, C.S.A.

Gay H. Packett serves as the chapter president. Supplemental was upon the service of her grandfather, John Hall, who served in Company K, 1st Virginia Cavalry, C.S.A.

Those who have a Confederate ancestor and wish to join the chapter, call 333-3918 or 333-642

## Go Native, Grow Native

submitted by Gary Chafin of the Virginia Native Plant Society

### Butterfly Weed

Butterfly weed (Asclepias tuberosa) is an extremely showy wildflower very common in fields and roadsides of the Northern Neck. It grows from 18 to 30 inches and has orange to yellow or red, flat-topped clusters of flowers in late spring and early summer.

Because it has a very deep taproot, it is difficult to transplant, but it readily grows from seed. Butterfly weed forms clumps, is well-mannered and not invasive. The skinny seedpods are packed with many seeds that, when ripe, fly away on silky parachutes.

You can get it to bloom twice by cutting off the old flower heads and not letting them go to seed. These plants like dry areas with full sun or partial shade.

As its name indicates, the flowers are a source of nectar for tiger, spicebush, eastern black, and pipevine swallowtail butterflies. Butterfly weed is a plant worth adding to your landscape either in flower beds or naturalized areas.

Learn more at [nnps.org](http://nnps.org) under Plant NNK Natives: Go Native—Grow Native.



Butterfly weed in bloom in Popes Creek Photo by Carol Hammer

## Rotary holds year-end

WEEMS—On June 19, The Rotary Club of the Northern Neck held its end-of-year celebration at the home of new president John Muller in Weems.

Outgoing president Rick Varnier thanked the membership and outgoing officers for the hard work and successful fundraising activities, including the sale of Christmas trees and CAPINEE, reported Andrew T. Billups. Varnier noted donations to 13 charitable organizations totaling \$16,375, plus international donations to the Calbayog Sanitation Project, the Open ARMS Orphanage, and Polio Plus.

Other officers for the 2013-14 year include president-elect Nina Thompson; secretary Skip Ackerly and treasurer Sam

2013 D L E P...



Summersweet Clethra

### GO NATIVE, GROW NATIVE

Submitted by Gary Chafin  
of the Virginia Native  
Plant Society

Summersweet Clethra (*Clethra alnifolia*) is a delightful native shrub that has extremely fragrant white or pink blooms in July and August when many other shrubs have already finished blooming. Its leaves, which are slow to emerge in spring, are a lustrous deep green and have beautiful color in the fall.

The flowers attract numerous birds and butterflies. After flowering, it forms brown seedheads which resemble peppercorns and provide winter interest. (Another name for it is sweet pepperbush).

This is a good plant for shady damp spots and it is moderately tolerant of salty shore conditions. Growing well in either shade or sun, it prefers moist, acidic organic soils. Pruning in the early spring is advised since flowering occurs on new growth.

Mature shrubs reach a height of three to eight feet and a width of four to six feet and may grow larger in moist soils. Clethra is a great plant to use in the landscape near a walk or a door where its fragrance can be appreciated.

The Go Native—Grow Native campaign recently released a new guide to the Native Plants of the Northern Neck. It is available at partner garden centers and [nnps.org](http://nnps.org).

## Richmond Fair starts

The Richmond County Fair runs from August 20, through Saturday, August 24. Competition entries will be accepted from 10 a.m. to 7 p.m. on Tuesday. Everyone will be able to view the fair from 10 a.m. to 7 p.m. Tuesday.

Create photographs of the fairgrounds at the Neck. Check the competition rules for the photography competition. Admission is \$2 per person. Admission is free before 10 a.m. Ride-all-night wristbands are available when the fair opens at a discount. It is a good deal for that night (\$15 for Thursday).

The baking contest starts on Wednesday. Entries need to be submitted by Tuesday. They will be auctioned off on Wednesday for the Scholarship Program.

Seniors Morning will be held on Wednesday and displays open in the afternoon. Displays of the fairgrounds will be on display.

For competition rules, visit the fairgrounds website for events, and this year's schedule.

Plan to visit the beef show on Thursday, the mutton show on Friday and Saturday enjoy the horse show and the pet show.

Get your tossing started on Friday and Saturday, and your dancing on Saturday night. There is a parade on Saturday at the fairgrounds every

## AR

### ■ MS luncheon

An MS Women luncheon will be held from 11 a.m. to 1:30 p.m. September 11 at the Indian Creek Yacht and Country Club. The event will raise funds for the MS Society of Virginia.

The luncheon will include a meal, raffles and a silent auction. David Osmond, Donny and Marie Osmond will be the guest speakers. Donny will address his experience living with MS. Tickets are \$50. More information can be found at [MoveVA.org](http://MoveVA.org).

### ■ Warsaw market

Warsaw Farmers' Market will be held from 9 a.m. to 12 p.m. on second Saturdays on Circle in Warsaw.

### ■ Community breakfast

Lancaster Union League A.F.& A.M. will hold a "You Can Eat" breakfast from 10 a.m. to 12 p.m. on second Saturdays at 48 North Main Street.

**Waterme  
Restaurant  
Sunday Br  
580-222**

August 2013

## Go Native, Grow Native

Submitted by Gary Chafin,  
Northern Neck Chapter, Virginia Native Plant Society

### Seashore Mallow

Seashore Mallow (*Kosteletzkya pentacarpos*) brightens the marshes along brackish waterways of the Northern Neck in late summer. The rosy pink flowers are easily visible from a distance because most of its habitat is a relentless summer green.

A perennial which dies back in the winter, seashore mallow comes back from a tough crown of roots in the spring to make a plant that grows more than 5 feet tall. Its pointed leaves are 3 to 6 inches long and half as wide. The flowers resemble a hibiscus but are from a different plant family.

Although in nature seashore mallow is usually found in wet places, it will also grow in any good, moist garden soil. It is tolerant of windblown and soil-borne salt. Aside from its use as a shore plant, it also can be a great addition to beds where it mixes well with grasses, sunflowers and goldenrod.

Seashore mallow can be grown from seed or purchased at some local nurseries. The Northern Neck Chapter of the Native Plant Society will have



**Seashore Mallow**  
Photo by Carol Hammer

these plants at its sale September 7 at the Wicomico Parish Church (Episcopal) Thrift Shop on Rt. 200 in Wicomico Church.

The Go Native, Grow Native campaign's new guide to the Native Plants of the Northern Neck is available at our partner garden centers and online at [nnpns.org](http://nnpns.org).

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## Go Native, Grow Native

*Submitted by Gary Chafin,  
Northern Neck Chapter, Vir-  
ginia Native Plant Society*

Mistflower (Conoclinium coelestinum) is an attractive native plant with clusters of soft blue to lavender flowers. Some refer to it as wild or hardy ageratum because of its resemblance to the annual flower of that name commonly found in gardens.

The fluffy blooms which last from late summer to frost can often be seen growing along creeks and ditches in the Northern Neck. It prefers moist soils with full to partial sun, but tolerates drought, and can grow up to three feet in height under ideal growing conditions.

Mistflower spreads with underground rhizomes to form large clumps. Pinching the growing tips in early summer will make the plant more dense and less likely to sprawl. Dividing a clump every few years will help keep it to a manageable size.

Its beautiful flowers attract native bees and a variety of



Mistflower

late season butterflies. A useful addition to flower borders, mistflower also can be planted in wet natural areas. Propagation by seed is possible, but most growers get more plants by dividing the clumps.

Visit Go Native—Grow Native at [www.nnpns.org](http://www.nnpns.org) to learn more about the many ecological benefits of planting Northern Neck natives.

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### ■ Museum

The Morat Museum is co raffle. The 'lage Quilt' of village and A drawing wi museum's six roast October member Gary viewed at the

Tickets are be purchased from board r chrs@verizo 2972, or 382

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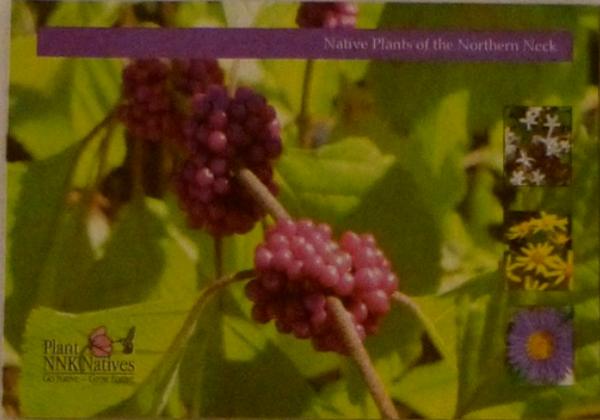


### NORTHUMBERLAND BOARD OF SUPERVISORS NOTICE OF PUBLIC

Notice is hereby given pursuant to Sec of the Code of Virginia, that the County Wetlands Board, at a meeti

## Other Articles and Advertisements

Library)



**Plant Northern Neck Natives**

**Go Native – Grow Native**

Plan your garden for fall planting with the new *Native Plants of the Northern Neck*. Discover which plants are native to the NNK, the requirements for successful growth, and the importance of native plants to the environment and more.

Produced by the Northern Neck Chapter of the Virginia Native Plant Society, along with its partners, this guide will become your go-to source for NNK Native Plants.

**Look for the NNNPS tent at the Irvington Farmers Market on Saturday, July 6, to pick up your FREE 48 page guide or visit [nnnps.org](http://nnnps.org) for a list of partner retail distributors.**



Plant  
NNK Natives  
Go Native – Grow Native

*Funding to produce the guide to the Native Plants of the Northern Neck was provided by the Virginia Coastal Zone Management Program through the Northern Neck Planning District Commission, the Northern Neck Audubon Society and the Northern Neck Chapter of the Virginia Native Plants Society.*



From left, Ted Munns, president of the Northern Neck Chapter of the Virginia Native Plant Society, holds up the Plant NNK Natives banner with Boxcroft employee Lisa Robertson and owner BJ Jett.

## Retailers offer native plant guide and plants

The Northern Neck Chapter of the Virginia Native Plant Society continues to implement its Go Native—Grow Native campaign.

The chapter recently presented a colorful banner to Boxcroft Nurseries on Fleeton Road in Reedville, which has partnered with the chapter to promote use of native plants in landscape planning and design, said Judith Lang.

While visiting Boxcroft, pick up a free copy of the new “Native Plants of the Northern Neck” guide describing plants that are attractive, easy to grow in the area and provide food for birds and butterflies, said Lang.

The new guide and plants are available at other Go Native—Grow Native retail partners listed at [nnpns.org](http://nnpns.org).

## Bank announces Small Business Administration loan availability

email cookmed@yahoo.com.



**Master Naturalist  
Paula Boundy**

## Garden Plans supplement to be featured at Native Plant Society meeting

A new Garden Plans supplement to Plant NNK Natives will come to life during the Northern Neck Chapter of the Virginia Native Plant Society's meeting October 17 at noon at the Wicomico Episcopal Church in Wicomico Church.

Complimentary copies are currently available at retail stores sporting the yellow "NNK Natives Sold Here" banner, and the Garden Plans supplement featuring local plants will be given out at the meeting. Bring a brown bag lunch and enjoy light refreshments provided by the club as certified Virginia Master Naturalist Paula Boundy, the designer of the plans, explains how to start your own garden of local plants.

"Paula's garden plans feature Northern Neck natives in sun or shade border and island gardens," said Go Native-Grow Native project manager Janet Pawlukiewicz. "They are designed to give color and interest in every season."

After the talk, a planting demonstration will be held behind the church.

schooled children at  
At 10 a.m., members of the Archeological Society with a combined expertise in fossils, colonial ceramics, home-schoolers and more. Ever, no appraisals or appraisals given.

Even if you don't have a "rare find," you are encouraged to bring and view the collection, including items from recent renovations.

The museum is at 1000 Kilmarnock.



## Bowers

**Pamela Bowers of the Heathsville Library and sandblast art public is invited to 5 to 7 p.m. on Oct. 17 at Rappahannock Community College teaches watercolor painting in D.C. area.**

## Collector vehicles to be displayed in Deltaville

The Memory Lane Museum invites all types of collector vehicles to join them at the Maritime Museum Seafood Festival Saturday, October 12, from 10 a.m. to 4 p.m.

Entry to the event is free. Collector vehicles are invited. 50 will receive a thank you gift from the museum.

For more information contact collector vehicles at 435-6171.

*It's Native Plant Day  
this Saturday at...*

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