

**Sunshine**411  
[www.sunshine411.org](http://www.sunshine411.org)



# **FUN FLORA FINDER!**

We have over 100 different plants at our  
nature center!

**How many can you find?**

- **Work in teams, as you find plants, have the person with the clipboard circle what you find on the separate checklist**
- **PLEASE do not write in the notebooks**

**DO NOT EAT OR PICK ANY PLANTS YOU FIND**



## What is a Vine?

- ✓ A vine is any plant that mostly grows by climbing on another plant, rocks or structures.
- ✓ Certain plants always grow as vines, while a few grow as vines only part of the time. For instance, poison grows as low shrubs when support is not available, but will become vines when support is available.
- ✓ Most vines are flowering plants.



**Muscadine, Muscadine grape**

*Vitis rotundifolia*

# VINES



**Rosary-pea, Crab-eyes**  
*Abrus precatorius*



**Trumpet vine**  
*Campsis radicans*



© Shirley Denton, November 2003

**Common air-potato**  
*Dioscorea bulbifera*



**Downy milkpea**  
*Galactia volubilis*

# VINES



**Florida Keys hempvine**  
*Mikania cordifolia*



**Corkystem passionflower**  
*Passiflora suberosa*



**Earleaf greenbrier**  
*Smilax auriculata*



**Virginia-creeper, Woodbine**  
*Parthenocissus quinquefolia*

# VINES



**Sand vetch, Fourleaf vetch**  
*Vicia acutifolia*



**Nephtytis, American evergreen**  
*Syngonium podophyllum*



**Cow-pea, Hairypod cowpea**  
*Vigna luteola*



**Eastern poison-ivy**  
*Toxicodendron radicans*

## What is an Herb?

- ✓ **In general use**, herbs are plants with savory or aromatic properties that are used for flavoring and garnishing food, for medicinal purposes, or for fragrances; excluding vegetables and other plants consumed for macronutrients.
- ✓ Culinary use typically distinguishes herbs from spices. Herbs generally refers to the leafy green or flowering parts of a plant (either fresh or dried), while spices are usually dried and produced from other parts of the plant, including seeds, bark, roots and fruits.
- ✓ In botany, the term is defined as a small, seed-bearing plant without a woody stem in which all aerial parts (i.e. above ground) die back to the ground at the end of each growing season.
- ✓ Most grasses are Herbs

**NOTE:** Just because a plant you find is an Herb.. Does not mean it is edible. **DO NOT EAT ANY PLANTS ON THE PROPERTY UNLESS GIVEN PERMISSION BY A SUPERVISING ADULT.**

# HERBS



**Broomsedge bluestem**  
*Andropogon virginicus var. virginicus*



**Slender threeseed mercury**  
*Acalypha gracilens*



**False nettle, Bog hemp**  
*Boehmeria cylindrica*



**Common ragweed**  
*Ambrosia artemisiifolia*

# HERBS



**Wild taro**

*Colocasia esculenta*



**Densetuft hairsedge**

*Bulbostylis ciliatifolia*



**Dove Weed, Sand Croton**

*Croton glandulosus* var. *septentrionalis*



**Fragrant flatsedge**

*Cyperus odoratus*

# HERBS



**Crow's-foot grass**  
*Dactyloctenium aegyptium*



**Variable witchgrass**  
*Dichanthelium commutatum*

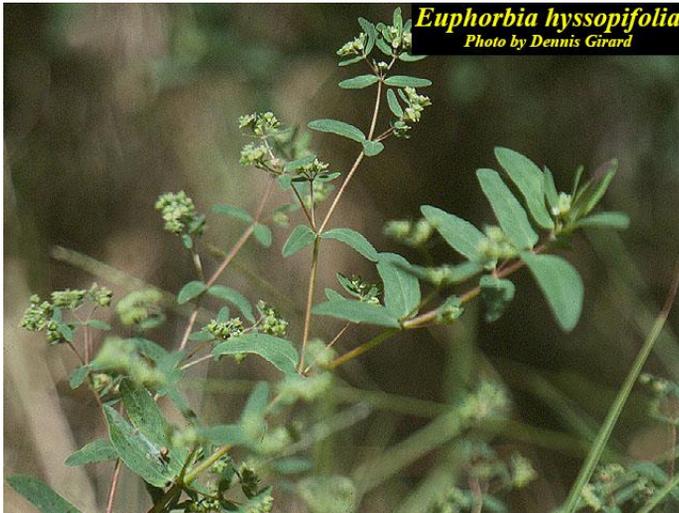


**Hemlock witchgrass**  
*Dichanthelium portoricense*



**West Indian chickweed, Drymary**  
*Drymaria cordata*

# HERBS



*Euphorbia hyssopifolia*  
Photo by Dennis Girard

**Eyebane, Hyssopleaf sandmat**  
*Euphorbia hyssopifolia*



**Rein orchid**  
*Habenaria floribunda*



**Common fingergrass,  
Pinewoods fingergrass**  
*Eustachys petraea*



**Hairy spurge,  
Pillpod sandmat**  
*Euphorbia hirta*

# HERBS



**Largeleaf marshpennywort**  
*Hydrocotyle bonariensis*



**Juba's bush, Bloodleaf**  
*Iresine diffusa*



**Rose Natalgrass**  
*Melinis repens*



**Woodsgrass, Basketgrass**  
*Oplismenus hirtellus subsp. setarius*

# HERBS



**Lizard's tail**  
*Saururus cernuus*



**Guineagrass**  
*Panicum maximum*



**Thin paspalum**  
*Paspalum setaceum*

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**Common reed**  
*Phragmites australis*

# HERBS



2017 © Peter M. Dziuk

**Softstem bulrush**

*Schoenoplectus tabernaemontani*



**Woodland false buttonweed**

*Spermacoce remota*



**Whip nutrush**

*Scleria triglomerata*



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**St. Augustine grass**

*Stenotaphrum secundatum*



# HERBS



**Southern cat-tail**  
*Typha domingensis*



**Southern wild-rice, Giant cut-grass**  
*Zizaniopsis miliacea*



**West Indian dropseed**  
*Sporobolus pyramidalis*



# FERNS

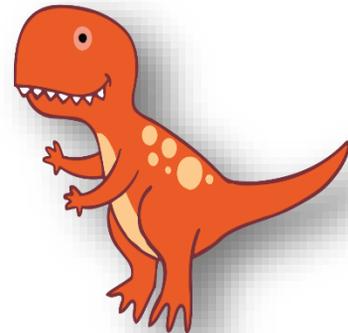
## What is a Fern?

- ✓ A fern is a member of a group of that reproduce via spores and have neither seeds nor flowers.
- ✓ The green, photosynthetic part of the plant is technically a megaphyll and in ferns, it is often referred to as a frond. New leaves typically expand by the unrolling of a tight spiral called a crozier or fiddlehead into fronds



**Giant wild-pine, Giant airplant**  
*Tillandsia utriculata*  
**LOOK UP!!**

Wow!  
Ferns are  
OLD



- ✓ Ferns first appear in the fossil record about 360 million years!



**Shoestring fern**  
*Vittaria lineata*

# FERNS



**Swamp fern**  
*Blechnum serrulatum*



**Sprenger's asparagus-fern**  
*Asparagus aethiopicus*



**Giant leather fern**  
*Acrostichum danaeifolium*



**Tuberous sword fern**  
*Nephrolepis cordifolia*

# FERNS



**Wild Boston fern**  
*Nephrolepis exaltata*



**Golden polypody**  
*Phlebodium aureum*



**Whisk-fern**  
*Psilotum nudum*



**Resurrection fern**  
*Pleopeltis polypodioides* var.  
*michauxiana*

# FERNS



**Southern shield fern**  
*Thelypteris kunthii*



**Swamp dock**  
*Rumex verticillatus*



**Common duckweed**  
*Spirodela polyrhiza*  
Aquatic!



**Downy maiden fern**  
*Thelypteris dentata*

# FERNS



**Thin-leaved wild-pine**  
*Tillandsia setacea*  
**LOOK UP!!**



**Reflexed wild-pine**  
*Tillandsia balbisiana*  
**LOOK UP!!**



**Spanish-moss**  
*Tillandsia usneoides*  
**LOOK UP!!**



**Stiff-leaved wild-pine**  
*Tillandsia fasciculata* var.  
*densispica*  
**LOOK UP!!**



## What is a Tree?

- ✓ A tree is a perennial plant with an elongated stem, or trunk, supporting branches and leaves in most species.
- ✓ A tree typically has many secondary branches supported clear of the ground by the trunk. This trunk typically contains woody tissue for strength, for most trees it is surrounded by a layer of bark which serves as a protective barrier.
- ✓ Below the ground, the roots branch and spread out widely; they serve to anchor the tree and extract moisture and nutrients from the soil.
- ✓ Trees usually reproduce using seeds. Flowers and fruit may be present, but some trees, such as conifers, instead have pollen cones and seed cones

### What about PALM TREES???

- ✓ **Palms** lack secondary growth and wood. *According to the botanical definition, palms are not trees but large, woody herbs.*



# TREES



**Water hickory**  
*Carya aquatica*



**Pond-apple**  
*Annona glabra*



**Carrotwood**  
*Cupaniopsis anacardioides*



**Surinam-cherry**  
*Eugenia uniflora*

# TREES



**Laurel fig, Indian laurel**  
*Ficus microcarpa*



**Red cedar**  
*Juniperus virginiana*



**South Florida slash pine**  
*Pinus elliottii* var. *densa*



**Strangler fig, Golden fig**  
*Ficus aurea*

# TREES



**Laurel oak, Diamond oak**  
*Quercus laurifolia*



**Guava**  
*Psidium guajava*



**Virginia live oak**  
*Quercus virginiana*

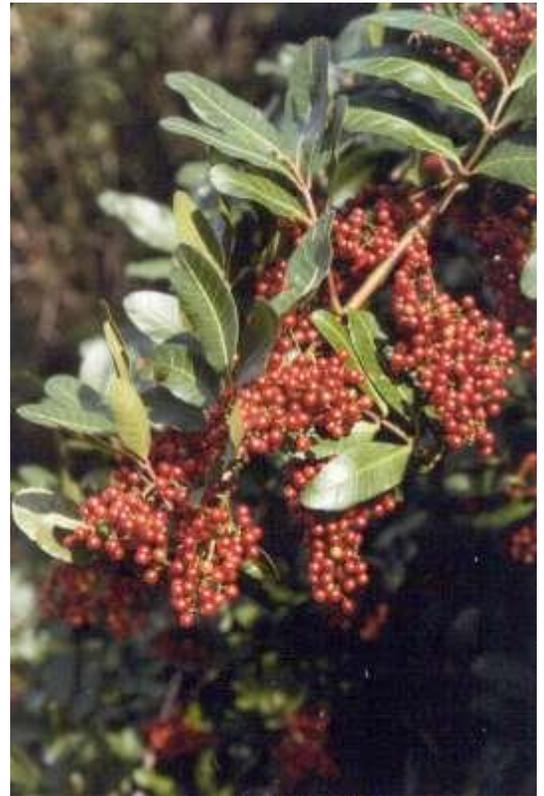


**Sabal Palm**  
*Sabal palmetto*

# TREES



**Coastal Plain willow**  
*Salix caroliniana*



**Brazilian-pepper**  
*Schinus terebinthifolius*



**Small viburnum**  
*Viburnum obovatum*



**Sour orange**  
*Citrus x aurantium*

# CYPRESS TREES



**Pond Cypress**

*Taxodium ascendens*



**Bald Cypress**

*Taxodium distichum*

# SHRUBS

## What are Shrubs?

- ✓ A shrub is a small- to medium-sized perennial woody plant. Unlike herbs, shrubs have persistent woody stems above the ground. Shrubs can be deciduous or evergreen. They are distinguished from trees by their multiple stems and shorter height.
- ✓ Shrubs are one of the most common plants we see at our homes, parks and schools. When gardening, Shrubs are often called “Bushes”
- ✓ Many Shrubs have flowers, but not all the time, so remember to look at the leaves!
- ✓ Some Cacti are even shrubs (ouch!)



**Caesarweed**  
*Urena lobata*

# SHRUBS



**Pricklypear**  
*Opuntia humifusa*



**Myrsine, Colicwood**  
*Myrsine cubana*



**Lady's-sorrel, Common yellow woodsorrel**  
*Oxalis corniculata*



**Running oak**  
*Quercus pumila*

# SHRUBS



**Winged sumac**  
*Rhus copallinum*



**Myrsine, Colicwood**  
*Rubus trivialis*



**Burweed**  
*Triumfetta semitriloba*



**Saw palmetto**  
*Serenoa repens*



# Plants with **BERRIES**

## What is a Berry?

- ✓ A berry is a small, pulpy, and often edible fruit. Typically, berries are juicy, rounded, brightly colored, sweet, sour or tart, and do not have a stone or pit, although many pips or seeds may be present.

Most plants do not have berries all the time... so make sure you look at the leaves to identify the plants! Plants with berries may be trees, vines or shrubs!

**NOTE:** Just because a plant you find has berries, Does not mean it is edible. **DO NOT EAT ANY PLANTS ON THE PROPERTY UNLESS GIVEN PERMISSION BY A SUPERVISING ADULT.**



**Red mulberry**  
*Morus rubra*

# Plants with BERRIES



**Wax myrtle, Southern Bayberry**  
*Myrica cerifera*



**Sugarberry**  
*Celtis laevigata*



**Marlberry**  
*Ardisia escallonioides*



**American beautyberry**  
*Callicarpa americana*

# Plants with **BERRIES**



**Muscadine, Muscadine grape**  
*Vitis rotundifolia*



**Shortleaf wild coffee**  
*Psychotria tenuifolia*



**Jambolan-plum, Java-plum**  
*Syzygium cumini*



# Plants with **FLOWERS**

## What is a Flower?

- ✓ A flower, is the reproductive structure found in many plants.
- ✓ The biological function of a flower is to facilitate reproduction, usually by providing a mechanism for the union of sperm with eggs.
- ✓ Flowers have long been admired and used by humans to bring beauty to their environment, and also as objects of romance, ritual, religion and as medicine.

Most plants do not have flowers all the time... so make sure you look at the leaves to identify the plants! Plants with flowers may be trees, herbs, vines or shrubs!



**Lima**  
*Sida cordifolia*



**Lady's-sorrel,**  
**Common yellow woodsorrel**  
*Oxalis corniculata*

# Plants with **FLOWERS**



**Silverling**

*Baccharis glomeruliflora*



**Saltbush, Groundsel tree, Sea-myrtle**

*Baccharis halimifolia*



**Spanish-needles**

*Bidens alba var. radiata*



**Burrmarigold**

*Bidens laevis*

# Plants with **FLOWERS**



**Silverling**  
*Baccharis glomeruliflora*



**Spotted water-hemlock**  
*Cicuta maculata*



**Climbing dayflower**  
*Commelina diffusa var. gigas*



**Pinebarren frostweed**  
*Crocanthemum corymbosum*

# Plants with **FLOWERS**



**Beggar's-ticks**  
*Desmodium incanum*



**Lilac tassleflower**  
*Emilia sonchifolia*



**Paintedleaf, Fire-on-the-mountain**  
*Euphorbia cyathophora*



**Eastern milkpea**  
*Galactia regularis*

# Plants with **FLOWERS**



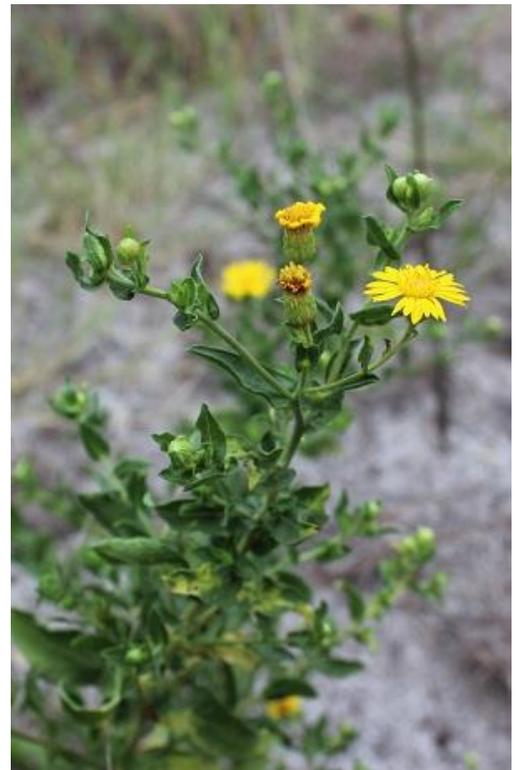
**Shrubverbena**  
*Lantana camara*



**Stiff marsh bedstraw**  
*Galium tinctorium*



**Hairy indigo**  
*Indigofera hirsuta*



**Camphorweed**  
*Heterotheca subaxillaris*

# Plants with **FLOWERS**



**Bulltongue arrowhead**  
*Sagittaria lancifolia*



**African ground orchid, Monk orchid**  
*Oeceoclades maculata*



**Southern beeblossum**  
*Oenothera simulans*



**Narrowleaf silkgrass**  
*Pityopsis graminifolia*

# Plants with **FLOWERS**



**Burweed, Sacramento burrbark**  
*Triumfetta semitriloba*



**Common wireweed**  
**Common fanpetals**  
*Sida acuta*



**Climbing aster**  
*Symphotrichum carolinianum*



© Shirley Denton

**Creeping wedelia,**  
**Creeping oxeye**  
*Sphagneticola trilobata*

# Plants with **FLOWERS**



**Silverling**  
*Baccharis glomeruliflora*



**Spotted water-hemlock**  
*Cicuta maculata*



**Smooth rattlebox**  
*Crotalaria pallida* Aiton var. *obovata*



Names \_\_\_\_\_

Date of Visit \_\_\_\_\_

Ages \_\_\_\_\_

## Circle the plants you discover!

Scientific Name:

*Abrus precatorius*

*Acalypha gracilens*

*Acrostichum danaeifolium*

*Ambrosia artemisiifolia*

*Andropogon virginicus*

*Annona glabra*

*Ardisia escallonioides*

*Asparagus aethiopicus*

*Baccharis glomeruliflora*

*Baccharis halimifolia*

*Bidens alba* var. *radiata*

*Bidens laevis*

*Blechnum serrulatum*

*Boehmeria cylindrica*

*Bulbostylis ciliatifolia*

*Callicarpa americana*

*Campsis radicans*

*Carya aquatica*

*Celtis laevigata*

*Chamaecrista fasciculata*

*Cicuta maculata*

*Citrus x aurantium*

*Colocasia esculenta*

*Commelina diffusa* var. *gigas*

*Crocantemum corymbosum*

*Crotalaria pallida* var. *obovata*

*Croton glandulosus*

*Cupaniopsis anacardioides*

*Cyperus odoratus*

*Dactyloctenium aegyptium*

*Desmodium incanum*

*Dichanthelium commutatum*

*Dichanthelium portoricense*

*Diodia teres*

*Dioscorea bulbifera*

*Drymaria cordata*

*Elephantopus elatus*

*Emilia sonchifolia*

*Eragrostis ciliaris*

*Eugenia uniflora*

*Euphorbia cyathophora*

*Euphorbia hirta*

*Euphorbia hyssopifolia*

*Eustachys petraea*

*Ficus aurea*

*Ficus microcarpa*

*Galactia regularis*

*Galactia volubilis*

*Galium tinctorium*

*Habenaria floribunda*

*Heterotheca subaxillaris*

*Hydrocotyle bonariensis*

*Indigofera hirsuta*

*Iresine diffusa*

*Juniperus virginiana*

*Lantana camara*

*Melinis repens*

*Mikania cordifolia*

*Morus rubra*

*Myrica cerifera*

*Myrsine cubana*

*Nephrolepis cordifolia*

*Nephrolepis exaltata*

*Oeceoclades maculata*

*Oenothera simulans*

*Oplismenus*

*Opuntia humifusa*

*Oxalis corniculata*

*Panicum maximum*

*Parthenocissus quinquefolia*

*Paspalum setaceum*

*Passiflora suberosa*

*Phlebodium aureum*

*Phragmites australis*

*Pinus elliottii* var. *densa*

*Pityopsis graminifolia*

*Pleopeltis polypodioides*

*Psidium guajava*

*Psilotum nudum*

*Psychotria tenuifolia*

*Quercus laurifolia*

*Quercus pumila*

*Quercus virginiana*

*Rhus copallinum*

*Rubus trivialis*

*Rumex verticillatus*

*Sabal palmetto*

*Sagittaria lancifolia*

*Salix caroliniana*

*Saururus cernuus*

*Schinus terebinthifolius*

*Schoenoplectus tabernaemontani*

*Scleria triglomerata*

*Serenoa repens*

*Sida acuta*

*Sida cordifolia*

*Smilax auriculata*

*Spermacoce remota*

*Sphagneticola trilobata*

*Spirodela polyrhiza*

*Sporobolus pyramidalis*

*Stenotaphrum secundatum*

*Symphytotrichum carolinianum*

*Syngonium podophyllum*

*Syzygium cumini*

*Taxodium distichum* | Bald Cypress

*Taxodium ascendens* | Pond Cypress

*Thelypteris dentata*

*Thelypteris kunthii*

*Tillandsia balbisiana*

*Tillandsia fasciculata*

*Tillandsia setacea*

*Tillandsia usneoides*

*Tillandsia utriculata*

*Toxicodendron radicans*

*Triumfetta semitriloba*

*Typha domingensis*

*Urena lobata*

*Viburnum obovatum*

*Vicia acutifolia*

*Vigna luteola*

*Vitis rotundifolia*

*Vittaria lineata*

*Zizaniopsis miliacea*