

## Native trees and shrubs for a lively landscape

Betty Struckhoff

### Harbinger of Spring



Serviceberry



(Flowering Dogwood comes later)

To provide research based horticultural information to the public for community service and gardening pleasure



### Paw Paw - lots to see



### What will your landscape do for you?

- Change with the seasons
- Provide interest in winter
- Attract birds, butterflies and other wildlife
- Screen an unsightly view
- Prevent erosion or grow in difficult conditions
- Offer good scents
- Need minimal watering, fertilizer, other maintenance

### A spring highlight - Red Buckeye



Redbud - a wonderful woodland tree



Pagoda Dogwood  
A four season tree



Spicebush - a splash of  
spring yellow



A late spring blooming shrub  
-  
Blackhaw Viburnum



Friendly natives for summer  
shade

- Red Maple
- Oaks
- Hickories
- Pecan
- Kentucky Coffeetree
- Linden
- Blackgum



## More interesting foliage -- Butternut



## Faster growing trees

- \*Tulip Poplar
- Sweetgum
- Pin Oak (subject to oak galls)
- River Birch →
- \*Bald Cypress
- Beech
- American Basswood
- \* Relatively long-lived

(Ash not recommended because of Emerald Ash borer)



## Summer berries and fruit

- Pagoda Dogwood →
- Paw Paw
- American Plum
- Blackberries, raspberries, blueberries
- Serviceberry →



## Summer blooming shrubs

- Hydrangea
- Viburnums
- Buttonbush
- False Indigo
- Fringe Tree
- Virginia Sweetspire (Itea)



*"We determined to think of no results to be realized in less than forty years."*

Frederick Law Olmsted on designing Central Park



Hydrangea



Buttonbush



## Fragrant Sumac - Seasons of stunning foliage



False Indigo



## Late Summer Paw paws - beat the critters to it!



## Fragrant Sumac - a classy shrub



## Fall Color

- Red Maple
- Black Gum
- Sweetgum
- Red Oak
- Hickory →
- Dogwood
- Virginia Sweetspire (Itea)





Red Maple

Fall berries  
Gray Dogwood →

↓ Beautyberry



Inkberry ↑

### Virginia Sweetspire



### Fruit in Winter

- Winterberry
- Deciduous Holly
- Possumhaw
- Green Hawthorne →
- Persimmon



### The Color Bonus

Paw Paw

Serviceberry

Hickory

Red Maple



### A January bloomer - Vernal Witchhazel



## Nice with Snow....



Pagoda Dogwood

Wild Hydrangea



2008/01/01

## Inkberry - a Boxwood alternative



2008/03/26



2008/08/26

## Interesting bark



Ninebark



Hornbeam



Riverbirch

## Hornbeam - prune for climbing



2008/11/14

## Wildlife - birds

- \*To feed the birds, feed the bugs!
- Succession of food through the seasons
- Include native grasses and flowers
- Nesting
- Winter cover →
- Water

\* Doug Tallamy: *Bringing Nature Home*



## Flowering Dogwood in fall - *Cornus florida*



2008/10/26

## Fall fruit for migrating birds

- Blackgum
- Flowering Dogwood
- Gray Dogwood
- Sassafras
- Spicebush

(Source: *Native Landscaping for Wildlife and People*, Dave Tylka)

## Unwelcome wildlife

### Dealing with deer



## Larval food for butterflies

- Paw paw
- Spicebush
- Pipevine
- Oaks, willows, sassafras



## Screening

- Red Cedar →
- Bald Cypress
- Summer privacy
  - Viburnums
  - Hydrangeas
  - Gray Dogwood
- Ninebark
- Witchazel
- A fence with a native vine



## Larva on Spicebush



## Good Scents

Itea



Clove Currant

Elderberry



Native Honeysuckle



## Restoring Ravaged Ground - Pioneer Species

- River Birch
- Red Cedars
- Black Cherries
- Fragrant Sumac
- Elderberries
- Red Bud

## Maintenance -- Ongoing

- Follow general pruning guidelines
- Leave the leaves to encourage butterfly larva
- Supplemental fertilizer not recommended
- Water when natural rainfall is below average (below 1  $\frac{1}{2}$  inches per month)

## Erosion Control

- Ninebark -will tolerate dry conditions
- Spicebush
- Buttonbush
- Willows -prairie willows for dry site

## Favorite books

- Landscaping with Native Trees, Jim Wilson and Guy Sternberg
- Native Landscaping for Wildlife and People, Dave Tylka
- Noah's Garden, Sara Stein
- Shrubs and Woody Vines of Missouri, Don Kurz
- Tried and True Missouri Natives for your Yard, Missouri Department of Conservation
- Bringing Nature Home, Doug Tallamy

## Maintenance - Getting Established

- Soil test before planting
- Supplemental water to get established ( 1 - 2 years)
- Compost or mulch will reduce competition from unwanted volunteers
- Do not prune unless crossed, dead or diseased branches

## Searching the web

- **GrowNative program**  
[www.grownative.org](http://www.grownative.org)
- **Wild Ones Natural Landscapers**  
[www.stlwildones.org](http://www.stlwildones.org)
- **Missouri Botanical Garden Plantfinder**  
[www.mobot.org/gardeninghelp/plantfinder/Search.asp](http://www.mobot.org/gardeninghelp/plantfinder/Search.asp)

## Consultative Help



Bring Conservation Home  
A St. Louis Audubon Society Community Partnership

[www.stlouisaudubon.org/BCH](http://www.stlouisaudubon.org/BCH)

## Where to Buy...continued

- Forest Releaf - [moreleaf.org/plant/tree-sales/](http://moreleaf.org/plant/tree-sales/)
- Forrest Keeling - [fknursery.com](http://fknursery.com)
- Missouri Wildflower Nursery - [mowildflowers.net](http://mowildflowers.net)
- Nursery and landscaper list at [www.shawnature.org](http://www.shawnature.org)
- GrowNative nurseries and landscape designers [www.grownative.org](http://www.grownative.org)
- Missouri Department of Conservation - [www.mdc.mo.gov](http://www.mdc.mo.gov) and search on "seedling order form"

## How to buy

- Use Binomial Name - *Genus and species*
- Ask "Where was this plant propagated?"

## More Learning Opportunities

### Native Plant School at Shaw Nature Reserve

- May 7, 2018 - Gardening Under a Black Walnut Grove
- June 14, 2018 - The Art of Combining Native Perennials
- July 12, 2018 - Flower Arranging with Native Plants

[www.shawnature.org](http://www.shawnature.org)

The Nature Institute in Godfrey, IL -  
[thenatureinstitute.org](http://thenatureinstitute.org)

## Where to Buy

Your favorite local nursery

Shaw Nature Reserve Native Plant Sale -  
Mother's Day Weekend

## Get Inspired

June 16  
2018

### St. Louis Native Plant Garden Tour

Saturday, June 16th, 2018  
9 am to 4 pm  
10 Locations in Dogtown, Richmond Heights,  
Shaw and Lower Grove



Self-guided tour of residential gardens.

Sun, shade, wet & dry plus butterfly /  
bird-friendly sites.

Cost: \$20

[stlnativeplanttour2018.eventbrite.com](http://stlnativeplanttour2018.eventbrite.com)



Bring  
Conservation  
Home  
A St. Louis  
Audubon Society  
Community  
Partnership



## Related Topics

- *ABC's of Honeybees* - Mark Hartstein
- *Best Gardening Practices for a Sustainable Garden* - Betsy Alexander
- *Designing with Nature in Mind* - Betty S.
- *Is It Edible: Tips on Mushroom Hunting* - Maxine Stone
- *Glades of Missouri* - Carol Gravens

[www.stlimg.com](http://www.stlimg.com)

Click on Speakers' Bureau

## Any Questions?



## Thank You!

