

# Native trees and shrubs for a lively landscape

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## Harbinger of Spring



Serviceberry



(Flowering Dogwood comes later)

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



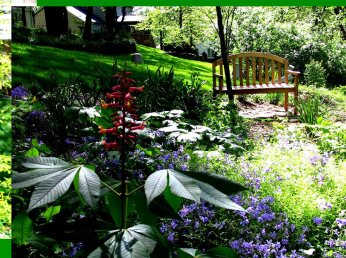
## Paw Paw - lots to see



## 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



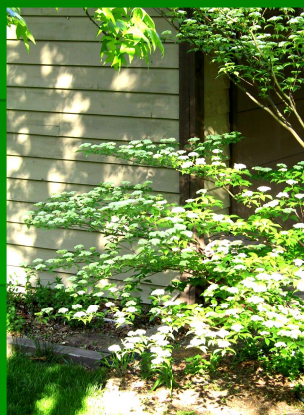
Redbud - a wonderful woodland tree



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



## Summer berries and fruit

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



## 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 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



## Inkberry - a Boxwood alternative



## Interesting bark



Ninebark



Hornbeam

Riverbirch



## Wildlife - birds

- \*To feed the birds, feed the bugs!
- Succession of food through the seasons

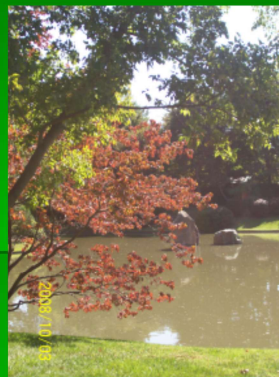
- Include native grasses and flowers
- Nesting
- Winter cover →
- Water
- \* Doug Tallamy: *Bringing Nature Home*



## Hornbeam - prune for climbing



## Flowering Dogwood in fall -Cornus florida





## Fall fruit for migrating birds

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

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

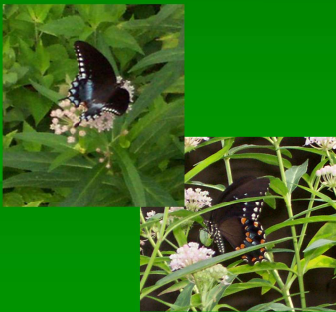
## Unwelcome wildlife

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



Native  
Honeysuckle

Elderberry



Clove  
Currant



## 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



[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 Dugtown, Richmond Heights,  
Shaw and Tower 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)



## 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.stlmng.com](http://www.stlmng.com)

Click on Speakers' Bureau

## Any Questions?



## Thank You!

