

Pine Brook Wetland Restoration Project - Native Trees, Shrubs, Aquatic Plants, Grasses, Vines

Research and Compilation by Pine Brook Wetland Restoration Volunteers Jean Taylor and Debra Goode

Updated April 10, 2009

Native Trees

Name	Benefit to Birds/Mammals	Benefit to Butterflies/Bees
Acacia	Thorns provide good cover for small birds	Flowers attract butterflies; host for Mexican Yellow, Marine Blue, Ceraunas Reakirt's Blue
Black Cherry	Copious fruit for 33 species of birds, plus mammal; good nesting & cover	Host plant to some Hairstreak, Tiger Swallowtail, Spring Azure, Henry Elfin, Red-spotted Purple, produce honey
Black Gum	Winter berries for birds & mammals	Produces honey
Bur Oak	Important early source of food for several species birds e.g. woodpeckers, jays, plus mammals	Host for Edwards Hairstreak, Juvenal's Duskywing; host & nectar for Rustic Sphinx
Carolina Buckthorn	Food for birds & other wildlife-summer berries, ripe in Oct for fall birds; good nest & cover	Produces honey; host for Snout butterfly
Cedar Elm	Seeds for birds e.g. woodpeckers, chickadees, finches, warblers; good nesting & cover	Host for Mourning Cloak, Question Mark, and Comma butterflies
Chinquapin Oak	Acorns for mammals	Perch for butterflies
Cherry Laurel	Winter fruit for birds e.g., robins, cedar waxwings	Good nectar source for bees/insects; host for several species butterflies
Chokeberry	Winter berries for birds, including cedar waxwings	Flowers attract insects of all kinds
Cypress, Bald	Fall seeds for birds, squirrels & other wildlife; excellent cover & nesting	
Cypress, Pond	Seeds for birds	
Red Maple	Seeds for squirrels, woodpeckers, cardinals, finches, cedar waxwings etc.; good cover & nesting	Produces honey
Eastern Red Cedar	Seeds for cedar waxwings & other birds & small mammals	Host for Olive Butterfly
Evergreen Sumac	Fall/winter fruit for birds & mammals; provides cover for birds & small mammals	Fragrant flowers for butterflies/bees
Farkleberry	Excellent food source for sm. mammals & resident & wintering birds; cover for sm. mammals & birds	Host plant for Henry's elfin & Striped hairstreak; produces honey
Fringe Tree	Berries attractive to wildlife; foliage browsed by many animals	Host for Rustic Sphinx moth
Green Ash	Food for mammals, birds and good mammal and bird cover	Host to Tiger Swallowtail, Western Swallowtail
Hackberry	Winter berries for multiple bird species, especially robins & cedar waxwings; good cover & nesting	Host plant to many species of butterflies such as Snout, Hackberry, Tawny Emperor; produces honey
Hercules Club	Seeds for birds; cover for birds & small mammals	Host for Giant Swallowtail; nectar source for bees & butterflies; produces honey
Leatherwood	Food for mammals, waterfowl, birds	Produces honey
Mayhaw	Food for birds, waterfowl, small mammal	Produces honey
Mexican Plum	Fruit for birds & mammals	Flowers -good nectar source; host for Tiger Swallowtail, Viceroy, Henry's Elfin, & Cecropia moths
Parsley Hawthorn	Fruit for 39 species of birds- finches, robins, grosbeak, plus mammals; good cover & nesting	Flowers-butterflies, leaves for larva; produces honey; host for Gray Hairstreak
Pawpaw, Common	Fruit for birds & small mammals, e.g., squirrels & raccoons	Attracts butterflies; host for Zebra Swallowtail & Pawpaw Sphinx
Pecan (Carya illinoensis)	Nuts for squirrels and blue jays	Host for Gray Hairstreak. Attracts butterflies
Persimmon, Common	Fruit (female) for 16 species of birds & mammals	Fragrant blooms; produces honey; host & nectar for Luna moth
Persimmon, Texas	Excellent food for birds, large & small mammals	Host for Henry Elfin; produces honey
Pine, Loblolly	Excel. cover/nesting (e.g., Woodpeckers); food for many birds(e.g. chickadees, goldfinch) & mammals	Host for Pine Elfin and Southern Pine Sphinx; Monarchs like to perch
Pistachio, American	Food for cardinals and other birds	
Red Bay	Food for birds (at least 40 species) & small mammals	Host for Palamedes Swallowtail., Spicebush Swallowtail; produces honey
Redbud, Eastern	Fall seeds for cardinals & other bird species	Produces honey; early nectar source; host for Henry's Elfin
Redbud, Texas	Fall seeds for cardinals & other bird species	Produces honey; early nectar source; host for Henry's Elfin
Roughleaf Dogwood	Food for 40 species of birds in fall, including woodpeckers & doves	Attracts butterflies, bees & other insects; good nectar source; host for several species
Sassafras	Fall fruit for birds; excellent food for bird, small & large mammals, good cover for birds & mammals	Flowers; host-Palamedes Swallowtail, Spicebush Swallowtail; produces honey
Swamp Chestnut Oak	Acorns for many species of wildlife & birds, esp. jays, mourning doves, woodpeckers	Host for Juvenal's & Horace Dusky Wing, Northern & White M Hairstreaks
Sweet Bay Magnolia	Seeds for birds and squirrels	Host for Palamedes, Spicebush, & Tiger Swallowtails, Sweetbay Silkmoth, Banded Hairstreak
Sweetgum	Winter seeds for 25 species of birds e.g. doves, finches, chickadees; good cover & nesting	Host for Luna moth
Sycamore (American)	Fair food for birds, small mammals; good bird cover	Produces honey; host for Great Purple Hairstreak
Water Locust	Food for mammals, birds, waterfowl	Host for Silver Spotted Skipper; produces honey
Water Oak	Food for mammals, over 17 species birds, waterfowl; good nesting & cover	Produces honey; host for Horace Duskywing, White M, Northern, and Banded hairstreaks
Willow Oak	Abundant acorns for squirrels, woodpeckers, jays; good cover & nesting	Host plant for Horace's Duskywing & White M Hairstreak
Winged Elm	Provides cover & nesting, seeds for birds & sm. mammals, leaves for rabbits	Attracts butterflies; host for Question Mark butterfly; produces honey

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Native Shrubs

<u>Name</u>	<u>Benefit to Birds/Mammals</u>	<u>Benefit to Butterflies/Bees</u>
Arrowwood Viburnum	Winter berries for birds	Attracts butterflies
Barbados Cherry	Berries for birds	Nectar for butterflies
Beautyberry	Fall berries for birds (e.g., Bobwhite, mockingbird, cardinals, finches, robins); sm. Mammals; cover	Produces honey
Button Bush	Fall seeds for 25 species of water fowl	Nectar for multiple species of butterflies especially Tiger Swallowtail
Chokeberry	Fruit eaten by at least 40 species of birds	Flowers attract many insects; host for Tiger Swallowtail, Striped Hairstreak & others; nectar-many butterflies
Coralbean	Nectar for hummingbirds	Attracts butterflies
Coralberry	Fall berries for birds; excellent food & cover for birds & mammals	Produces honey
Dwarf Palmetto	Seeds for birds, cover for birds and mammals	
Elderberry	Berries for birds & small mammals	Excellent nectar source for bees, butterflies, moths, and other insects
Hibiscus, Texas Star	Nectar for hummingbirds	Nectar for butterflies
Indigobush Amorpha	Food and cover for mammals, birds, waterfowl	Produces honey; host for Dogface Butterfly, Gray Hairstreak, Silver Spotted Skipper
Joe Pye Weed	Berries for birds	Host-36 butterflies/moths; flowers/nectar
Lantana	Flowers attract hummingbirds, food for cardinals & other birds	Attracts butterflies; host for Painted Lady, Lantana Scrub Hairstreak
Mayhaw Hawthorn	Fruit and cover for birds and small mammals	Attracts butterflies searching for nectar
Possumhaw Holly	Winter/spring berries(female)-cedar waxwings, blue jays, robins,& thrushes, small mammals; cover	Attracts butterflies and bees; produces honey
Rusty Blackhaw Viburnum	Fall fruit & flowers for birds (e.g. Cedar Waxwings, cardinals, mockingbirds, & sm. mammals	Summer flowers for butterflies; produces honey; host for Spring Azur, Henry's Elfin, Red Spotted Purple
Saltmarsh Mallow	Attracts Hummingbirds	Attracts butterflies; host for Painted Lady, Common Checkered, & Tropical Checkered skippers, Gray Hairstreak
Senna	Caterpillars for birds	Attracts butterflies; host-Cloudless Giant Sulfur, Mexican Cloudless Sulfur, Mexican Yellow, Orange Giant Sulfur, & others
Smooth Sumac	32 species of birds, deer, and small mammals; provides some cover for birds & mammals	Produces honey; host for Red-banded Hairstreak
Strawberry Bush	Seeds in fall for birds (e.g., Mockingbirds, thrashers, warblers; also rabbits, raccoons, squirrels)	
Swamp Privet	Excellent food for mammals, birds; excellent cover for birds and small mammals	Yellow flowers produce honey
Turks Cap	Fruit for birds; flowers for hummingbirds	Nectar for Cloudless Sulfur
Virginia Sweetspire	Food & cover for birds, waterfowl, large and small mammals	Flowers provide nectar for many species of butterflies and bees
Wax Myrtle	40 species of birds eat seeds in early spring; food for mammals, excellent cover for birds	Host-18 species of butterflies & moths, including the Red-banded Hairstreak; produces honey
Witch Hazel	Summer fruit for birds	
Yaupon Holly	Late winter berries-7 species of birds, (e.g. cedar waxwings & robins); excellent cover for birds	Nectar for butterflies; produces honey

Native Aquatic/ Bog Plants

<u>Name</u>	<u>Benefit to Birds/Mammals</u>	<u>Benefit to Butterflies/Bees</u>
Arrowhead (many species)	Food for wildlife & birds, e.g., Eastern Bluebird, robin, Northern Flicker	White flowers- provide nectar for butterflies and bees
Canna		Attracts butterflies; host for Brazilian Skipper
Crinum Lily (Americana)		White flowers-nectar
Duckweed	Food for ducks, tadpoles, fish, small mammals. Attracts birds; good waterfowl & bird cover	
Iris	Provides cover	Nectar for butterflies, especially Palmedes Swallowtail
Lady Fern	Provides cover	
Lizard Tail	Attracts birds	White flowers produce nectar for butterflies and bees
Maximilian Sunflower	Food for birds	Attracts butterflies
Obedient Plant	Deep pink flowers attract hummingbirds	Attracts many insects, especially bees, butterflies; provides nectar for bees & other insects
Pickeralweed	Seeds eaten by waterfowl; attracts birds	Deep blue flowers; good nectar for bees & butterflies, especially Palmedes butterfly; attracts dragonflies
Plantain		Host for Buckeye butterfly
Spider Lily	Attracts birds	Fragrant white flowers-nectar for insects
Tall Aster		Nectar for Gulf Fritillary, Monarch, & Eufala Skipper; host for Pearl Crescent
Thalia	Cover for wetland birds	Purple flowers provide nectar for butterflies and bees; host for Brazilian Skipper
Violet (Lanceleaf)		Host for Great Spangled Fritillary; Meadow Fritillary; other Fritillaries
Violet (Walter's)		Host for Great Spangled Fritillary; Meadow Fritillary; other Fritillaries

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Native Grasses, Sedges, Rushes

<u>Name</u>	<u>Benefit to Birds/Mammals</u>	<u>Benefit to Butterflies/Bees</u>
Blue Gamma Grass	Food for mammals, birds; cover for waterfowl, birds, mammals	Shelter for butterflies and other insects
Broomsedge Bluestem Grass	Food for mammals, birds; excellent cover for mammals & birds; excellent nesting & denning material	Shelter for butterflies; host for Zabulon Skipper
Brownseed Paspalum Grass	Food for mammals, birds; good cover for birds; also nesting & denning material	Host for Whirlabout
Brushy Bluestem Grass	Cover & food for many species of birds & mammals; nesting & denning material	Host for several eastern skippers
Buffalograss	Food for small mammals, birds, waterfowl; good nesting & denning materials	Attracts butterflies; host for Green Skipper
Bulrush (multiple species)	Food for birds, treefrog cover	Perch for butterflies and dragonflies
Eastern Gamagrass	Seeds for deer, mammals, birds; excellent cover for birds & small mammals; nesting/denning material	Attracts butterflies; host for Bunchgrass Skipper
Florida Paspalum Grass	Food for birds; small mammal and bird cover; nesting & denning material	Host for Banded Skipper
Gulf Muhly Grass	Provides cover, nesting & denning material	Perch for butterflies
Indiangrass	Fall seeds for birds, small mammals; nesting material; excellent cover for wildlife	Attracts butterflies; host for Pepper & Salt Skipper
Inland Sea Oats	Food for birds and swamp rabbits	Shelter for butterflies
Little Bluestem Grass	Food for mammals, birds; cover for, birds, small mammals; nesting material	Host for Dusted, Indian, Crossline, Swarthy and other Skippers, Common Wood Nymph
Maidencane	Food for swamp rabbits; provides cover and nesting & denning material	Host for Aaron's Skipper
Purple Top Grass	Food for mammals, birds; cover for birds, mammals; nesting & denning material	Host for Cross-line, Little Glassywing, & Broad-Winged Skippers, Large Wood Nymph,
Sedges (Multiple Species)	Food for mammals, birds; excellent waterfowl cover; good cover for birds, mammals	Host for Georgia Satyr, Broad Winged Skipper, Dun Skipper, Common Wood Nymph
Splitbeard Bluestem	Food for many species of small mammals, birds; nesting and denning material	Shelter for butterflies; host for several skippers
Sugarcane Plumegrass	Food for birds; cover for birds and frogs	Shelter for butterflies
Switchgrass	Food and good cove for mammals, birds, waterfowl; good nesting & denning materials	Attracts butterflies; host for Delaware, Dotted & otherskippers; good shelter for butterflies
Texas Cupgrass	Good cover & excellent forage for many species of wildlife; nesting & denning materials; seeds for birds	

Native Vines

<u>Name</u>	<u>Benefit to Birds/Mammals</u>	<u>Benefit to Butterflies/Bees</u>
Alabama Supple Jack	Excellent winter food & cover for birds, sm. mammals & waterfowl	Produces honey
Cat Greenbriar	Food for large & small mammals, birds; excellent cover for small mammals & birds	Flowers attract butterflies
Coral Honeysuckle	Flowers attract hummingbirds; fruit attracts quail, Purple Finch, Goldfinch, robin	Nectar source; flowers attract bees, butterflies; host for Spring Azure & more
Cross Vine	Attracts hummingbirds; food & cover for birds & small mammals	Nectar Source
Dewberry/ Blackberry	Fruit for mammals & birds; cover for birds; nesting area for Mockingbirds and Wrens	Nectar for insects
Muscadine Grape	Excellent food for small & large mammals (raccoons, rabbits, etc); cover for birds & small mammals	Produces honey
Passionflower Vine	Fruit for small mammals & birds	Attracts butterflies; host for Zebra, Crimson Patch, & Julia longwings, Gulf, Mexican & Variegated fritillaries
Peppervine	Attracts birds; good source of food for birds (e.g. bobwhite, brown thrashers) & mammals	Produces honey
Snapdragon Vine	Fruit favorite of many bird species; good cover	Good nectar source for many insects especially butterflies; host & nectar source for Common Buckeye