

## SHRUBS

RIPARIAN ZONE	Common Name	Botanical Name	TYPE	AREA	LIGHT	Soil Moisture	SIZE	Seed production	Benefits, Habitat, Special Notes
A - UPLAND BUFFER	*Some shrubs can be considered small trees		Deciduous	Mountain	Full Sun,	Condition:	Max.		All shrubs have flowers and produce nuts, fruits or berries
B - UPPER SLOPE			Evergreen	Piedmont	Partial,		Height,		All shrubs provide benefits of food and habit for wildlife.
C - LOWER SLOPE				Coastal	Shade		Width		
D - WATER'S EDGE									
D	*Common Alder, Hazel or Tag Alder	<i>Alnus serrulata</i>	Deciduous	M,P,C	FS	Wet, Moist	20' -4"	Seeds, seedlings, containers 3 to 15 gal. (Cuttings are successful).	Forms thickets, prefers wet soil, borders streams, bottomlands, floodplains, swamps.
A	Downy Serviceberry, June Berry	<i>Amelanchier arborea</i>	Deciduous	M,P,C	FS,P	Moist, Dry	25' x 6"	Seeds, seedlings, container 1 gal.	Ornamental, fast growing, prefers moist soils, bordering streams, savannahs, low woodlands. Can be found in uplands also. Spring white to red flowers, fruit in summer, prized by humans and birds alike.
A	Hercules Club, Devil's Walking Stick, Angelica Tree, Prickly Ash, Toothache Tree	<i>Aralia spinosa</i>	Deciduous	M,P,C	P,Shade	Moist, Wet	15'x10'	Seeds, seedlings, container 1 gal.	Perennial; Ornamental due to leaf fall color-burgundy, prefers uplands and lowland forest, thickets, streambanks, swamp margins; July-Aug.-Flowers-creamy white. Sept.-Oct.-Fruit-purple to black. Bird, mammal & butterfly & bee food source.
B	Red Chokeberry	<i>Aronia arbutifolia</i>	Deciduous	M,P,C	FS,P	Wet, Moist	5'x4'	Seeds, seedlings, container 1 gal. (Cuttings are successful)	Ornamental, fast growing, prefers moist soils, bordering streams, savannahs, low woodlands. Tolerant of many sites wet to dry. Mar.-May- white flowers, Sept-Feb-purple/black pome (tiny apple), pome eaten by humans and birds alike.
B	Black Chokeberry	<i>Aronia melanocarpa</i>	Deciduous	M,P,C	FS,P	Wet, Moist	6'x6'	Seeds, seedlings, container 1 gal. (Cuttings are successful)	Ornamental, fast growing, prefers moist soils, bordering streams, savannahs, low woodlands. Tolerant of many sites wet to dry. Mar.-May- white flowers, Sept-Feb-purple/black pome (tiny apple), pome eaten by humans and birds alike.
A	Dwarf Pawpaw	<i>Asimina parviflora</i> (8 species in SE)	Deciduous	P,C	FS,P	Dry, Moist	6' x4'	Seeds, seedlings, container 1 gal.	Occurs on moist to dry sites, open to shady habitat, from coastal hammocks to upland forest. Apr.-May-Flowers-greenish purple to maroon. July-Sept.-Fruits/seeds-eaten by birds, mammals, butterflies. Not easily available, hard to transplant.

## SHRUBS

A	*Silverling, Eastern Baccharis	Baccharis halimifolia	Both	P,C	FS	Moist ,Dry	16'x12'	Seeds, seedlings, container 1 gal. (Cuttings are successful)	Fast growing, single plants or small colonies, male and female plants (dioecious) prefers moist soils bordering streams, right of ways, open woodlands, shore hammocks, sea beaches. Sept.-Oct.-Flowers-white/silvery. Oct-Nov.-Nutlet eaten by birds. Can become weedy in appearance.
A	American Beautyberry, French mulberry, Beautybush	Callicarpa americana	Deciduous	P,C	FS, P	Moist, Dry	8'x6'	Seeds, seedlings, container 1 gal.	Ornamental, fast growing, prefers dry to moist soils bordering streams, open pine canopies, forest margins, right-of-ways, open woodlands. June-July-Flowers-pinkish/white. Aug-Jan.-Fruit/seeds-color purple or white. Eaten by 40+ species of birds & mammals.
A	Sweet-Shrub	Calycanthus floridus	Deciduous	M,P	FS,P	Dry, Moist	8'x6'	Seeds, seedlings, container 1 gal.	Ornamental aromatic (strawberry or banana scent), forms colonies, fast growing, prefers dry to moist sites, bottomland forests, sheltered forests, bordering streams, hills, open woodlands. Mar.-June-Flowers-maroon to purple/brown. Aug.-Apr.Seeds. Eaten by birds & mammals.
A	*Allegheny Chinkapin	Castanea pumila	Deciduous	M,P,C	FS,P	Moist	20'x12'	Seeds, seedlings, container 1 to 3 gal.	Ornamental, fast growing, prefers dry to moist sites bordering streams, hills, open woodlands. Hard to find.
A	New Jersey Tea	Ceanothus americanus 4 species in SE	Deciduous	M,P,C	FS	Moist, Dry	4'x3'	Seeds, seedlings, container 1 to 3 gal.	Ornamental, non-legume nitrogen fixer, fast growing, prefers dry to moist soils bordering forest margins, well drained open hardwood forest, roadsides & clearings. May-june-Flowers-creamy white. June-Sept-fruit/seeds. Eaten by bird, mammals, & butterfly. Hard to find.
D	*Buttonbush	Cephalanthus occidentalis	Deciduous	M,P,C	FS,P	Wet, Moist	20'x12'	Seeds, seedlings, container 1 gal.	Ornamental, fast growing, prefers wet soils bordering streams, ponds & lakes. Jun-Aug.-Balls of white flowers resembling pincushions. Aug.-Jan-fruit/seeds-button like balls of nutlets. Eaten by ducks, songbirds, nectar for butterfly & insects. Leaves poisonous to livestock.
B	*Sweet Pepperbush, White Alder, Mountain Pepperbush, Cinnamon Clethra	Clethra acuminata	Deciduous	M	FS	Moist	20'x12'	Seeds, seedlings, container 1 to 3 gal.	Ornamental, forms colonies, fast growing, prefers moist soils bordering streams, swamp margins, hardwood forests. Intolerant of prolonged flooding. Increased by drainage and fire. May-July-Flowers-white/fragrant. Sept.-Feb.-Fruit/seeds-persists till spring. Eaten by mammals, bees, butterflys & insects.

## SHRUBS

B	*Sweet Pepperbush, White Alder, Summersweet	<i>Clethra alnifolia</i>	Deciduous	P,C	FS	Moist	20'x12'	Seeds, seedlings, container 1 to 3 gal.	Ornamental, forms colonies, fast growing, prefers moist soils bordering streams, swamp margins, wet savannahs, flatwoods, pocosins, bays & shrub bogs. Intolerant of prolonged flooding. Increased by drainage and fire. May-July-Flowers-white/fragrant. Sept.-Feb.-Fruit/seeds-persists till spring. Eaten by mammals, bees, butterflys & insects.
A	Sweet Fern	<i>Comptonia peregrina</i>	Both	M,P	FS	Moist, Dry	6'x6'	Seeds, seedlings, container 1 to 3 gal.	Fast growing, prefers dry to moist soils in dry woods, abandoned fields, ditches and roadbanks. Can be hard to find.
A	Wax Myrtle	<i>Comptonia cerifera</i>	Evergreen	P,C	FS	Moist, Dry	20'x15'	Seeds, seedlings, container 1 to 3 gal.	Fast growing, prefers dry to moist soils in dry woods, abandoned fields, ditches and roadbanks. High value winter food for birds.
B	Silky Dogwood, Bush Dogwood	<i>Cornus amomum</i>	Deciduous	M,P,C	FS,P	Wet, Moist	10'x 8'	Seeds, seedlings, container 1 to 3 gal.	Fast growing, prefers moist soils bordering streams, swamp borders, hardwood forests.
C	Swamp Dogwood	<i>Cornus stricta</i>	Deciduous	P,C	FS, P	Wet, Moist	10'x8'	Seeds, seedlings, container 1 to 3 gal.	Fast growing, prefers moist soils bordering streams, swamp borders, hardwood forests.
A	*American Hazel, Hazelnut	<i>Corylus americana</i>	Deciduous	M,P,C	FS	Moist	15' x10'	Seeds, seedlings, container 1 to 3 gal.	Ornamental, forms colonies, fast growing, prefers slightly acidic soil-loam soils-rocky slopes, moist to dry sites bordering streams, open hardwood forests, pastures, & clearings. Feb-Apr.-Flowers-male catkins- yellowish brown. Sept.-Jan.-Nut. Eaten by humans, birds & small mammals.
A	*Beaked Hazelnut	<i>Corylus cornuta</i>	Deciduous	M,P	FS	Dry, Moist	15' x10'	Seeds, seedlings, container 1 to 3 gal.	Ornamental, forms colonies, fast growing, prefers slightly acidic soil-loam soils-rocky slopes, moist to dry sites bordering streams, open hardwood forests, pastures, & clearings. Feb-Apr.-Flowers-male catkins- yellowish brown. Sept.-Jan.-Nut. Eaten by humans, birds & small mammals.
A	*Summer Haw, Yellow Hawthorn	<i>Crateagus flava</i> (56 species in SE)	Deciduous	P,C	FS	Dry, Moist	T,S -1-3'	Seeds, seedlings, containers 3 to 15 gal.	Ornamental, forms colonies/thickets, produces thorns, strong root system, prefers moist to dry sites, streambanks, pastures, woodlines, thickets, right-of-ways, etc. Apr.-May-Flowers-white. Aug.-Oct.-Red Pome-Eaten by mammals, game birds, & songbirds.
A	*Littlehip Hawthorn, red Haw, Sugar Haw	<i>Crateagus spatulata</i> (56 species in SE)	Deciduous	M,P,C	FS	Moist	T,S -1-3'	Seeds, seedlings, containers 3 to 15 gal.	Ornamental-crooked trunk/shrub, forms colonies/thickets, produces thorns, strong root system, prefers moist to wet sites, streambanks, bottonlands, moist slopes. Apr.-May-Flowers-white. Oct.-Dec.-Red Pome-Eaten by mammals, game birds, & songbirds.

## SHRUBS

A	*Dwarf Hawthorn, One Flowered Hawthorn	<i>Crateagus uniflora</i> (56 species in SE)	Deciduous	P,C	FS	Dry	T,S -1-3'	Seeds, seedlings, containers 3 to 15 gal.	Ornamental, forms colonies/thickets, produces thorns, strong root system, prefers dry sites, open forests & margins, especially sandy ridges. Apr.-May-Flowers-white. Aug.-Oct.-Red Pome-Eaten by mammals, game birds, & songbirds.
A	*Parsley Hawthorn	<i>Crateagus marshallii</i> (56 species in SE)	Deciduous	M,P,C	FS	Wet, Moist	T,S -1-3'	Seeds, seedlings, containers 3 to 15 gal.	Ornamental, forms colonies/thickets, produces thorns, strong root system, prefers moist to wet sites, streambanks, swamps, open moist forests. Apr.-May-Flowers-white. Aug.-Oct.-Red Pome-Eaten by mammals, game birds, & songbirds.
C	*White Titi, Black titi, Leatherwood, Swamp Cyrilla, He-huckberry	<i>Cyrilla racemiflora</i>	Both	C	FS	Wet, Moist	T, S-1-3	Seeds, seedlings, containers 3 to 15 gal.	Fast growing, forms colonies, prefers moist to wet sites, stream margins, seasonally wet forests, flatwoods depressions, shrub bogs, often in pure stands. Deep rooted. May-July-Flowers-white-fragrant, Sept.-Oct.-Seeds. Eaten by birds & butterfly nectar source.
A	Bush Honeysuckle	<i>Diervilla sessilifolia</i>	Deciduous	M	FS	Dry	5'x5'	Seeds, seedlings, container 1 to 3 gal.	Fast growing, prefers upland woods.
B	Hearts A'Bustin, Strawberry Bush, Burning Bush, Bursting-heart	<i>Euonymus americanus</i>	Both	M,P,C	FS,P	Wet, Moist	6'x4'	Seeds, seedlings, container 1 to 3 gal.	Ornamental, fast growing, prefers moist forests including bottomland and bordering small streams & mixed forests. Mar.-May-Flowers-yellowish green. Sept.-Dec. Red/orange fruit/seeds. Eaten by deer, mammals, birds & butterfly nectar. Some shade but mostly shade intolerant.
A	*Carolina Buckthorn, Indian Cherry, Pole-Cat-Tree	<i>Frangula caroliniana</i>	Deciduous	P,C	FS,P	Dry, Moist	8'x4'	Seeds, seedlings, container 1 to 3 gal.	Occurs on moist to dry sites, open to semi-shady habitat, new forest plantations, mature forests, open hardwood and bottomland forests. May-June-Flowers-greenish white. Aug.-Jan.-Red Berry/seeds. Eaten by songbirds & mammals.
A	*Wintergreen	<i>Gaultheria procumbens</i>	Evergreen	M,P,C	P,Shade	Dry, Moist	5x5	Seeds, seedlings, container 1 to 3 gal.	Fast growing, prefers upland xeric to mesic woods. Can be hard to find.
A	Black Huckleberry	<i>Gaylussacia baccata</i> (6 species in SE)	Deciduous	M,P,C	FS	Moist, Dry	5'x5'	Seeds, seedlings, container 1 to 3 gal.	Excellent Groundcover, fast growing, occurs in dry to moist soils in dry woods, abandoned fields, open woodlands. May.-Jun-Flowers-white. June-Oct.-Berry eaten by birds, mammals, reptiles, insects & butterflies.

## SHRUBS

A	Dwarf Huckleberry, Gopherberry	Gaylussacia dumosa(6 species in SE)	Both	M,P,C	FS	Moist, Dry	2'x2'	Seeds, seedlings, container 1 to 3 gal.	Excellent Groundcover, fast growing, occurs in sandy soils of pine and pine-oak forests & high elevation pine forests to shrub-tree bogs. May.-Jun-Flowers-white. June-Oct.-Berry eaten by birds, mammals, reptiles, insects & butterflies.
A	Blue Huckleberry, Dandleberry	Gaylussacia frondosa (6 species in SE)	Deciduous	P,C	FS	Moist, Dry	5'x5'	Seeds, seedlings, container 1 to 3 gal.	Excellent Groundcover, fast growing, occurs in wet and well-drained flatwoods, sandhills, margins of bays, shrub bogs & cypress depressions. May.-Jun-Flowers-white. June-Oct.-Berry eaten by birds, mammals, reptiles, insects & butterflies.
A	Huckleberry, Buckberry	Gaylussacia ursina (6 species in SE)	Deciduous	M,P,C	FS	Moist, Dry	5'x5'	Seeds, seedlings, container 1 to 3 gal.	Excellent Groundcover, fast growing, occurs in dry to moist soils in dry woods, abandoned fields, open woodlands. May.-Jun-Flowers-white. June-Oct.-Berry eaten by birds, mammals, reptiles, insects & butterflies.
A	*Witch Hazel	Hamamelis virginiana	Deciduous	M,P,C	FS,P	Moist	20'x15'	Seeds, seedlings, container 1 to 3 gal.	Ornamental, can form colonies, occurs on moist sites, open to shady habitats, as an understory plant in mixed forests, bottomland forests, forest margins & bordering streams. Sept.-dec.-Flowers-yellow. Oct.-Nov.-Seeds. Eaten by Mammals, birds & pollinated by Cuculiid moths.
D	Swamp Mallow, Wild Cotton	Hibiscus moscheutos	Deciduous	P,C	FS	Wet, Moist	6'x4'	Seeds, seedlings, container 1 to 5 gal.	Fast growing, prefers moist soils bordering streams, marshes and swamp forests, ditches. June-Oct.-Flowers-cream to yellow to pink. Seeds-Aug-Nov. Bird & butterfly food.
D	Althea, Rose of Sharon	Hibiscus syriacus	Deciduous	M,P,C	FS	Moist, Wet, Dry	6'x5'	Seeds, seedlings, container 1 to 5 gal.	Ornamental, commonly cultivated, fast growing, prefers moist soils bordering streams, marshes and swamp forests, ditches but can grow in dry sites also. June-Oct.-Flowers-cream to yellow to pink. Seeds-Aug-Nov. Bird & butterfly food.
B	Wild Hydrangea, Climbing Hydrangea, Sevenbark, Mountain Hydrangea	Hydrangea arborescens	Deciduous	M,P	FS,P,Shade	Moist	6'x5'	Seeds, seedlings, container 1 to 3 gal.	Ornamental, fast growing, occurs in shady habitats, mostly in rocky sloped forest stands, bordering streams or mixed forests. Can also be considered a vine. May-July-Flowers-white. Oct.-Feb.-Seeds. Eaten by mammals, game birds, songbirds, insects & butterflies.
B	Oak-leaf Hydrangea	Hydrangea quercifolia	Deciduous	M,P	FS,P,Shade	Moist	6'x5'	Seeds, seedlings, container 1 to 3 gal.	Ornamental, fast growing, occurs in shady to semi-shady habitats, on moist slopes & bottomland forests, bordering streams or mixed forests. May-July-Flowers-white. Oct.-Feb.-Seeds. Eaten by mammals, game birds, songbirds, insects & butterflies.

## SHRUBS

A	Sweet Gallberry, Gay-ball Bush, Shining Inkberry	Ilex coriacea (13 species in SE)	Evergreen	P,C	FS,P	Wet, Moist, Dry	18'x15'	Seeds, seedlings, container 1 to 3 gal.	Ornamental, forms colonies, fast growing understory shrub in flatwood forests, prefers acidic soils bordering streams, pocosins, bays, sandy woods, & swamps. Apr.-May-Flowers-white. Sept.-Feb.-Fruit-black. Eaten by songbirds, gamebirds, mammals & insects/bees.
A	*Possumhaw	Ilex decidua (13 species in SE)	Deciduous	P,C	FS,P,Shade	Dry	25'x15'	Seeds, seedlings, container 1 to 5 gal.	Ornamental, forms colonies, fast growing understory shrub in flatwood forests, prefers acidic soils bordering streams and forests, fields, open forests, low woodlands, mixed forests. May-June-Flowers-white. Sept.-Feb.-Fruit. Eaten by songbirds, gamebirds, mammals & insects/bees.
A	Inkberry, Bitter Gallberry, Evergreen Winterberry	Ilex glabra (13 species in SE)	Evergreen	C	P, Shade	Dry, Moist, Wet	10'x8'	Seeds, seedlings, container 1 to 5 gal.	Ornamental, forms colonies, fast growing understory shrub in flatwood forests of lower Cp., prefers acidic soils bordering streams, low woodlands, pocosins, bays, mixed forests. May-June-Flowers-white. Sept.-Feb.-Fruit-black. Eaten by songbirds, gamebirds, mammals & insects/bees.
A	*American Holly	Ilex opaca (13 species in SE)	Evergreen	P,C	FS,P,Shade	Dry	25'x15'	Seeds, seedlings, container 1 to 5 gal.	Ornamental, fast growing understory shrub/tree in mixed upland & bottomland forests, prefers acidic soils. May-June-Flowers-white. Sept.-Feb.-Red Fruit. Eaten by songbirds, gamebirds, mammals & insects/bees.
A	Winterberry	Ilex verticillata (13 species in SE)	Deciduous	M,P,C	FS,P	Wet, Moist	10'x6'	Seeds, seedlings, container 1 to 5 gal.	Ornamental, forms colonies, fast growing understory shrub in flatwood forests, prefers acidic soils bordering streams, low woodlands, bogs. May-June-Flowers-white. Sept.-Feb.-Fruit. Eaten by songbirds, gamebirds, mammals & insects/bees.
A	Yaupon Holly	Ilex vomitoria (13 species in SE)	Evergreen	P,C	FS	Moist, Dry	15'x10'	Seedlings, container 3 to 15 gal.	Ornamental, forms colonies, fast growing understory shrub in flatwood forests of lower Cp., prefers acidic soils bordering streams and forests, fields, open forests, low woodlands, mixed forests. May-June-Flowers-white. Sept.-Feb.-Red Fruit. Eaten by songbirds, gamebirds, mammals & insects/bees.
D	Virginia Willow, Sweetspire, Tassel-white, Washington Plume	Itea virginica	Deciduous	P,C	FS,P, Shade	Wet, Moist	8'x6'	Seeds, seedlings, container 1 to 5 gal.	Ornamental, fast growing, occurs along the water edge of streams, rivers & swamps, forest edges, low woodlands, mixed forests. April-June-Flowers-white. July-Feb.-Fruit. Eaten by mammals, birds, butterflies & insects.

## SHRUBS

A	Mountain Laurel, Mountain Ivy, Calico Bush, Spoonwort	<i>Kalmia latifolia</i>	Evergreen	M,P	FS,P, Shade	Wet, Moist	6'x5'	Seeds, seedlings, container 1 to 5 gal.	Ornamental, forms thickets, slower growing, occurs in dense thickets in Southern Appalachian St., Infrequent along wooded streams, & shady bluffs in Lower Pd & Cp. Apr.-June-Flowers-white/pinkish white/pink. Sept.-Dec.-Seeds. Eaten by mammals & birds. Needs North facing slope for piedmont areas.
A	Sheep Laurel, Lamb Kill, Wicky	<i>Kalmia augustifolia</i> var. <i>caroliniana</i>	Evergreen	P,C	P,Shade	Wet, Moist	6'x5'	Seeds, seedlings, container 1 to 5 gal.	Ornamental, forms thickets, slower growing, occurs in dense thickets in Southern Appalachian St., Infrequent along wooded streams, & shady bluffs in Lower Pd & Cp. Apr.-June-Flowers-white/pinkish white/pink. Sept.-Dec.-Seeds. Eaten by mammals & birds.
C	Coastal Dog-Hobble	<i>Leucothoe axillaris</i>	Evergreen	C	P,Shade	Wet, Moist	6'x4'	Seedlings, container 3 to 15 gal.	Ornamental, forms colonies, slower growing, prefers wet to moist soils bordering streams, low woodlands, mixed forests, forms thickets.
C	Dog-Hobble	<i>Leucothoe editorum</i>	Evergreen	M,P	P,Shade	Wet, Moist	6'x4'	Seedlings, container 3 to 15 gal.	Ornamental, forms thickets, slower growing, prefers wet to moist soils bordering streams, low woodlands, mixed forests, forms thickets.
C	Fetterbush, Sweetbells	<i>Leucothoe racemosa</i>	Evergreen	P,C	P,Shade	Wet, Moist	6'x4'	Seedlings, container 3 to 15 gal.	Ornamental, forms thickets, slower growing, prefers wet to moist soils bordering streams, low woodlands, bogs, swamps, savannahs.
B	Spicebush	<i>Lindera benzoin</i>	Deciduous	M,P,C	P,Shade	Wet, Moist	6'x5'	Seeds, seedlings, container 1 to 5 gal.	Ornamental, fast growing, prefers moist soils bordering streams, hardwood forests. Red fruit, aromatic. Eaten by mammals, birds, butterflys & insects.
B	Male-Berry, Male-Blueberry	<i>Lyonia ligustrina</i> (5 species in SE)	Deciduous	P,C	FS, P	Wet, Moist	10'x8'	Seeds, seedlings, container 1 to 5 gal.	Ornamental, fast growing, prefers moist soils bordering streams, hardwood forests. Eaten by mammals, birds, butterflys & insects.
C	Fetterbush	<i>Lyonia lucida</i> (5 species in SE)	Deciduous	P,C	FS,P	Wet, Moist	6'x5'	Seeds, seedlings, container 1 to 5 gal.	Ornamental, fast growing, prefers moist soils bordering streams, hardwood forests. Eaten by mammals, birds, butterflys & insects.
A	*Southern Wax Myrtle, Bayberry, Candleberry	<i>Myrica cerifera</i> 5 species in SE	Evergreen	P,C	FS,P	Dry, Moist	25'x20'	Container, 1 to 3 gal.	Non-legume nitrogen fixer, fast growing, useful hedge, spreads rapidly, occurs on wet to dry sites, roadsides, ditches, marshes, has fragrant foliage used to repel insects.Aug.-Feb.-Seeds. Eaten by gamebirds, songbirds, waterfowl & insects.
A	Ninebark	<i>Physocarpus opulifolius</i>	Deciduous	M,P,C	FS,P	Moist, Wet	10'x8'	Seeds, seedlings, container 1 to 5 gal.	Occures along streams, river banks, bog margins, & moist cliffs. April-July-white-pinkish. June-Sept.-Seeds. Eaten by mammals, bees & insects.
A	Dwarf Azalea	<i>Rhododendron atlanticum</i>	Deciduous	P,C	FS	Moist, Dry	6'x3'	Seeds, seedlings, container 1 to 5 gal.	Fast growing, prefers moist to dry soils in pine woods and savannahs, usually moist situations. Bird and butterfly food.

## SHRUBS

B	Flame Azalea	Rhododendron calendulaceum	Deciduous	M,P	FS,P	Moist, Dry	12'x8'	Seeds, seedlings, container 1 to 5 gal.	Fast growing, prefers moist soils bordering streams, low woodlands, hardwood forests. Bird and butterfly food.
A	Catawba Rhododendron	Rhododendron catawbiense	Deciduous	M,P	FS	Moist, Dry	15'x10'	Seeds, seedlings, container 1 to 5 gal.	Fast growing, prefers moist to dry soils on rocky slopes, ridges and balds, forms thickets. Hummingbird and butterfly food.
B	*Rosebay Rhododendron, Great Laurel	Rhododendron maximum	Deciduous	M,P	FS	Moist	15'x10'	Seeds, seedlings, container 1 to 5 gal.	Fast growing, prefers moist soils on streambanks and hardwoods. Bird and butterfly food.
A	Pinxterbloom Azalea	Rhododendron nudiflorum var. canescens	Deciduous	M,P	P, Shade	Moist, Dry	6'x3'	Seeds, seedlings, container 1 to 5 gal.	Fast growing, prefers moist to dry soils in upland woods and thickets, borders of bogs and swamps. Bird and butterfly food. Bird and butterfly food.
C	Swamp Azalea	Rhododendron viscosum (R. serrulata)	Deciduous	M,P,C	P, Shade	Wet, Moist	6'x3'	Seeds, seedlings, container 1 to 5 gal.	Fast growing, prefers wet soils bordering streams & swamps. Bird and butterfly food.
A	Fragrant Sumac	Rhus aromatica	Deciduous	P,C	FS	Dry	1' -	Seeds, seedlings, containers	Groundcover, fast growing, occurs on dry sites, right of ways & forest margins, almost any soil. Feb.-May-flowers-greenish white. April-Sept.-seeds. Seeds eaten by mammals, insects & many birds.
A	*Shining Sumac, Winged Sumac, Dwarf Sumac	Rhus copallina	Deciduous	M,P,C	FS	Moist, Dry	25' -6"	Seeds, seedlings, containers	Fast growing; erosion control; forms colonies; occurs on right of ways & forest margins, almost any soil. June-Sept.-flowers-greenish white. Aug.-Jan.-seeds. Seeds eaten by mammals, insects & many birds.
A	*Smooth Sumac, Scarlet Sumac, Common Sumac	Rhus glabra	Deciduous	M,P,C	FS	Moist, Dry	20' -4"	Seeds, seedlings, containers	Fast growing; erosion control; forms colonies; occurs on right of ways & forest margins, almost any soil. June-Sept.-flowers-greenish white. Aug.-Jan.-seeds. Seeds eaten by mammals, insects & many birds.
A	*Staghorn Sumac, Velvet Sumac	Rhus hirta (Rhus typhina)	Deciduous	M,P	FS	Moist, Dry	30' -8"	Seeds, seedlings, containers	Fast growing; erosion control; forms colonies; occurs on right of ways & forest margins, almost any soil. June-Sept.-flowers-greenish white. Aug.-Jan.-seeds. Seeds eaten by mammals, insects & many birds.
A	Pasture Rose, Wild Rose	Rosa carolina	Deciduous	M,P,C	FS,P	Dry, Moist	5'x5'	Seeds, seedlings, container 1 to 5 gal.	Fast growing, erosion control, upland pastures, woodland borders, almost any soil. Fruits eaten by mammals & many birds.
C	Swamp Rose	Rosa palustris	Deciduous	M,P,C	FS,P, Shade	Wet, Moist	8'x6'	Seeds, seedlings, container 1 to 5 gal.	Fast Growing, prefers wet soils bordering streams, ponds & swamp forests. Berries eaten by many birds
A	Alleghany Blackberry	Rubus s. Eubatus allegheniensis	Deciduous	M,P	FS	Moist, Dry	10'x10'	Seeds, seedlings, container 1 to 5 gal.	Fast growing, prefers moist to dry soils in upland woodlands borders, forms thickets. Butterfly and bird food.

## SHRUBS

A	Purple Flowering Raspberry	<i>Rubus odoratus</i>	Deciduous	M	FS	Moist, Dry	5'x5'	Seeds, seedlings, container 1 to 5 gal.	Fast growing, prefers woodland borders, rocky slopes, streambanks, roadcuts and slopes. No thorns. Butterfly and bird food. Can be hard to find.
B	Prairie Willow	<i>Salix humilis</i>	Deciduous	M,P	FS	Moist	6'x5'	Seeds, seedlings, container 1 to 5 gal.	Fast Growing, prefers moist to wet soils bordering streams, marshes, low woods.
B	Silky Willow	<i>Salix sericea</i>	Deciduous	M,P	FS	Moist	15'x10'	Seeds, seedlings, container 1 to 5 gal.	Fast Growing, prefers moist to wet soils bordering streams, woodland borders, roadsides & ditches.
D	Common Elderberry, American Elder, Elderberry, Common Elder	<i>Sambucus canadensis</i>	Deciduous	M,P,C	FS	Wet, Moist	12'x10' -6"	Seeds, seedlings, container 1 gal. (Cuttings are successful)	Fast growing, forms colonies, prefers moist to wet sites, in open habitat. Deep rooted. June-July-white flowers, Aug-Oct .purple/black prolific berries. Fruit edible to humans. Fruit eaten by mammals & +50 species birds.
D	Meadowsweet & Narrow Leaved Meadowsweet	<i>Spiraea tomentosa</i> & <i>Spiraea alba</i>	Deciduous	M,P,C	FS,P	Wet, Moist	8'x6'	Seeds, seedlings, container 1 to 5 gal.	Fast growing, prefers moist to wet soils, streambanks, lowlands, meadows and bogs.
C	Virginia Stewartia, Silky Camelia	<i>Stewartia malacodendron</i>	Deciduous	P,C	FS,P,Shade	Moist	8'x6'	Seeds, seedlings, container 1 to 5 gal.	Fast growing, prefers moist to wet soils, streambanks, lowwoods, wet meadows and bogs.
C	Mountain Stewartia	<i>Stewartia ovata</i>	Deciduous	M,P	FS,P,Shade	Moist	8'x6'	Seeds, seedlings, container 1 to 5 gal.	Fast growing, prefers moist to wet soils, riverbluffs, streambanks, lowlands.
A	American Snowbell	<i>Styrax americana</i>	Deciduous	P,C	FS,P	Moist, Dry	6'x5'	Seeds, seedlings, container 1 to 5 gal.	Fast growing, prefers dry to moist soils, upland woods, mixed forests.
A	Bigleaf Snowbell	<i>Styrax grandifolia</i>	Deciduous	P,C	FS,P	Moist, Dry	6'x5'	Seeds, seedlings, container 1 to 5 gal.	Fast growing, prefers dry to moist soils, upland woods, mixed forests.
A	Sparkleberry	<i>Vaccinium arboreum</i>	Evergreen	P,C	FS,P	Moist, Dry	25'x15'	Seeds, seedlings, container 1 to 5 gal.	Fast growing, prefers acidic, dry to moist soils, dry upland, forest understory, and clearings. Fruit eaten by mammals, reptiles, insects, butterflys & many birds.
A	Black Highbush Blueberry	<i>Vaccinium atrococcum</i>	Evergreen	P,C	FS,P	Moist, Dry	8'x6'	Seeds, seedlings, container 1 to 5 gal.	Fast growing, prefers dry to moist soils, dry upland, forest understory, and clearings. Fruit edible to humans. Fruit eaten by mammals, reptiles, insects, butterflys & many birds.
B	Highbush Blueberry	<i>Vaccinium corymbosum</i> ( <i>V. virgata</i> , <i>formosa</i> )	Evergreen	M,P,C	FS	Moist, Dry	10'x6'	Seeds, seedlings, container 1 to 5 gal.	Fast growing, prefers wet to moist soils, bogs, pocosins, pine barrens, upland forest understory, and clearings. Fruit edible to humans. Fruit eaten by mammals, reptiles, insects, butterflys & many birds.

## SHRUBS

A	Creeping Blueberry	Vaccinium crassifolium	Evergreen	P,C	FS	Moist, Dry	2'x1'	Seeds, seedlings, container 1 to 5 gal.	Groundcover; fast growing, prefers moist to dry soils, poccosins, pine barrens, upland forest understory, and clearings. Fruit eaten by mammals, reptiles, insects, butterflies & many birds. Fruit edible to humans.
C	Elliott Blueberry, Mayberry	Vaccinium elliottii	Evergreen	M,P,C	P,Shady	Wet, Moist	10'x8'	Seeds, seedlings, container 1 to 5 gal.	Fast growing, prefers wet to moist soils, along streams and swamp forests. Fruit eaten by mammals, reptiles, insects, butterflies & many birds.
A	Huckleberry, Southern Gooseberry	Vaccinium stamineum	Evergreen	M,P,C	FS	Moist, Dry	20'x15'	Seeds, seedlings, container 1 to 5 gal.	Fast growing, prefers dry to moist soils, dry upland, forest understory, and clearings. Fruit eaten by mammals, reptiles, insects, butterflies & many birds.
A	Lowbush Blueberry	Vaccinium tenellum	Evergreen	P,C	FS	Dry	1'x1'	Seeds, seedlings, container 1 to 5 gal.	Fast growing, prefers dry soils, dry upland, forest understory, and clearings. Fruit eaten by mammals, reptiles, insects, butterflies & many birds.
A	Lowbush Blueberry	Vaccinium vacillans	Evergreen	P,C	FS	Dry	1'x1'	Seeds, seedlings, container 1 to 5 gal.	Fast growing, prefers dry soils, dry upland, forest understory, and clearings. Fruit eaten by mammals, reptiles, insects, butterflies & many birds.
B	Maple Leaf Viburnum	Viburnum acerifolium	Deciduous	M,P	FS	Moist	8'x6'	Seeds, seedlings, container 1 gal. (Cuttings are successful)	Deep rooted, forms colonies, moist soils, especially in valleys, slopes, in thickets and edges of forest. Prolific berries eaten by many species of birds.
B	Southern Arrowwood Viburnum	Viburnum dentatum	Deciduous	M,P,C	FS	Moist, Dry	10'x6'	Seeds, seedlings, container 1 gal. (Cuttings are successful)	Deep rooted, wet to moist soils near streams and swamps, forming thickets. Prolific berries eaten by many species of birds.
B	Possumhaw Viburnum	Viburnum nudum	Deciduous	M,P,C	FS	Wet, Moist	16x10'	Seeds, seedlings, container 1 gal. (Cuttings are successful)	Deep rooted, moist to dry soils, especially sandy, forming thickets. Prolific berries eaten by many species of birds.
B	Nannyberry	Viburnum lentago	Deciduous	M,P,C	FS	Wet, Moist	20'x10'	Seeds, seedlings, container 1 gal. (Cuttings are successful)	Deep rooted, moist to dry soils. Spring-white flowers, Late summer-fruits reddish/black. Fruit edible to humans. Prolific fruit eaten by many species of birds.
B	Blackhaw Viburnum	Viburnum prunifolium	Deciduous	M,P,C	FS	Moist	25'x16'	Seeds, seedlings, container 1 gal. (Cuttings are successful)	Deep rooted, moist soils, especially in valleys, slopes, in thickets and edges of forest. Spring white flowers, fall-black prolific berries. Fruit edible to humans.
B	Downy Arrowwood	Viburnum rafinesquianum	Deciduous	P	FS	Moist	20'x16'	Seeds, seedlings, container 1 gal. (Cuttings are successful)	Deep rooted, moist soils, valleys, slopes, in thickets and edges of forest. Prolific berries eaten by many species of birds.

## SHRUBS

B	Rusty Blackhaw	Viburnum rufidulum	Deciduous	P,C	FS	Moist	20'x16'	Seeds, seedlings, container 1 gal. (Cuttings are successful)	Deep rooted, moist to dry soils uplands and edges of forest, forming thickets. Prolific berries eaten by many species of birds.
D	Yellowroot	Xanthorhiza simplicissima	Deciduous	M,P,C	P,Shade	Wet, Moist	3'x3'	Seeds, seedlings, container 1 gal. (Cuttings are successful)	Deep rooted, wet to moist soils at waters edge, streambanks.
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