

NATIVE HAVENS LLC

nativehavens@gmail.com

www.nativehavens.com



Presentation plant list- Grouped according to functionality of plants in a garden

By: James Dillon, PCH

| Botanic Name | Common Name | Type | Function | Notes | Semi/Ever- | Deer | Additional Comments |
|--------------------------------------|--------------------------------|------------------|--------------|--|---------------------|------------|---|
| | | | | | green Basal Foliage | Resistance | |
| Allium cernuum | Nodding Onion | perennial | Filler Plant | Nectar source, attracts hummingbirds and butterflies | yes | high | 12-18", fills in bare soil areas (deadhead if reseeding not desired), very drought tolerant and adaptable |
| Aquilegia canadensis | Eastern Red Columbine | perennial | Filler Plant | Larval host plant, Nectar source, attractive to Hummingbirds | yes | high | 1-3', drought and tolerand, best with some shade, requires good drainage, |
| Coreopsis tinctoria | Plains Coreopsis | perennial | Filler Plant | Nectar source, attracts birds and butterflies | no | high | 1-2', full sun to part shade, moist soil, short-lived perennial that can naturalize by seeding |
| Geranium maculatum | Spotted Geranium | perennial | Filler Plant | Nectar source, other wildlife value | no | low | 1-2', moist to dry soil, part shade to shade |
| Lobelia cardinalis | Cardinal Flower | perennial | Filler Plant | Nectar plant, attracts birds, butterflies, hummingbirds | yes | moderate | 2-5', Red flowers for weeks during summer, best in moist soil, short-lived but can seed into scarified soil (e.g. creek bank) |
| Penstemon digitalis | Beardtongue | perennial | Filler Plant | Larval host plant, nectar plant | yes | high | special value to native bees, one of my favorites! |
| Penstemon smallii | Small's Beardtongue | perennial | Filler Plant | Larval host plant, nectar plant | yes | high | special value to native bees, one of my favorites too! |
| Rudbeckia hirta | Brown-eyed Susan | perennial | Filler Plant | Larval host plant, nectar plant, attracts birds and bees | no | high | 1-2', short-lived, but good temporary cover with flowers, can seed heavily |
| Sisyrinchium angustifolium 'Lucerne' | Lucerne' Blue Eyed Grass | perennial | Filler Plant | Nectar plant, other wildlife value | yes | high | 12", short-lived perennial with small Iris-like foliage, can perpetuate by seeding, prefers moist to average soil |
| Arctostaphylos uvi-ursa | Bearberry | perennial | Ground Cover | Larval host plant, nectar plant | yes | high | 4" tall, sun to part shade, requires good drainage (not clay) |
| Asarum canadensis | Wild ginger | perennial | Ground Cover | Larval host plant, other wildlife value | no | high | 6-12", Inconspicuous flower, thick g/c for shade and drought tolerant |
| Aster divaricatus 'Eastern Star' | Eastern Star' White Wood Aster | perennial | Ground Cover | Larval host plant, nectar plant | yes | moderate | 18-24", tolerates dry shade under other plants, hosts Pearl Cresent and Checkerspot |
| Carex amphibola | Creek Sedge | sedge/grass/rush | Ground Cover | Larval host plant, nectar plant, seeds for birds | yes | high | 12-18" tall, moist soil, sun to shade, wet to dry, adaptable |
| Carex appalachica | Appalachian Sedge | sedge/grass/rush | Ground Cover | Larval host plant, nectar plant, seeds for birds | yes | high | 12", tolerates dry shade, tidy clumping habit |
| Carex cherokeensis | Cherokee Sedge | sedge/grass/rush | Ground Cover | Larval host plant, nectar plant, seeds for birds | yes | high | 12-18" tall, moist to dry, sun to shade |
| Carex eburnia | Bristleleaf Sedge | sedge/grass/rush | Ground Cover | Larval host plant, nectar plant, seeds for birds | yes | high | 6-8" tall, sun to shade, tolerates limestone soil and drought |
| Carex pennsylvanica | Pennsylvania Sedge | sedge/grass/rush | Ground Cover | Larval host plant, nectar plant, seeds for birds | yes | high | 6-12" tall, dry shade, rhizomatous |
| Carex plantaginea | Seersucker Sedge | sedge/grass/rush | Ground Cover | Larval host plant, nectar plant, seeds for birds | yes | high | 6-12" tall, moist shade to part shade, wider blade than most |
| Chyrosogonum virginianum | Gold Star | perennial | Ground Cover | Nectar plant, other ecological value | yes | high | 4-6" tall, part sun to part shade, moist/well-drained soil |
| Deschampsia cespitosa 'Goldtau' | Tufted Hairgrass | sedge/grass/rush | Ground Cover | Wildlife cover, other ecological value | yes | high | Non-native, 12-24", Selected for compact habit, full sun to part sun and moist to average soil |

| Botanic Name | Common Name | Type | Function | Notes | Semi- Evergreen to Evergreen Basal Foliage | Deer Resistance | Additional Comments |
|---|-------------------------------|------------------|----------------------|---|---|----------------------------|--|
| Erigeron pulchellus var. pulchellus 'Lynhaven Carpet' | Robin's fleabane | perennial | Ground Cover | Nectar plant, other ecological value | yes | high | 4" tall, part sun, flowers in early May, spreads by rhizome so be sure you want it (it doesn't crowd other plants because its foliage is so low to the ground) |
| Geranium macrorrhizum | Bigroot Geranium | perennial | Ground Cover | Larval host plant, nectar plant | yes | high | Non-native, white flower in 'Alba', likes to colonize so provide room, very deer resistant |
| Heuchera villosa 'Autumn Bride' | Autumn Bride' Coral Bells | perennial | Ground Cover | Nectar plant | yes | low | 18-24", large light green leaves and late season bloom standing up to 2', best in part shade, moist soil |
| Iris cristata | Dwarf Crested Iris | perennial | Ground Cover | Larval host plant, nectar plant | no | high | 6-8" tall, shade |
| Juncus tenuis | Poverty rush | sedge/grass/rush | Ground Cover | Wildlife cover, other ecological value | yes | high | 6-18", Ecological planting workhorse for moist soil |
| Packera aurea | Golden Groundsel | perennial | Ground Cover | Nectar plant, other ecological value | yes | high | 1-2', seeding can be controlled by deadheading, forms dense colony, needs more moisture if grown in full sun |
| Phlox stolonifera | Creeping Phlox | perennial | Ground Cover | Nectar plant | yes | moderate | Shade to part shade, dry to moist |
| Phlox subulata | Moss Phlox | perennial | Ground Cover | Nectar plant | yes | high | Dry soil, full sun to part shade |
| Solidago sphacelata 'Golden Fleece' | Golden Fleece' Goldenrod | perennial | Ground Cover | Nectar plant | yes | high | Hybrid variety, 12-18" fower spikes in autumn, evergreen basal foliage makes good weed suppression, full sun and dry soil |
| Viola sororia | Common Blue Violet | perennial | Ground Cover | Fritillary Butterfly larval host plant, nectar plant | no | high | now there's a variegatd variety |
| Waldstenia frangarioides | Appalachian Barren Strawberry | perennial | Ground Cover | Nectar plant, other wildlife value | yes | high | 3-6", full sun to partial shade, spring-flowering, |
| Agastache foeniculum | Anise Hyssop | perennial | Seasonal Theme Plant | Nectar source, attactive to Hummingbirds | no | high | 2-5', drought tolerant, requires good drainage |
| Amsonia hubrichtii | Threadleaf Bluestar | perennial | Seasonal Theme Plant | Nectar plant | no | high | 2-3', long-lived perennial with thread-like leaves, great texture and movement, striking fall color |
| Andropogon virginicus | Broomsedge | sedge/grass/rush | Seasonal Theme Plant | Larval host, attracts birds and butterflies | no | moderate | 3', upright form, bronze color, winter interest, staple of any meadow planting in poor dry soil |
| Asclepias incarnata | Swamp Milkweed | perennial | Seasonal Theme Plant | Butterfly Host Plant, Nectar source, other wildlife value | no | high | 2-4', moist to average soil, tolerates wet clay, deer resistant |
| Asclepias tuberosa | Butterfly Weed | perennial | Seasonal Theme Plant | Butterfly Host Plant, Nectar source, other wildlife value | no | high | 1-2', dry soil, requires good drainage, drought tolerand, long-blooming |
| Aster cordifolius | Blue Wood Aster | perennial | Seasonal Theme Plant | Larval host plant, nectar plant | no | high | Hosts the Silvery Checkerspot, Pearl Crescent, several moths, shade to part shade |
| Aster novae-angliae 'Purple Dome' | Purple Dome' Aster | perennial | Seasonal Theme Plant | Butterfly Host Plant, Nectar source, other wildlife value | no | moderate | 18-24", moist to dry well-drained, tolerates clay and alkaline soil, benefits from division every few years |
| Aster oblongifolius 'October Skies' | October Skies' Aromatic Aster | perennial | Seasonal Theme Plant | Butterfly Host Plant, Nectar source, other wildlife value | no | high | 15-18", moist to dry soil, drought-tolerant, now called Symphyotrichum oblongifolium |
| Bouteloua curtipendula | Sideoats Grama | sedge/grass/rush | Seasonal Theme Plant | Larval host plant, birds, other wildlife value | no | high | 2-3', can tolerate drought, oat-like seeds like one side of stem |
| Coreopsis verticillata | Threadleaf Coreopsis | perennial | Seasonal Theme Plant | Nectar source, attracts birds and butterflies | no | high | 18-24", full sun, dry soils, seeds eaten by birds, can be cut back mid-summer to encorage re-bloom |

| <u>Botanic Name</u> | <u>Common Name</u> | <u>Type</u> | <u>Function</u> | <u>Notes</u> | <u>Semi-Evergreen to Evergreen Basal Foliage?</u> | <u>Deer Resistance</u> | <u>Additional Comments</u> |
|--|------------------------------|------------------|----------------------|--|---|------------------------|--|
| Echinacea purpurea | Purple Coneflower | perennial | Seasonal Theme Plant | Butterfly Host Plant, Nectar source, other wildlife value | no | moderate | 3-4', moist to dry soil but requires good drainage, tolerates alkaline soil, blooms mid-summer |
| Eupatorium perfoliatum | Common Boneset | perennial | Seasonal Theme Plant | Nectar plant, attracts birds, bees, butterflies | no | low | 3-4', white flowers in late summer/early fall, best in sun to part sun with moist to wet soil, clumping habit |
| Heliopsis helianthoides | False Sunflower | perennial | Seasonal Theme Plant | Nectar plant, attracts birds, bees, butterflies | no | low | many faunal associations, can seed, I look for shorter non-floppy varieties |
| Liatris spicata | Dense Blazing Star | perennial | Seasonal Theme Plant | Nectar plant, native bees, birds, rare moths, hummingbirds | no | moderate | 3-5', can tolerate wet or dry soil, vertical spike shaped flower |
| Monarda bradburiana | Eastern Beebalm | perennial | Seasonal Theme Plant | Nectar plant, attractive to butterflies, bees and hummingbirds | no | high | 1-2', clumping habit, good mildew resistance, will seed |
| Physostegia virginiana 'Miss Manners' | Miss Manners' Obedient Plant | perennial | Seasonal Theme Plant | Nectar plant, attracts Bumble Bees, Hummingbirds, Butterflies | no | high | 18-24", clumping cultivar with white flowers in late summer, prefers moist to average soil and tolerates poor drainage. Can spread aggressively. |
| Rudbeckia fulgida | Black eyed Susan | perennial | Seasonal Theme Plant | Larval host plant, nectar plant, native bees, birds | yes | moderate | 2-2.5', resilient perennial that expands by rhizomes to form small colony, can seed |
| Solidago caesia | Blue-stem Goldenrod | perennial | Seasonal Theme Plant | Larval host plant, nectar plant, native bees, birds | no | moderate | 2-3', shade to partial shade, clumping, arching flower stalks, flowers emerge from leaf axil |
| Solidago nemoralis | Grey Goldenrod | perennial | Seasonal Theme Plant | Larval host plant, nectar plant, attracts birds, bees | no | high | 1.5-2', smaller less aggressive species, plants bloom at different times extending the flowering season in summer/late summer |
| Solidago odora | Anise Scented Goldenrod | perennial | Seasonal Theme Plant | Larval host plant, nectar plant, pollen and nectar for native bees | no | high | 2-4', will slowly creep and can seed itself, great in a meadow, can be deadheaded to prevent reseeding. |
| Sporobolus heterolepis | Prairie Dropseed | sedge/grass/rush | Seasonal Theme Plant | Nesting materials/structure for native bees | no | high | 1-2', fine textured grass, interesting fragrance to flowers, bronze-tan color in fall, great for dry sun |
| Vaccinium angustifolium | Lowbush Blueberry | shrub | Seasonal Theme Plant | Larval host plant, nectar plant, other wildlife value | no | low | 1-3', acidic, well-drained soil, sun to shade, beautiful fall color |
| Vernonia lettermannii 'Iron Butterfly' | Iron Butterfly' Ironweed | perennial | Seasonal Theme Plant | Nectar plant | no | moderate | 30-36", upright form with very fine-textured foliage, purplish blooms in late summer, very interesting texture, winter interest once established |
| Acer rubrum | Red Maple | tree | Structural | Butterfly host plant, attracts birds, other wildlife value | no | low | 50-80', best on moist acidic or circumneutral soil, not for particularly dry sites |
| Agastache x 'Blue Fortune' | Blue Fortune' Anise Hyssop | perennial | Structural | Nectar plant | no | high | Hybrid of native, 3', very long-blooming, many flowers on each plant |
| Amelanchier canadensis | Serviceberry | tree | Structural | Butterfly host plant, attracts birds, other wildlife value | no | moderate | 15-20', best in moist soil but adaptable, sun to shade, white flower for 1 week in spring |
| Andropogon gerardii | Big Bluestem | sedge/grass/rush | Structural | Larval host plant, other wildlife value | no | high | 5-8', can flop over in rich soils, fall color and winter interest |
| Aronia arbutifolia | Chokeberry | shrub | Structural | Nectar plant, berries eaten by songbirds | no | moderate | 6-8', acidic moist soil but adaptable, sun to part shade, red fall color and berries |
| Asimina triloba | Pawpaw | tree | Structural | Butterfly host plant, attracts birds, other wildlife value | no | high | 15-40', moist soil, sun to shade, large leaves with yellow fall color |
| Baptisia australis | Blue False Indigo | perennial | Structural | Larval host plant, attracts native bees, Bumble Bees | no | moderate | 3-4', blue flowers in spring, long-lived bushy perennial with bushy habit |

| <u>Botanic Name</u> | <u>Common Name</u> | <u>Type</u> | <u>Function</u> | <u>Notes</u> | <u>Semi/Ever-green Basal Foliage</u> | <u>Deer Resistance</u> | <u>Additional Comments</u> |
|---|---------------------------------|------------------|-----------------|---|--------------------------------------|------------------------|---|
| Betula nigra | River Birch | tree | Structural | Butterfly host plant, attracts birds, other wildlife value | no | high | 30-50', most trouble-free Birch, requires moist to average soil, tolerates flooding, not drought tolerant, best in part shade |
| Carpinus caroliniana | American Hornbeam | tree | Structural | Butterfly host plant, attracts birds, other wildlife value | no | moderate | 20-35', found in moist soil but adaptable to drier sites, shade to part shade, larval host to: Eastern Tiger Swallowtail, Striped Hairstreak, Red-spotted Purple, Tiger Swallowtail |
| Clethra alnifolia | Summersweet | shrub | Structural | Nectar plant, attracts birds, bees, hummingbirds | no | moderate | 6-12', best in moist acid soil, blooms in summer, attracts many pollinators |
| Cornus florida | Flowering Dogwood | tree | Structural | Butterfly host plant, attracts birds, other wildlife value | no | low | 20-40', requires acidic well-draining soil, prefers part-shade to shade, host to Spring Azure butterfly |
| Cornus racemosa | Gray Dogwood | tree | Structural | Butterfly host plant, nectar source, attracts birds, cover for wildlife | no | low | 15-20', wet to dry soil, sun to shade, wide suckering shrub, useful to many birds |
| Crataegus phaenopyrum | Washington Hawthorn | tree | Structural | Favored food and nesting for birds, nectar source | no | high | 25-30', large thorns up to 2" long, one of the most trouble-free Hawthorns |
| Eupatorium purpureum spp. Maculatum 'Gateway' | Gateway' Joe Pye Weed | perennial | Structural | Nectar plant, attracts butterflies and bees | no | moderate | 5-6', tall upright, summer-blooming with large pink umbel-shaped flowers, best in moist soil, sun to part sun |
| Helianthus angustifolia | Perennial Sunflower | perennial | Structural | Larval host plant, nectar plant | no | low | 5-6', moist soil, tall and spreads to form colony |
| Ilex verticillata | Winterberry | shrub | Structural | Butterfly host plant, attracts birds, other wildlife value | no | moderate | 6-12', acidic soil, moist to dry soil, sun to shade, tolerates flooding, requires male pollinator |
| Iris siberica 'Caesar's Brother' | Caesar's Brother' Siberian Iris | perennial | Structural | Nectar plant | no | high | Non-native, 3-4', blooms in May, striking upright accent |
| Itea virginica | Virginia Sweetspire | shrub | Structural | Nectar source, attracts birds, cover for wildlife | no | moderate | 3-6', tolerates wet soil, requires acid pH, best in part shade (full sun part of the day) |
| Lindera benzoin | Spicebush | shrub | Structural | Butterfly host plant, nectar plant, attracts birds | no | high | 6-12', moist to dry soil, sun to shade, attractive yellow flowers in early spring |
| Lonicera sempervirens | Honeysuckle | vine | Structural | Larval host plant, nectar plant, attracts birds, bees, hummingbirds, other wildlife value | yes | moderate | up to 20', long blooming, sun to part shade, tolerant of various soils, flowers best with more sun |
| Magnolia virginiana | Sweetbay Magnolia | tree | Structural | Butterfly host plant, attracts birds, other wildlife value | yes | moderate | 15-20', multi-stemmed small upright tree with semi-evergreen leaves, fragrant flowers sporadically during summer |
| Monarda didyma 'Jacob Cline' | Jacob Cline' Beebalm | perennial | Structural | Nectar plant, attracts Bumble Bees, Hummingbirds | yes | high | 3-4', Red flowers in early summer, good mildew resistance, grow in moist soil however drought-tolerant once established, can be very vigorous so provide space |
| Monarda fistulosa 'Claire Grace' | Claire Grace' Bergamot | perennial | Structural | Nectar plant, attracts butterflies, bees, hummingbirds | no | low | 3-4', lavender flowers in summer, tolerates dry soil, full sun, excellent mildew-resistant cultivar |
| Myrica pennsylvanica | Northern Bayberry | shrub | Structural | Butterfly Host Plant, Nectar source, other wildlife value | yes | high | 6-12', tolerates clay, sand, loam, moist to dry, sun to part-sun, prefers acidic conditions but adaptatable to garden conditions. |
| Nyssa sylvatica | Black Tupelo | tree | Structural | Larval host plant, attracts birds, bees, other wildlife value | no | moderate | 50'+, slow growing (some cultivars seem faster), tolerant of periodic flooding and poor drainage, acid soil, small berry, red fall color (early) |
| Panicum virgatum | Switchgrass | sedge/grass/rush | Structural | Larval host plant, attracts birds, other wildlife value | no | high | 3-6', flower panicles in summer, attractive tan and coppery colors in fall, dry, moist or wet soil |

| <u>Botanic Name</u> | <u>Common Name</u> | <u>Type</u> | <u>Function</u> | <u>Notes</u> | <u>Semi/Ever-green Basal Foliage</u> | <u>Deer Resistance</u> | <u>Additional Comments</u> |
|-----------------------------|-----------------------------|------------------|-----------------|---|--------------------------------------|------------------------|---|
| Physocarpus opulifolius | Ninebark | shrub | Structural | Butterfly host plant, nectar source, attracts birds and bees | no | moderate | 5-10', fountain-shaped shrub, tolerates wet or dry soil, sun to shade |
| Pycnanthemum muticum | Short-toothed Mountain Mint | perennial | Structural | Nectar plant, attracts native bees, Bumble Bees, Honey Bees | yes | high | 2-3', vigorous plant that requires a little space for the rhizomes to grow (give it its own corner), silvery aromatic leaves add to the appeal of this pollinator favorite. |
| Quercus alba | White Oak | tree | Structural | Butterfly host plant, attracts birds, other wildlife value | no | low | up to 100', best in acidic or circumneutral soil, moist to dry well drained, Sun to part shade, sensitive to root zone disturbance |
| Rudbeckia maxima | Giant Coneflower | perennial | Structural | Nectar source, attracts birds, cover for wildlife | no | high | spreads by rhizome to form colony, very tall flowering stem creates "see-through" |
| Salix nigra | Black Willow | tree | Structural | Larval host plant | no | low | 50'+, moist to wet soil, clay tolerant, short-lived, but important tree for wildlife |
| Sassafras albidum | Sassafras | tree | Structural | Butterfly host plant, attracts birds, other wildlife value | no | moderate | 30'+, fast growing, host to Spicebush Swallowtail, beautiful fall color, sun to shade, acid soils |
| Schizachyrium scoparium | Little Bluestem | sedge/grass/rush | Structural | Larval host plant, attracts birds, bees, other wildlife value | no | high | 3-4', best in dry poor soils to limit height/flopping, rich copper-colored in fall |
| Solidago rugosa 'Fireworks' | Fireworks' Goldenrod | perennial | Structural | Butterfly host plant, nectar plant, attracts birds and bees | yes | high | 30-36", upright flower stems arise from evergreen basal foliage in late summer. |
| Vaccinium corymbosum | Highbush Blueberry | shrub | Structural | Larval host plant, nectar plant, attracts birds, bees, other wildlife value | no | low | 6-10', acidic moist soil, sun to shade, striking red fall color, very attractive to birds |
| Vernonia noveboracensis | New York Ironweed | perennial | Structural | Butterfly host plant, nectar plant, attracts birds, bees | no | low | 5-8', tall narrow perennial for moist to dry sites. Purplish blooms in late summer. |
| Veronicastrum virginicum | Virginia Culver's Root | perennial | Structural | Nectare plant, attracts native bees, Honey Bees | no | low | 4-6', sturdy upright form good for back of border, white candelabra-like flowers in early to mid-summer. Tolerates moist soil as well as drought. |
| Viburnum lentago | Nannyberry Viburnum | tree | Structural | Larval host plant, nectar plant, berries eaten by songbirds | no | high | 10-15', moist to dry, shade to sun, rich burgundy fall color |
| Viburnum nudum | Witherod Viburnum | shrub | Structural | Nectar plant, berries eaten by songbirds | no | high | 5-10', moist to well-drained soil, partial to full sun |
| Viburnum prunifolium | Blackhaw Viburnum | tree | Structural | Larval host plant, nectar plant, berries eaten by songbirds | no | high | 15-18', upright growth, burgundy fall color and high wildlife value |

Resources:

<http://www.wildflower.org/>
<http://www.holdenarb.org/home/>
<http://www.gloucesterva.infoButterfliesBees/NativePlantsButterflyHost.pdf>
<http://www.wildtypeplants.com/butterfly.pdf>
<http://www.northcreeknurseries.com/>
<http://www.missouribotanicalgarden.org/>
<https://njaes.rutgers.edu/deerresistance/>
<http://www.newmoonnursery.com/>
<http://www.prairienursery.com/>