| | Zone 1 | | | | | | | | | | |
|-----------------------------------|-----------------------|-------|--------|--------------|------------|---------------------|---|--|--|--|--|
| | | | Below | the Water Li | ine (In th | ne lake) | | | | | |
| <u>FORBS</u> | | | | | | | | | | | |
| Botanical Name | Common Name | Sun | Height | Bloom Time | Color | Siltation Tolerance | Adaptive Features | | | | |
| Acorus calamus | Sweet Flag | f/p | 1'-4' | May-Jun | Green | Low | Prefers stable water levels and will decrease in abundance with flood depth inceases. Will tolerate dry periods. Aromatic leaves, clump forming; wildlife food and cover . Avoid flooding of newly established plants | | | | |
| Alisma plantago-aquatica | Water Plantain | f | 2'-4' | Jul-Sept | White | High | Shallow quiet slow moving water in mud of marshes, ponds, lakes, streams and ditches. Tolerates water fluctuation: wildlife food and cover. | | | | |
| Iris versicolor | Blue Flag (Wild Iris) | f/p | 2-3' | May-Jul | Blue | Medium | Can tolerate regular inundation, but young shoots should not be inundated. Tuberous roots send out fibrous masses | | | | |
| Iris virginica | Blue Flag (Wild Iris) | f/p/s | 2'-3' | May-Jul | Purple | Medium | Tuberous roots send out fibrous masses. | | | | |
| Nuphar advana | Yellow Pond Lily | f/p | 1' | May-Sept | Yellow | High | Breaks up wave action; deep water plant | | | | |
| Nymphaea odorata (N. tuberosa) | White Water Lily | f/p | 1' | May-Sept | White | High | Breaks up wave action; deep water plant. Flowers open in early morning and close about noon. | | | | |
| Peltandra virginica | Arrow Arum | f/p/s | 2'-5' | June-July | Green | High | Massive root system; forms clumps; breaks up wave action | | | | |
| Pontederia cordata | Pickerelweed | f/p | 1'-3' | June-Sept | Violet | Med. high | Tolerates regular flooding. Slow-moving areas. Thick, spreading rhizomes, forms colonies | | | | |
| Sagittaria latifolia | Arrowhead | f/p | 1'-4' | June-Sept | White | Med | Will tolerate regular inundation and withstand periods of drought. Wildlife food and cover - protect new plants especially from Canada geese. | | | | |
| Sagittaria rigida | Stiff arrowhead | f/p | 1-3' | July-Sept | White | Med. high | Wildlife food and cover | | | | |
| GRASSES/SEDGES/RUSHES | | | | | | | | | | | |
| Botanical Name | Common Name | Sun | Height | Bloom Time | Color | Siltation Tolerance | Adaptive Features | | | | |
| Schoenoplectus acutus | Hard-stem bulrush | f | 3-9' | May-Sept | Brown | Medium | Spreads opportunistically by rhizomes | | | | |
| Schoenoplectus pungens | Three square bulrush | f/p | 3-5' | Jul-Sept | Brown | Medium | Spreads opportunistically by rhizomes | | | | |

| Schoenoplectus tabernaemontani | Soft-stem bulrush | f/p | 3-9' | Jun-Sept | Brown | Medium | Spreads opportunistically by rhizomes |
|-----------------------------------|-------------------|-------|--------|------------|-------|---------------------|--|
| Sparganium eurycarpum | Common bur-reed | f | 2'-6' | May-Aug | Green | High | Provides a nice wave buffer. Has potential to outcompete cattails. Spreads readily from rhizomes; can be opportunistic |
| TREES/SHRUBS | | | | | | | |
| Botanical Name | Common Name | Sun | Height | Bloom Time | Color | Siltation Tolerance | Adaptive Features |
| Cephalanthus occidentalis | Buttonbush | f/p/s | 15' | June-Aug | White | High | Deep spreading roots: commonly used as live stakes |

* Light requirements: f = full sun, f/p = full sun to partial shade, f/p/s = full sun to shade, p/s = partial shade to sun, s = shade

** height at 20 years

| | | | | Z | one 2 | | |
|------------------------|------------------------|-------|--------|---------------|----------------|---------------------|---|
| | | Bet | ween W | ater Level an | d Ordinary Hig | h Water Mark | |
| FORBS | | | | | | | |
| Botanical Name | Common Name | Sun | Height | Bloom Time | Color | Siltation Tolerance | Adaptive Features |
| Asclepias incarnata | Marsh Milkweed | f/p | 3'-5' | June-Sept | Pink | Medium | Monarch host; rhizomes form single plants |
| Aster puniceus | Swamp aster | f/p | 3'-6' | Aug-Oct | Lav/white | Med high | Spreads opportunistically from rhizomes |
| Decodon verticillatus | Swamp Loosestrife | f/p | 2'-4' | July-Sept | Magenta | | Often colonizes in monotypic stands - has great potential in bioengineering technology |
| Eupatorium maculatum | Joe-Pye Weed | f/p | 4'-7' | June-Oct | Pink | Low | Shallow fibrous roots; butterflies |
| Eupatorium perfoliatum | Boneset | f/p | 3'-5' | July-Oct | White | Low | Shallow fibrous roots; butterflies |
| Eupatorium purpureum | Purple Joe-Pye Weed | p/s | 3'-6' | July-Sept | Pink | Low | Shallow fibrous roots, more shade tolerated then the previous Eupatoriums; butterflies |
| Lobelia cardinalis | Cardinal flower | f/p | 2-4' | July-Sept | Red | | Shallow roots, short-lived; butterflies and hummingbirds |
| Lobelia siphilitica | Great Blue Lobelia | f/p | 1-3' | July-Sept | Blue | | Shallow, fibrous roots |
| Mimulus ringens | Allegheny Monkeyflower | f/p | 1-3' | July-Sept | Blue | | Pretty flower |
| Myrica gale | Sweet Gale | f/p | 2-6' | May-June | Yellow-green | | |
| Penthorum sedoides | Ditch stonecrop | f/p | 1'-3' | June-Oct | Green | Medium | Fibrous, shallow root system; can be opportunistic |
| Polygonum amphibium | Water smartweed | f/p | 1'-2' | June-Oct | Rose | Med. high | Spreads by rhizomes |
| Saururus cernuus | Lizard's Tail | p/s | 2'-4' | June-Aug | White | Med. high | Spreads by rhizomes |
| GRASSES/SEDGES/RUSHES | | | | | | | |
| Botanical Name | Common Name | Sun | Height | Bloom Time | Color | Siltation Tolerance | Adaptive Features |
| Carex aquatilis | Water sedge | f/p | 2'-3' | Apr-June | Green | High | Spreads opportunistically by rhizomes |
| Carex comosa | Bristly sedge | f/p | 2'-3' | May-June | Green | High | Rhizomes form dense clumps |
| Carex hystericina | Porcupine sedge | f/p/s | 2'-3' | May-June | Green | Med. high | Rhizomes form dense clumps |
| Carex lacustris | Lake sedge | f/p/s | 2'-4' | May-June | Green | Medium | Spreads opportunistically by rhizomes |
| Carex stricta | Tussock sedge | f/p | 2'-3' | Apr-June | Brown | Med. high | Forms hummocks, slow spreading with dense roots |
| Elymus virginicus | Virginia Wild Rye | f/p | 2'-4' | June | Green | med | Bunching, cool season, short-lived |
| Juncus balticus | Baltic rush | f/p | 1-2' | May-Aug | Brown | High | Spreads opportunistically by rhizomes, forming clumps, prefers sandy shores |
| Juncus effusus | Soft rush | f/p | 1'-4' | July | Brown | High | Spreads opportunistically by rhizomes |
| Scirpus fluviatilis | River bulrush | f | 3'-7' | May-July | Green | High | Spreads opportunistically by rhizomes |
| Scirpus cyperinus | Wool grass | f | 3'-5' | June-Sept | Tan | High | Strong fibrous roots form clumps in high water |
| TREES/SHRUBS | | | | | | | |
| Botanical Name | Common Name | Sun | Height | Bloom Time | Color | Siltation Tolerance | Adaptive Features |
| Alnus incana | Speckled alder | f/p/s | 25' | Mar-May | Brown | Medium | Shallow rooted, but can be opportunistic |
| Betula pumila | Bog Birch | f/p | 3-7' | Apr-May | Yellow | | |
| Cornus amomum | Silky dogwood | f/p | 10' | May-July | White | Low | Wildlife, fibrous roots, can be opportunistic: commonly used as live stakes |

| Cornus sericea | Red-osier dogwood | f/p | 10' | May-Sept | White | Med. High | Wildlife, fibrous roots, can be opportunistic: commonly used as live stakes |
|----------------------------|--------------------|-------|---------|----------|--------------|-----------|---|
| Populus deltoides | Eastern Cottonwood | f | 75-100' | Apr-May | Brown | High | Commonly used as live stakes |
| Rosa palustris | Swamp Rose | f/p/s | 2'-7' | June-Aug | Pink | | |
| Salix discolor | Pussy willow | f/p | 15-25' | Мау | Silver | Meduum | Wildlife, fibrous roots, can be opportunistic: commonly used as live stakes |
| Salix exigua (S. interior) | Sandbar willow | f | 6-20' | Apr-May | Yellow | High | Commonly used as live stakes |
| Salix nigra | Black willow | f/p | 35-50' | Apr-May | Yellow-green | Med | Commonly used as live stakes, shallow roots |

* Light requirements: f = full sun, f/p = full sun to partial shade, f/p/s = full sun to shade, p/s = partial shade to sun, s = shade ** height at 20 years

| | | | | Zone | 3 | | |
|--------------------------|---------------------------|---------|----------|--------------|-------------------|---------------------|---|
| | A | bove ti | he Ordin | nary High Wa | ter Mark (still m | oist-wet) | |
| <u>FORBS</u> | | | | | | | |
| Botanical Name | Common Name | Sun | Height | Bloom Time | Color | Siltation Tolerance | Adaptive Features |
| Anemone canadensis | Canada Anemone | f/p | 1'-2' | May-Sept | White | Medium | Rhizomes spread readily with some stabilization of soils |
| Aster novae-angliae | New England Aster | f/p | 3'-6' | Jul-Oct | Violet | High | Short rhizomes, readily reseeds on disturbed soils; butterflies |
| Aster umbellatus | Tall Flat Top White Aster | f/p | 1'-4' | Jul-Oct | White | Medium | Fibrous roots; butterflies |
| Chelone glabra | Turtlehead | f/p/s | 2'-4' | Aug-Sep | Cream | Low | Deep fibrous roots |
| Coreopsis tripteris | Tall Tickseed | f/p | 4-8' | Aug-Sep | Yellow | Low | |
| Euthamia graminifolia | Grass-leaved goldenrod | f/p | 1'-4' | Jul-Sept | Yellow | Low | Spreads opportunistically from rhizomes |
| Helenium autumnale | Sneezeweed | f/p | 3'-5' | Jul-Nov | Yellow | Low | Fibrous, shallow root system; can be opportunistic |
| Helianthus giganteus | Tall Sunflower | f/p | 5'-12' | Jul-Sept | Yellow | Medium | Spreads from rhizomes |
| Liatris spicata | Dense Blazing Star | f | 3-5' | jul-sept | Pink | Low | Nectar source |
| Physotegia virginiana | Obedient plant | f/p | 2'-5' | Aug-Oct | Pink | Low | Nectar source; spreads by small rhizomes to carpet area |
| Pycnanthemum virginianum | Virginia Mountainmint | f/p | 1-3' | July-Sept | White | Low-med | Stoloniferous rhizomes, aromatic |
| Rudbeckia laciniata | Cut-Leaved Coneflower | f/p/s | 3'-10' | July-Sept | Yellow | | |
| Solidago ohiensis | Ohio Goldenrod | f/p | 2-4' | July-Oct | Yellow | | |
| Solidago patula | Roundleaf Goldenrod | f/p/s | 3-6' | Aug-Oct | Yellow | | Rhizomatous root growth. Drought tolerance is low. |
| Solidago riddellii | Riddell's Goldenrod | f | 2-3' | Sept-Nov | Yellow | Medium | |
| Spiraea alba | Meadowsweet | f/p | 3'-6' | June-Aug | White | Low-Med | Dense, fibrous roots, can be opportunistic, suckering, shallow roots |
| Thalictrum dasycarpum | Purple Meadow Rue | f/p | 3'-6' | May-July | Cream | Med. high | Fibrous, shallow root system; can be opportunistic |
| Verbena hastata | Blue Vervain | f/p | 3'-6' | June-Sept | Violet | Med. high | Short spreading tough roots; any soils; opportunistic; short lived |
| Vernonia missurica | Missouri Ironweed | f | 3'-5' | July-Sept | Purple | Med. high | Nectar source; thick root system |
| Veronicastrum virginicum | Culver's Root | f/p | 2'-6' | June-Sept | White | Low | Nectar source; thick root system; likes alkaline soils |
| Zizia aurea | Golden Alexander's | f/p/s | 1'-3' | Apr-June | Yellow | Med. high | Nectar source; thick root system |
| GRASSES/SEDGES/FERNS | | | | | | | |
| Botanical Name | Common Name | Sun | Height | Bloom Time | Color | Siltation Tolerance | Adaptive Features |
| Calamagrostis canadensis | Canada blue-joint grass | f/p | 2'-4' | June | Brown | Medium | Spreads opportunistically by rhizomes |
| Carex crinita | Fringed sedge | f/p/s | 2'-5' | May-June | Green | Med. high | Likes semi-shade; forms dense clumps |

| | | 1 | | | | | |
|---|---|-----------------------------------|---|--|--|---------------------|---|
| Carex stipata | Awl-fruited sedge | f/p/s | 1'-3' | Apr-May | Brown | High | Prefers calcareous soils; fibrous roots form clumps |
| Carex vulpinoidea | Fox sedge | f/p | 2'-3' | May-June | Brown | Med. high | Rhizomes form dense clumps |
| Cinna arundinacea | Sweet Woodreed | f/p/s | 3-4' | Aug-Sept | Green | | Roots are fibrous and rhizamatous; usually deer resistant |
| Elymus riparius | Riverbank Wild Rye | p/s | 2'-4' | Jul-Aug | Green | | Good for erosion control; deer resistant |
| Glyceria canadensis | Rattlesnake grass | f/p | 2'-5' | June | Green | High | Bunching, cool season grass with dense roots |
| Glyceria striata | Fowl manna grass | f/p/s | 1'-5' | May-June | Green | High | Bunching, cool season grass with dense roots |
| Juncus torreyi | Torrey rush | f | 1'-2' | Jun-Sept | Brown | High | Spreads opportunistically by rhizomes |
| Onoclea sensibilus | Sensitive Fern | p/s | 1-2' | | Green | Low | Branching rhizomes |
| Osmunda regalis | Royal Fern | f/p/s | 3-6' | | Green | Low-med | Stout rhizomes, fibrous roots, spreads slowly |
| Panicum virgatum | Switchgrass | f/p | 4'-6' | Aug-Oct | Green | Med. Low | Bunching, cool season grass with dense roots; excellent soil stabilizer |
| Scirpus atrovirens | Green bulrush | f | 3'-5' | Jun-Aug | Brown | High | Strong fibrous roots form clumps in high water |
| Spartina pectinata | Prairie cord grass | f | 3'-7' | Jul-Aug | Green | High | Spreads opportunistically by rhizomes |
| TREES/SHRUBS | | | | | | | |
| | | | | | | | |
| | Common Name | Sun | Height | Bloom Time | Color | Siltation Tolerance | Adaptive Features |
| | Common Name Red Maple | | Height 75-100' | Bloom Time Mar-May | Color Green/red | Siltation Tolerance | Adaptive Features Provides food for squirrels and some birds; typically deer resistant |
| Botanical Name | | | | L | | Siltation Tolerance | Provides food for squirrels and some birds; |
| Botanical Name Acer rubrum | Red Maple | f/p/s | 75-100' | Mar-May | Green/red | Siltation Tolerance | Provides food for squirrels and some birds; typically deer resistant |
| Botanical Name Acer rubrum Acer saccharinum | Red Maple Silver Maple | f/p/s f/p | 75-100' 75-100' | Mar-May Mar-Apr | Green/red Red | Siltation Tolerance | Provides food for squirrels and some birds; typically deer resistant Shallow, wide spread fibrous roots Good edge tree; food for birds and other |
| Botanical Name Acer rubrum Acer saccharinum Betula alleghaniensis | Red Maple Silver Maple Yellow Birch | f/p/s f/p p/s | 75-100' 75-100' 60-80' | Mar-May Mar-Apr Apr-May | Green/red Red Purple/ yellow | | Provides food for squirrels and some birds; typically deer resistant Shallow, wide spread fibrous roots Good edge tree; food for birds and other wildlife Deep spreading roots, medium to fast |
| Botanical Name Acer rubrum Acer saccharinum Betula alleghaniensis Celtis occidentalis | Red Maple Silver Maple Yellow Birch Hackberry | f/p/s f/p p/s f/p | 75-100' 75-100' 60-80' 50-75' | Mar-May Mar-Apr Apr-May Apr-May | Green/red Red Purple/ yellow Yellow-green | | Provides food for squirrels and some birds; typically deer resistant Shallow, wide spread fibrous roots Good edge tree; food for birds and other wildlife Deep spreading roots, medium to fast growing, long-lived Used extensively by wildlife; open canopy and small leaves will not shade out turf grass |
| Botanical Name Acer rubrum Acer saccharinum Betula alleghaniensis Celtis occidentalis Gleditsia triacanthos | Red Maple Silver Maple Yellow Birch Hackberry Honey Locust | f/p/s f/p p/s f/p f/p | 75-100' 75-100' 60-80' 50-75' 30-75' | Mar-May Mar-Apr Apr-May Apr-May May-June | Green/red Red Purple/ yellow Yellow-green Yellow | | Provides food for squirrels and some birds; typically deer resistant Shallow, wide spread fibrous roots Good edge tree; food for birds and other wildlife Deep spreading roots, medium to fast growing, long-lived Used extensively by wildlife; open canopy and small leaves will not shade out turf grass or other landscape plants; has thorns Male & female plants, prefers acidic soil, shall |
| Botanical Name Acer rubrum Acer saccharinum Betula alleghaniensis Celtis occidentalis Gleditsia triacanthos Ilex verticillata | Red Maple Silver Maple Yellow Birch Hackberry Honey Locust Michigan Holly | f/p/s f/p p/s f/p f/p | 75-100' 75-100' 60-80' 50-75' 30-75' 6-12' | Mar-May Mar-Apr Apr-May Apr-May May-June May-June | Green/red Red Purple/ yellow Yellow-green Yellow | | Provides food for squirrels and some birds; typically deer resistant Shallow, wide spread fibrous roots Good edge tree; food for birds and other wildlife Deep spreading roots, medium to fast growing, long-lived Used extensively by wildlife; open canopy and small leaves will not shade out turf grass or other landscape plants; has thorns Male & female plants, prefers acidic soil, shall fibrous roots |

| Quercus bicolor | Swamp White Oak | f/p/s | 70' | Мау | Green/ yellow | Medium | Shallow, fibrous roots, prefers acidic soil |
|---------------------|----------------------|-------|---------|------------|---------------|--------|---|
| Quercus rubra | Red Oak | f/p/s | 90' | May | Green/ yellow | | Fast growing |
| Sambucus canadensis | American Elderberry | f/p/s | 5-12' | June-Aug | White | | Spreads by rhizomes |
| Thuja occidentalis | Northern White Cedar | f/p/s | 50' | Apr-May | Brown | | Favorite deer browse |
| Tilia americana | Basswood | f/p | 60-100' | June-July | Yellow | | Excellent for a large variety of wildlife; nectar |
| | Dasswoou | iγp | 00-100 | Julie-July | renow | | excellent for honeybees |
| Viburnum dentatum | Arrow Wood | f/p/s | 15' | May-June | White | Low | Suckering |
| Viburnum lentago | Nannyberry | p/s | 20' | Apr-June | White | Low | Suckering, shallow, fibrous roots |

* Light requirements: f = full sun, f/p = full sun to partial shade, f/p/s = full sun to shade, p/s = partial shade to sun, s = shade

** height at 20 years

| | Zone 4 Upland | | | | | | | | | |
|--------------------------------|----------------------------|-------|----------|------------|------------|---|--|--|--|--|
| | Т | | biana | 1 | 1 | 1 | | | | |
| <u>FORBS</u> Botanical Name | Common Name | Sun | Height | Bloom Time | Color | Adaptive Features | | | | |
| Agastache scrophulariifolia | Purple Giant Hyssop | p/s | 3-7' | Jul-Oct | Purple | Attracts bees and butterflies | | | | |
| Allium cernuum | Nodding Wild Onion | | 1'-2' | July-Aug | Pink | Low-growing and versatile | | | | |
| Aquilegia canadensis | Wild Columbine | f/p/s | | Apr-Jul | Red/Yellow | Attracts hummingbirds, woodland wildflower, short lived perennial | | | | |
| Aralia racemosa | Spikenard | f/p/s | 3'-6' | June-Aug | White | Versatile and very attractive in seed | | | | |
| Asarum canadense | Wild Ginger | S | .5' | Apr-May | Dark Red | Ground cover, woodland | | | | |
| Asclepias tuberosa | Butterfly Weed | f/p | 1-3' | June-Aug | Orange | Attracts butterflies; can be aggressive | | | | |
| Aster laevis | Smooth Aster | f/p | 3'-5' | Aug-Oct | Blue | Nectar source for butterflies and seed source for birds | | | | |
| Aster macrophyllus | Big-leaf aster | p/s | 1'-3' | July-Aug | Violet | Larval host and nectar source for butterflies; good for dry shade; found over a large portion of the state. | | | | |
| Aster oolentangiensis | Prairie heart-leaved aster | f/p | 2'-3' | Aug-Sept | Blue | Larval host and nectar source for butterflies | | | | |
| Campanula americana | Tall Bellflower | p/s | 6' | June-Sept | Blue | Adapted to moist ground and open moist woods | | | | |
| Campanula rotundifolia | Harebell | f | 1'-2' | June-Aug | Blue | Low-growing and well adapted to dry slopes; not competitive when combined with other plant - they are easily outcompeted without regular thinning of other plants. | | | | |
| Caulophyllum thalictroides | Blue Cohosh | p/s | 1'-3' | Apr-May | Yellow | Woodland; berries turn dark blue; deer resistant | | | | |
| Coreopsis lanceolata | Sand Coreopsis | f | 2' | June-July | Yellow | Grows great on sandy soils but also on well- drained loamy soils | | | | |
| Coreopsis tripteris | Tall Coreopsis | f | 3-6' | July-Sept | Yellow | Tolerant to heat, humidity, and drought | | | | |
| Echinacea pallida | Pale Purple Coneflower | f | 2-5' | May-Aug | Lavender | Attracts butterflies, hummingbirds, and small songbirds | | | | |
| Fragaria virginiana | Wild Strawberry | f/p | 0.5' | April-June | White | Ground cover; beneficial to wildlife; edible fruit | | | | |
| Geranium maculatum | Wild Geranium | p/s | 1.5-2.5' | April-June | Lavender | Woodland | | | | |
| Heliopsis helianthoides | False Sunflower | f/p | 2-5' | June-Sept | Yellow | Easily grown; grows well in clay | | | | |
| Helianthus occidentalis | Western Sunflower | f/p | 2'-3' | July-Sept | Yellow | Nectar and seed source | | | | |
| Heuchera americana | Alum root | p/s | 1'-3' | May-June | Green | Deer resistant | | | | |

| | | | | | | Drought tolerant; attracts butterflies; blooms |
|---------------------------|--------------------------------------|-------|--------|------------|----------------|--|
| Liatris aspera | Rough Blazing Star | f | 2-5' | Aug-Sept | Purple | late |
| Monarda fistulosa | Wild Bergamont | | 2-4' | June-Sept | Purple | Aromatic; attractive to butterflies and |
| inonarad instalosa | | f/p | | June Sept | raipie | hummingbirds |
| Penstemon digitalis | Foxglove Beard Tongue | f/p/s | 3-4' | May-June | White | Beautiful flower, attractive to butterflies and hummingbirds |
| Penstemon hirsutus | Penstemon | f | 1'-2' | May-July | Pink | Low-growing and well adapted to dry slopes; attractive to birds |
| Polygonatum biflorum | True Solomon's Seal | f/p/s | 1'-4' | Apr-June | Green/white | Deer resistant |
| Ratibida pinnata | Yellow Coneflower | f/p | 3-5' | July-Sept | Yellow | Wildlife benefits, attracts butterflies; sandy and clay soils |
| Rudbeckia fulgida | Black Eyed Susan (Orange Coneflower) | f/p | 2'-3' | Aug-Oct | Yellow/ Orange | Nectar source for butterflies; does well in well drained soils |
| Rudbeckia hirta | Black Eyed Susan | f/p | 1-3' | Jun-Sept | Yellow | wildlife benefits; does well in sandy soils; biennial |
| Rudbeckia triloba | Three-lobed coneflower | f/p | 2'-4' | Aug-Oct | Yellow | Low wet woods, thickets, rocky slopes |
| Silphium terebinthinaceum | Prairie dock | f | 2'-10' | July-Sept | Yellow | Tall and wild - a true prairie species; nectar and seed source |
| Smilacina racemosa | False Solomon's Seal | p/s | 1'-2' | May-June | White | Woodland |
| Smilacina stellata | Starry Solomon's Seal | f/p | 1'-2' | May-July | White | Moist meadows in woodlands, woodland borders, sandy riverbanks, semi-wooded slopes |
| Solidago juncea | Early Goldenrod | f/p | 2-4' | June-Sept | Yellow | Attracts butterflies, moths, game birds and song birds |
| Solidago rigida | Stiff Goldenrod | f | 1'-5' | July-Oct | Yellow | Tall and wild - a true prairie species; |
| Solidago speciosa | Showy Goldenrod | f/p | 1'-4' | July-Oct | Yellow | Tall and wild - a true prairie species; nectar source |
| Tradescantia ohiensis | Spiderwort | f/p | 2-4' | June-July | Blue | Aggressive; wildlife cover |
| Verbena stricta | Hoary vervain | f | 2'-3' | July-Sept | Dark blue | Tall and wild - a true prairie species; nectar source |
| FERNS/GRASSES | | | | | | |
| Botanical Name | Common Name | Sun | Height | Bloom Time | Color | Adaptive Features |
| Andropogon gerardii | Big blue stem | f/p | 3'-8' | July-Aug | Green | Grass; erosion control use, beneficial to birds; can be opportunistic |
| Cystopteris bulbifera | Bulblet fern | p/s | 2'-3' | | | Needs consistent moisture but well-drained soils |
| Elymus canadensis | Canada Wild Rye | f/p | 2-5' | June-Aug | Green | Grass; cool season, clump forming; dry sunny slopes |

| Hystrix patula | Bottlebrush grass | S | 3' | May-June | Green | For dry shade, savana, rocky upland woodlands |
|-----------------------------|-------------------|-------|----------|------------|---------------|--|
| Koeleria macrantha | June grass | f | 1'-2' | May-June | Green | Clay soils,woodlands; tolerates seasonal flooding |
| Polystrichum acrostichoides | Christmas Fern | p/s | 1-2' | | | Fern; grows in fountain-like clumps, erosion control |
| Schizachyrium scoparium | Little Blue Stem | f | 2-4' | Aug | Green | Grass; attractive reddish brown fall color |
| Sisyrinchium angustifolium | Blue-eyed grass | f/p | 1' | May-Aug | Blue | Short and very attractive |
| Sorghastrum nutans | Indian Grass | f/p | 3-4' | Aug | Green | Grass; showy; clump forming |
| Sporobolus heterolepis | Prairie dropseed | f/p | 1'-3' | Aug-Sept | Green | Very ornamental |
| TREES/SHRUBS | | | | | | |
| Botanical Name | Common Name | Sun | Height | Bloom Time | Color | Adaptive Features |
| Acer saccharum | Sugar Maple | p/s | 100' | April-May | Yellow | Tree; shade provider; used for maple syrup production |
| Amelanchier arborea | Serviceberry | f/p/s | 15' | April-May | White | Shrub; attracts game birds and songbirds, edible berry |
| Betula papyrifera | Paper birch | f/p | 30'-60' | May-June | Brown | Larval host for butterflies |
| Ceanothus americanus | New Jersey Tea | f/p | 3-4' | June-July | White | Shrub; taprooted; drought tolerant |
| Cercis canadensis | Redbud | f/p/s | 16' | May | Pink/Purple | Shrub; flowers bloom early spring |
| Corylus americana | Hazelnut | f/p | 3-13' | Mar-April | Brown | Shrub; beneficial to a variety of wildlife |
| Hamamelis virginiana | Common Witchhzel | p/s | 10'-15' | Sept-Nov | Yellow | Beneficial to a variety of wildlife |
| Pinus strobus | White Pine | f/p | 150' | | | Evergreen tree; tolerates many soil types; MI state tree |
| Prunus americana | Wild Plum | p/s | 10'-25' | April-May | White | Fruit is edible; larval host for butterflies |
| Prunus serotina | Black Cherry | f/p | 50'-85' | May-June | White | Fruit is edible; larval and nectar source for butterflies |
| Ptelea trifoliata | Hop tree | f/p | 6'-15' | June | Green | Larval host for butterflies |
| Quercus alba | White Oak | f/p | 25'-100' | Apr-May | Yellow/ green | Excellent residential tree though does not withstand construction damage well; large crown; red fall color; food source for a variety of wildlife |
| Quercus macrocarpa | Bur Oak | f | 60'-85' | May-June | Green | Larval host for butterflies; food source for wildlife |
| Quercus rubra | Red Oak | f | 65'-90' | May-June | Green | Larval host for butterflies; food source for wildlife |
| Quercus velutina | Black Oak | f | 60'-80' | May-June | Green | Larval host for butterflies; food source for wildlife |
| Sambucus canadensis | American elder | f/p | 5'-12' | June-July | White | Fruit is edible; great for birds |

| Sambucus racemosa (pubens) | Red-berried elder | f/p | 5'-12' | May-June | White | Found all over the state; great for birds |
|----------------------------|---------------------|-------|--------|----------|-------|--|
| Staphylea trifolia | American Bladdernut | p/s | 10-15' | May | White | Shrub; easily grown; |
| Viburnum acerifolium | Maple-Leaf Viburnum | f/p/s | 2-6' | June | White | Shrub; reddish-purple fall color; black fruit; |
| | | | | | | beneficial to wildlife |

* Light requirements: f = full sun, f/p = full sun to partial shade, f/p/s = full sun to shade, p/s = partial shade to sun, s = shade ** height at 20 years