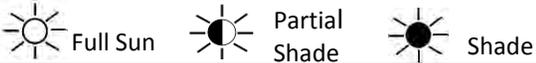
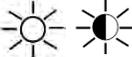
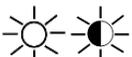
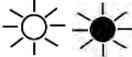


Recommended Native Plant Species for Shoreland Restoration in Marathon County

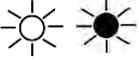
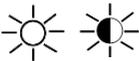
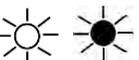
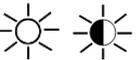
🌸 Basic Plant Tips 🌸

- Remove weeds & grass from site before planting
- Prepare/amend & loosen soil before planting
- Plant in a location with suitable soil type & sun requirements for the selected species
- Water new plants frequently until established
- Use mulch to conserve water and inhibit weed growth
- Consider using a cage/fence to protect new plants from wildlife
- Always purchase native plants according to the scientific name
- Check for plant availability with native plant nurseries or look into transplanting species that are already established on your property



Common Name <i>Scientific Name</i>	Growth Form	Features & Characteristics	Additional Comments	Pictures
American Basswood <i>Tilia americana</i> 	Tree	Sun to part-shade; moderate soil moisture; 50-100 ft. tall; spread 35-40 ft. wide.	Highly adaptable to soil conditions; prefers sheltered north and east facing slopes; soft wood provides nesting habitat.	
American Elm <i>Ulmus americana</i> 	Tree	Sun to part-shade; moist to well-drained soils; 60-80 ft. tall; spread 40-70 ft. wide.	Heat and drought tolerant; attracts birds and butterflies; tolerates range of soil conditions.	
American Mountain Ash <i>Sorbus americana</i> 	Tree	Sun to shade; dry or wet soils; 12-36ft. tall; spread 15-25 ft. wide.	Attracts birds; can be short lived; tolerates range of soil conditions; fruits more successfully in full sun.	
Balsam Fir <i>Abies balsamea</i> 	Tree	Sun to shade; mesic to moist soils; 50-70 ft. tall; spread 15-25 ft. wide.	Good for screening; poor heat tolerance.	

Recommended Native Plant Species for Shoreland Restoration in Marathon County

<p>Black Cherry <i>Prunus serotina</i></p> 	<p>Tree</p>	<p>Sun to shade; dry to mesic soils; white flowers, black cherries; grows 50-80ft. tall; spread 30-60 ft. wide</p>	<p>Good for pollinators; wildlife food; tolerates range of soil conditions.</p>	
<p>Black Willow <i>Salix nigra</i></p> 	<p>Tree</p>	<p>Full sun to part-shade; wetter soils; grows to 100ft. tall; spread 30-60 feet wide.</p>	<p>Bank stabilization; tolerates erosion; reproduces quickly.</p>	
<p>Canada Plum <i>Prunus nigra</i></p> 	<p>Tree</p>	<p>Part-shade; moist soils; grows up to 25ft.; white showy fragrant flowers; reddish fruit.</p>	<p>Landscape accent; wildlife food.</p>	
<p>Cottonwood <i>Populus deltoids</i></p> 	<p>Tree</p>	<p>Sun to shade; dry to wet soils; grows 75-100 ft. tall; spread 35-60 ft. wide.</p>	<p>Very fast growing tree; releases fuzzy cotton that surrounds seed capsules.</p>	
<p>Eastern Hemlock <i>Tsuga canadensis</i></p> 	<p>Tree</p>	<p>Part sun to part shade; moist to well drained soils; 40-80 ft. tall; spread 35-35 ft. wide.</p>	<p>Slow grower; does well on north facing slopes.</p>	
<p>Eastern White Pine <i>Pinus strobus</i></p> 	<p>Tree</p>	<p>Sun; dry soils; 50-80 ft. tall; spread 20-40 ft. wide.</p>	<p>Wildlife habitat; deer resistant.</p>	

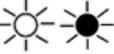
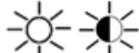
Recommended Native Plant Species for Shoreland Restoration in Marathon County

<p style="text-align: center;">Hackberry <i>Celtis occidentalis</i></p> <p style="text-align: center;">☀️ ☀️</p>	Tree	Sun to part shade; medium soils; grows 45-80 ft. tall; spread 40-50 ft. wide.	Wildlife habitat; windbreaks.	
<p style="text-align: center;">Ironwood <i>Ostrya virginiana</i></p> <p style="text-align: center;">☀️ ☀️</p>	Tree	Sun to shade; dry to moist soils; slow growing; grows 30-40 ft. tall; spread 25-30ft wide.	Resistant to insects (except gypsy moth), disease, wind, ice, and many other stresses.	
<p style="text-align: center;">Northern Pin Oak <i>Quercus ellipsoidalis</i></p> <p style="text-align: center;">☀️</p>	Tree	Sun; Dry soils, well-drained; grows 60-75 ft. tall; spread 40-70 ft. wide.	Well suited for highly disturbed sites; wildlife food.	
<p style="text-align: center;">Northern Red Oak <i>Quercus rubra</i></p> <p style="text-align: center;">☀️</p>	Tree	Sun; medium moisture to dry; grows 60-70 ft. tall; spread 40-60 ft. wide.	Shade tree; wildlife food.	
<p style="text-align: center;">Paper Birch <i>Betula papyrifera</i></p> <p style="text-align: center;">☀️ ☀️</p>	Tree	Sun to part-shade; dry to mesic soils; grows 50-70 ft. tall; spread 25-50 ft. wide.	Accent; bright white bark; deer tolerance.	
<p style="text-align: center;">Pin Cherry <i>Prunus pensylvanica</i></p> <p style="text-align: center;">☀️</p>	Tree	Sun; dry soils; white flowers and red berries; grows 15-30 ft. tall; spread 15-30 ft. wide.	Good for pollinators; wildlife food; rapid growth; prefers sandy soil.	

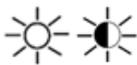
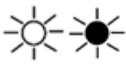
Recommended Native Plant Species for Shoreland Restoration in Marathon County

<p>Poplar/Aspen <i>Populus tremuloides</i></p> <p>☀️ ☀️</p>	Tree	Sun to shade; dry to wet soils; 36-72ft. tall. Width varies.	Short lived and usually replaced by conifers.	
<p>Red Maple <i>Acer rubrum</i></p> <p>☀️ ☀️</p>	Tree	Sun to shade; dry to moist soils; grows 40-70 ft. tall; spread 30-50 ft. wide.	Very tolerant.	
<p>Red Pine <i>Pinus resinosa</i></p> <p>☀️</p>	Tree	Sun; dry soils; grows 50-80ft. tall; spread 20-25 ft. wide.	Wildlife habitat. Tolerates deer.	
<p>River Birch <i>Betula nigra</i></p> <p>☀️</p>	Tree	Part shade; moist soils; satiny/silver bark; grows 40-70ft.tall; spread 40-60 ft. wide;	Bank stabilization; well-suited to wetter areas.	
<p>Silver Maple <i>Acer saccharinum</i></p> <p>☀️ ☀️</p>	Tree	Full sun to shade; prefers moist acidic soils; 50-80 ft. tall; spread 35-70 ft. wide.	Wildlife food/cover; quick to grow; fall color.	
<p>Slippery Elm <i>Ulmus rubra</i></p> <p>☀️ ☀️</p>	Tree	Sun to part-shade; moist soils; 40-70 feet tall; spread 30-50 ft. wide.	Attracts birds and butterflies.	

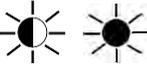
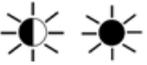
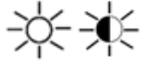
Recommended Native Plant Species for Shoreland Restoration in Marathon County

<p>Sugar Maple <i>Acer saccharum</i></p> 	Tree	Sun to Shade; mesic soils; grows 40-80 ft. tall; spread 30-260 ft. wide.	Produces sap; landscape fall color.	
<p>Swamp White Oak <i>Quercus bicolor</i></p> 	Tree	Sun; Moist to wet acidic soils; grows 60-100 ft. tall; spread 50-60 feet wide.	Shade tree; wildlife food and cover.	
<p>Tamarack <i>Larix laricina</i></p> 	Tree	Sun; moist to wet soils; deciduous conifer with nice spring and fall color; 40-80ft. tall; spread 15-30 feet wide.	Accent on wet shorelines; prefers acidic soil. Intolerant of dry soil and city pollutants.	
<p>White Spruce <i>Picea glauca</i></p> 	Tree	Full sun; moist acidic soils; grows 40-60 ft. tall; spread 10-20 ft. wide.	Commonly used for Christmas trees. Tolerates deer.	
<p>Yellow Birch <i>Betula alleghaniensis</i></p> 	Tree	Sun to part shade; well drained soils; bark is grayish yellow to bronze; grows to 60-75 ft.	Golden fall color.	
<p>Allegheny Serviceberry <i>Amelanchier laevis</i></p> 	Shrub	Sun to part-shade; moderate soil moisture; tall shrub range from 15-40ft. tall; spread 15-40 ft. wide.	Fragrant flowers and berries that attract birds and are edible to humans also.	

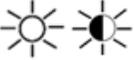
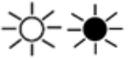
Recommended Native Plant Species for Shoreland Restoration in Marathon County

<p>American Hazelnut <i>Corylus americana</i></p> 	<p>Shrub</p>	<p>Sun to part-shade; well drained soils; produces nuts; showy fall color; 8 -15ft. tall; spread 8-13 ft. wide.</p>	<p>Edible nuts; privacy barrier; fast growth rate; tolerates clay soil.</p>	
<p>American Yew <i>Taxus canadensis</i></p> 	<p>Shrub</p>	<p>Sun to shade; moist to well-drained soils; evergreen; 3-6 ft. tall; spread up to 8 ft. wide.</p>	<p>Ground cover; slow growth rate; evergreen; easily transplanted.</p>	
<p>Beaked Hazelnut <i>Corylus cornuta</i></p> 	<p>Shrub</p>	<p>Sun to shade; well drained soils; produces nuts; tiny red flowers; grows to 10ft. tall; spread 4 – 8 ft. wide.</p>	<p>Good understory shrub because of shade tolerance; prefers acidic soil; edible nuts.</p>	
<p>Bearberry <i>Arctostaphylos uva-ursi</i></p> 	<p>Shrub</p>	<p>Sun to shade; dry to moist acidic soil; red berries; 6-12in. tall; spread 3-6 ft. wide.</p>	<p>Plant with no fertilizer and compact soil around the plant.</p>	
<p>Black Chokeberry <i>Aronia melanocarpa</i></p> 	<p>Shrub</p>	<p>Sun to part-shade; dry to mesic soils; flowers are white to pink, black berries; 3-6 ft. tall and wide.</p>	<p>Wildlife food; sand, loam, clay soil; blooms in May</p>	
<p>Black Elderberry <i>Sambucus canadensis</i></p> 	<p>Shrub</p>	<p>Part-shade; rich, rocky soils; 6-12ft. tall and wide.</p>	<p>Tolerates erosion, clay soil, and wet soil.</p>	

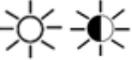
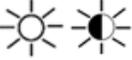
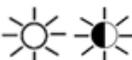
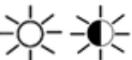
Recommended Native Plant Species for Shoreland Restoration in Marathon County

<p>Bush Honeysuckle <i>Diervilla lonicera</i></p> 	Shrub	Part-shade to shade; dry soil; 1-3ft tall and wide.	Very good ground cover for stopping erosion.	
<p>Buttonbush <i>Cephalanthus occidentalis</i></p> 	Shrub	Part-shade to shade; moist wet soils; white around flowers; 6-12ft. tall.	Showy and unique ornamental flowers; attracts birds and butterflies; tolerates erosion and wet soil.	
<p>Creeping Snowberry <i>Galutheria hispida</i></p> 	Shrub	Shade; moist soils; white flower; 1-3ft. tall.	Creeping, matted, delicate evergreen shrub; grows fast.	
<p>Downy Arrow-wood <i>Viburnum rafinesquianum</i></p> 	Shrub	Part-shade to shade; dry to mesic soils; great fall colors, blue berries; 6-12ft. tall.	Wildlife food; landscape accent; understory plant.	
<p>Downy Hawthorn <i>Crataegus mollis</i></p> 	Shrub	Full sun; moist soils; bronze fall color; small white flowers; grows to 30ft. tall.	Easy to grow; privacy border; wildlife food; red cherry-like inedible fruit.	
<p>Downy Serviceberry <i>Amelanchier arborea</i></p> 	Shrub	Sun to shade; dry soil; 12-36ft. tall and wide.	White flowers that appear before the leaves; tolerates clay soil.	

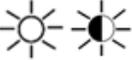
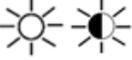
Recommended Native Plant Species for Shoreland Restoration in Marathon County

<p>Red Elderberry <i>Sambucus canadensis</i></p> 	Shrub	Sun to part shade; prefers moist soils; showy white flowers; 5-12ft. tall and wide.	Grows well in bog sites; wildlife food; fast growth rate; tolerates clay, erosion, and wet soils.	
<p>Gray Dogwood <i>Cornus racemosa</i></p> 	Shrub	Sun and shade tolerant; tolerates many soil types; white flowers fruit; 10-15ft. tall and wide.	Soil stabilization; easily transplanted and adaptable; wildlife food; tolerates deer.	
<p>Ground Juniper <i>Juniperus communis</i></p> 	Shrub	Sun; dry sandy soil; low growing shrub; 1.5-2 ft. tall; spread up to 5 ft. wide.	Berries attract wildlife; great cover for squirrels and chipmunks; tolerates deer, erosion, dry soil, shallow-rocky soil, and drought.	
<p>High Bush Cranberry <i>Viburnum trilobum</i></p> 	Shrub	Sun to partial shade; well drained moist soils; purple fall color; edible; 8-12ft. tall	Shrub border; useful for flowers and fruit; attracts birds.	
<p>Leatherleaf <i>Chamaedaphne calyculata</i></p> 	Shrub	Sun; wet acidic soils; 1-3ft. tall; white bell shaped flowers.	Slow growing and short lived.	
<p>Low-bush Blueberry <i>Vaccinium angustifolium</i></p> 	Shrub	Full sun; moist acidic well-drained soils; sweet edible fruit; up to 2ft. tall.	Useful in shrub border; food source for humans and wildlife.	

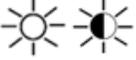
Recommended Native Plant Species for Shoreland Restoration in Marathon County

<p>Mapleleaf Viburnum <i>Viburnum acerfolium</i></p> 	Shrub	Full sun to shade; well drained soils; yellowish-white flowers and red fall foliage; 4-6 ft. tall; 2-4 feet wide.	Shrub borders; landscape accent; tolerates black walnut.	
<p>Mountain Holly <i>Illex mucronata</i></p> 	Shrub	Sun to shade; moist soil; 3-6ft. tall.	Filler.	
<p>Nannyberry <i>Viburnum lentago</i></p> 	Shrub	Sun or shade; well drained to moist soils; showy blooms; 14-16 ft. tall; 6-12 ft. wide.	Hedges; shrub borders; decorative flowers.	
<p>New Jersey Tea <i>Ceanothus americanus</i></p> 	Shrub	Sun to part-shade; dry to medium well-drained soils; showy-fluffy flowers; grows 2-4 ft. tall; 3-5 ft. wide.	Attracts butterflies; can be dried for a tea similar to black tea; landscape accent; sand, loam soils	
<p>Ninebark <i>Physocarpus opulifolius</i></p> 	Shrub	Full sun to part-shade; small white flower clusters; 5-8 feet tall; 4-6 ft. wide.	Shrub border; screen for winter; tolerates drought, erosion, clay, dry soil, shallow-rocky soil.	
<p>Pagoda Dogwood <i>Cornus alternifolia</i></p> 	Shrub	Sun to partly shady; well drained soils; white fragrant flowers; black berries; 15-25 ft. tall; 20-32 ft. wide.	Landscape accent; valuable wildlife food and cover; tolerates deer.	

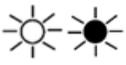
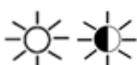
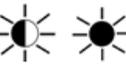
Recommended Native Plant Species for Shoreland Restoration in Marathon County

<p>Pasture Rose <i>Rosa carolina</i></p> 	Shrub	Sun to part-shade; dry to wet soils; pink flowers; 3-6 ft. tall; 5-10 ft. wide.	Thorny stems; grows best in open sunny areas.	
<p>(Red) Raspberry <i>Rubus ideaus</i></p> 	Shrub	Sun to part-shade; dry to mesic soils; decorative fruit; 3-9 ft. tall and wide.	Wildlife food; thorny stem; prefers slightly acidic soil.	
<p>Shrubby Cinquefoil <i>Potentilla fruticosa</i></p> 	Shrub	Sun to part-shade; moist soils; yellow flowers; 2-5 ft. tall and wide.	Flowers are long blooming; tolerates rabbit, deer, drought, erosion, and clay.	
<p>Silky Dogwood <i>Cornus amomum</i></p> 	Shrub	Part-shade to shade; moist or wet soils; 6-12 ft. tall and wide.	Tolerates deer and erosion.	
<p>Smooth Rose <i>Rosa blanda</i></p> 	Shrub	Sun to part-shade; dry to mesic soils; 3-4ft. tall; pink flowers.	Accent.	
<p>Snowberry <i>Symphoricarpos albus</i></p> 	Shrub	Sun to medium shade; tolerates many soil types; pinkish white flowers; ornamental; 3-6ft. tall and wide.	Useful in shrub border; easy to transplant; brilliant white color; tolerates deer, drought, clay, and dry soil.	

Recommended Native Plant Species for Shoreland Restoration in Marathon County

<p>Steeplebush <i>Spirea tomentosa</i></p> 	Shrub	Full sun to part-shade; moist to wet soils; grows 2-4 ft.; pink flower clusters.	Attracts birds and butterflies; accent; can tolerate wet conditions.	
<p>Swamp Rose <i>Rosa palustris</i></p> 	Shrub	Sun; moist to wet soils; 3–7ft. tall; pink flowers; red hips.	Accent.	
<p>Sweet Fern <i>Comptonia peregrina</i></p> 	Shrub	Sun to part-shade; dry and sandy soils; 2–3ft. tall; great scent; likes more sterile soils.	Clonal; nitrogen fixer.	
<p>Sweet Gale <i>Myrica gale</i></p> 	Shrub	Sun to shade; wet soils; 2-3ft tall; great leaf scent.	Accent.	
<p>White Meadow Sweet <i>Spirea alba</i></p> 	Shrub	Sun; mesic to wet soils; grows 3-4ft. tall; white flowers.	Accent.	
<p>Wild Sarsaparilla <i>Aralia nudicaulis</i></p> 	Shrub	Sun to shade; moist soils; 1-3 ft. tall.	May become aggressive over time.	

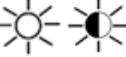
Recommended Native Plant Species for Shoreland Restoration in Marathon County

<p>Winterberry <i>Ilex verticillata</i></p> 	<p>Shrub</p>	<p>Sun to part-shade; medium to moist soils; may have red berries; 3-12 ft. tall and wide.</p>	<p>Accent; fragrant berries when crushed; tolerates clay, erosion, and wet soil.</p>	
<p>Barren Strawberry <i>Waldsteinia fragarioides</i></p> 	<p>Perennial / Wildflower</p>	<p>Sun to shade; dry to mesic soils; yellow flower; nice fall color; 0.25-0.5 ft. tall; 0.5-1 ft. wide.</p>	<p>Clonal; ground cover flower; easy to grow; tolerate clay soil and deer; spreads by runners; achene fruit, not berry.</p>	
<p>Beardstongue <i>Penstemon grandiflorus</i></p> 	<p>Perennial / Wildflower</p>	<p>Sun to part-shade; average to moist soils; small white flowers; 2-4 ft. tall; 1-1.5 ft. wide.</p>	<p>Cold winter and drought tolerant; accent; attracts hummingbirds; tolerates deer.</p>	
<p>Big Leaved Aster <i>Aster macrophyllus</i></p> 	<p>Perennial / Wildflower</p>	<p>Partial sun to shade; dry to mesic soils; 1-3ft. tall; pale blue flowers.</p>	<p>Ground cover; tolerates wide range of soils and deer; attracts pollinators.</p>	
<p>Blue Flag Iris <i>Iris versicolor</i></p> 	<p>Perennial / Wildflower</p>	<p>Sun to part-shade; moist/wet rich soil; 1-3ft. tall.</p>	<p>Poisonous to livestock; attracts hummingbirds; not a demanding plant.</p>	
<p>Black-Eyed Susan <i>Rudbeckia hirta</i></p> 	<p>Perennial / Wildflower</p>	<p>Sun to part-shade; dry to moist soils; 1-3ft tall; yellow/brown flowers.</p>	<p>Accent; looks like small sunflower; attracts pollinators; deer resistant; tolerates wide range of soils.</p>	

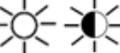
Recommended Native Plant Species for Shoreland Restoration in Marathon County

<p style="text-align: center;">Boneset <i>Eupatorium perfoliatum</i></p> <p style="text-align: center;">☀️ 🌑</p>	<p style="text-align: center;">Perennial / Wildflower</p>	<p style="text-align: center;">Sun to shade; moist-wet soil; 3-6ft. tall.</p>	<p style="text-align: center;">Attracts pollinators and butterflies; tolerates wide range of soils.</p>	
<p style="text-align: center;">Bunchberry Dogwood <i>Cornus canadensis</i></p> <p style="text-align: center;">☀️ 🌑</p>	<p style="text-align: center;">Perennial / Flower</p>	<p style="text-align: center;">Sun to shade; moist acidic soils; 0-1ft. tall.</p>	<p style="text-align: center;">Late summer dense clusters of berries replaced by flowers.</p>	
<p style="text-align: center;">Butterfly Weed <i>Asclepias tuberosa</i></p> <p style="text-align: center;">☀️</p>	<p style="text-align: center;">Perennial / Wildflower</p>	<p style="text-align: center;">Sun; dry soils; 1- 2ft.; brilliant orange color.</p> <p style="text-align: center;">Note: Different variety for heavy soils.</p>	<p style="text-align: center;">Attracts butterflies; deer resistant; landscape plant.</p>	
<p style="text-align: center;">Canada Goldenrod <i>Solidago canadensis</i></p> <p style="text-align: center;">☀️ 🌑</p>	<p style="text-align: center;">Perennial / Wildflower</p>	<p style="text-align: center;">Sun to part-shade; dry to mesic soils; 1-3ft tall; yellow flowers.</p>	<p style="text-align: center;">Clonal.</p>	
<p style="text-align: center;">Canada Mayflower <i>Maianthemum canadense</i></p> <p style="text-align: center;">🌑 🌑</p>	<p style="text-align: center;">Perennial / Wildflower</p>	<p style="text-align: center;">Part-shade to shade; moist wet soils; <1ft. tall; White star shaped flowers.</p>	<p style="text-align: center;">False lily of the valley is another name for this plant.</p>	
<p style="text-align: center;">Columbine <i>Aquilegia canadensis</i></p> <p style="text-align: center;">☀️ 🌑</p>	<p style="text-align: center;">Perennial / Wildflower</p>	<p style="text-align: center;">Sun to shade; dry to mesic soils; 1-3ft. tall; red & yellow flowers.</p>	<p style="text-align: center;">Landscape accent; very interesting shaped blooms; not great for heavy soils; deer resistant.</p>	

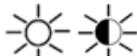
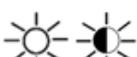
Recommended Native Plant Species for Shoreland Restoration in Marathon County

<p>Common Milkweed <i>Asclepias syriaca</i></p> 	<p>Perennial / Wildflower</p>	<p>Sun to part-shade; dry to mesic soils; 3-6ft. tall, pink to cream flower; Monarch butterfly food.</p>	<p>Good for pollinators; clonal; sand, loam, clay soils; rhizome</p>	
<p>Culvers Root <i>Veronicastrum virginicum</i></p> 	<p>Perennial / Wildflower</p>	<p>Sun to part-shade; moist soils; 3-6ft. tall; white cone like flowers.</p>	<p>Attracts honey bees; was prescribed as a laxative long ago; sand, loam and clay soils.</p>	
<p>Cup Plant <i>Silphium perfoliatum</i></p> 	<p>Perennial / Wildflower</p>	<p>Sun; dry to wet soils; 3-6ft. tall; Large yellow flowers.</p>	<p>Yellow flowers and stout leaves that are joined at the stem which hold water for birds; sand, loam, and clay soils.</p>	
<p>Fireweed <i>Epilobium angustifolium</i></p> 	<p>Perennial / Wildflower</p>	<p>Sun; dry to mesic soils; 2-6ft. tall; pink to purple flowers.</p>	<p>Clonal; not recommended for clay soils.</p>	
<p>Flat-topped Aster <i>Aster umbellatus</i></p> 	<p>Perennial / Wildflower</p>	<p>Sun/shade; mesic to moist soils; 1-5ft. tall; flat-topped head of white flowers.</p>	<p>Landscape accent; Rain garden.</p>	
<p>Frost Aster <i>Aster pilosus</i></p> 	<p>Perennial / Wildflower</p>	<p>Sun; sandy soils; 1-4ft. tall; showy white flowers.</p>	<p>Stem, branches, and leaves are often covered in white hairs.</p>	

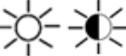
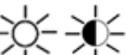
Recommended Native Plant Species for Shoreland Restoration in Marathon County

<p>Grass-leaved Goldenrod <i>Euthamia graminifolia</i></p> 	<p>Perennial / Wildflower</p>	<p>Sun; dry to moist and sandy soils; 1-4ft. tall, flat-topped yellow flower clusters.</p>	<p>Filler; rhizome.</p>	
<p>Great Blue Lobelia <i>Lobelia siphilitica</i></p> 	<p>Perennial / Wildflower</p>	<p>Sun to shade; moist wet soil; 1-3ft. tall; purple tubular flowers.</p>	<p>Blooms bright blue in late summer; excellent for heavy, damp clay soils.</p>	
<p>Great St. John's-Wort <i>Hypericum pyramidalatum</i></p> 	<p>Perennial / Wildflower</p>	<p>Sun to part-shade; mesic to moist soils; 2-5ft. tall; yellow flowers.</p>	<p>Accent; large star shaped flowers.</p>	
<p>Ironweed <i>Vernonia fasciculata</i></p> 	<p>Perennial / Wildflower</p>	<p>Sun to shade; Fertile wet soils; 3-6ft. tall; purple flowers.</p>	<p>Too aggressive for small areas, must need competition; deer resistant</p>	
<p>Joe-Pye Weed <i>Eupatorium maculatum</i></p> 	<p>Perennial / Wildflower</p>	<p>Sun; mesic to moist soils; 2-7ft. tall; pink to purple flower clusters. Note: Sweet Joy Pye Weed for shaded areas</p>	<p>Accent; rain garden; will grow along shoreline.</p>	
<p>Lance Leaved Coreopsis <i>Coreopsis lanceolata</i></p> 	<p>Perennial / Wildflower</p>	<p>Sun to part-shade; dry to moderate well-drained soils; 1-2 ft. tall; yellow daisy like flowers.</p>	<p>Cut flower arrangements; attracts birds and butterflies; easy to grow; deer resistant.</p>	

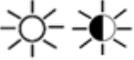
Recommended Native Plant Species for Shoreland Restoration in Marathon County

<p>Marsh Marigold <i>Caltha palustris</i></p> 	<p>Perennial / Wildflower</p>	<p>Full sun to partial shade; only wetter soils; 1-2 ft.; brilliant yellow blooms.</p>	<p>Does well in very wet areas; rain garden; accent on shorelines; tolerate deer; rhizome.</p>	
<p>Marsh/Swamp Milkweed <i>Asclepias incarnata</i></p> 	<p>Perennial / Wildflower</p>	<p>Sun; mesic to moist soils; grows up to 5ft. tall; deep pink to red flowers; Monarch butterfly food.</p>	<p>Accent; great for rain gardens; attracts wide variety of pollinators.</p>	
<p>New England Aster <i>Aster novae-angliae</i></p> 	<p>Perennial / Wildflower</p>	<p>Sun to light shade; average to moist soils; 3-6 ft., small pink blooms.</p>	<p>Accent; shrub border; vibrant color; deer resistant; sand, clay, loam soils.</p>	
<p>Old Field Goldenrod <i>Solidago nemoralis</i></p> 	<p>Perennial / Wildflower</p>	<p>Sun; dry and sandy soils; 1 -1.5ft. tall; yellow flowers, grey stems.</p>	<p>Accent; filler; tolerates deer, drought, shallow-rocky soil, dry soil.</p>	
<p>Panicked Aster <i>Aster lanceolatus</i></p> 	<p>Perennial / Wildflower</p>	<p>Sun to shade; mesic to moist soils; 2-5ft. tall; white to pale blue flowers.</p>	<p>Accent; great for rain gardens; rhizome.</p>	
<p>Pearly Everlasting <i>Anaphalis margaritacea</i></p> 	<p>Perennial / Wildflower</p>	<p>Sun to partial shade; moist soils but can tolerate drier soils; 2ft.; small showy white-yellow flowers; a host plant for American Painted Lady Butterfly.</p>	<p>Dried flower arrangements; deer resistant; accent.</p>	

Recommended Native Plant Species for Shoreland Restoration in Marathon County

<p>Plantain Pussytoes</p> 	<p>Perennial / Wildflower</p>	<p>Sun; dry soils; white/pink flowers, 4-16 in. tall; a host plant for the American Painted Lady Butterfly.</p>	<p>Ground cover; does best in rocky, dry, well-drained soils; will not tolerate moist soils; stolons.</p>	
<p>Prairie Phlox <i>Phlox pilosa</i></p> 	<p>Perennial / Wildflower</p>	<p>Full to partial sun; mesic to moist conditions; up to 2ft.; violet, white, or pink flowers.</p>	<p>Attracts butterflies; transplants need to be protected from wildlife.</p>	
<p>Prairie Smoke <i>Geum triflorum</i></p> 	<p>Perennial / Wildflower</p>	<p>Full sun; dry soils; less than 1ft.; showy purple flowers followed by fruiting heads.</p>	<p>Rock gardens; borders; low maintenance plant; slow spread via rhizome; deer resistant.</p>	
<p>Purple Coneflower <i>Echinacea purpurea</i></p> 	<p>Perennial / Wildflower</p>	<p>Sun to part-shade; well drained soils; purple petals w/ orange center; 2-3 ft.</p>	<p>Cut flower arrangements; borders; hardy.</p>	
<p>Purple Stem Aster <i>Aster puniceus</i></p> 	<p>Perennial / Wildflower</p>	<p>Sun to shade; moist to wet soils; 1-4ft. tall; blue to purple flowers.</p>	<p>Accent; great for rain gardens; deer resistant.</p>	
<p>Rattlesnake Master <i>Eryngium yuccifolium</i></p> 	<p>Perennial / Wildflower</p>	<p>Full sun; moist soils; 2- 5ft.; spindly stem; yellow spiky flower balls.</p>	<p>Deer resistant; bluish green stem color; easy to grow; sand, loam, clay soils.</p>	

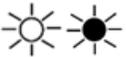
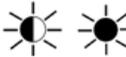
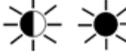
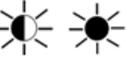
Recommended Native Plant Species for Shoreland Restoration in Marathon County

<p>Rough Blazing Star <i>Liatris aspera</i></p> 	<p>Perennial / Wildflower</p>	<p>Sun to part-shade; dry to mesic soils; 1-3ft. tall; pink flowers.</p>	<p>Accent; blooms late summer and early fall; deer resistant; sand and loam soils.</p>	
<p>Rough/Hairy Sunflower <i>Helianthus hirsutus</i></p> 	<p>Perennial / Wildflower</p>	<p>Sun to part-sun; dry to mesic soil; 6-12in. tall; yellow flowers.</p>	<p>Stems and leaves are bristly; attracts butterflies.</p>	
<p>Showy Goldenrod <i>Solidago speciosa</i></p> 	<p>Perennial / Wildflower</p>	<p>Part-shade; moist soils; 3-6ft. tall; yellow flowers.</p>	<p>Can become aggressive in wet soils; deer resistant; sand and loam soils.</p>	
<p>Sky Blue Aster <i>Aster azureus</i></p> 	<p>Perennial / Wildflower</p>	<p>Sun to shade; dry or moist soils; 1-3ft. tall; purple flowers.</p>	<p>Blooms late summer, early fall; sand and loam soils.</p>	
<p>Smooth Aster <i>Aster laevis</i></p> 	<p>Perennial / Wildflower</p>	<p>Sun; dry to mesic soils; 1-3ft tall; blue to purple flowers.</p>	<p>Accent; Rain garden plant; sand and loam soils.</p>	
<p>Starflower <i>Trientalis borealis</i></p> 	<p>Perennial / Wildflower</p>	<p>Part-shade to shade; dry to mesic soils; grows 4-8in. flowers are white.</p>	<p>Accent; filler; does not produce nectar</p>	

Recommended Native Plant Species for Shoreland Restoration in Marathon County

<p style="text-align: center;">Sweet Flag <i>Acorus americanus</i></p> <p style="text-align: center;">☀️ 🌑</p>	<p style="text-align: center;">Perennial / Wildflower</p>	<p style="text-align: center;">Sun to partial shade; mesic to wet; 2ft.; grass-like.</p>	<p style="text-align: center;">Deer resistant; accent and soil stabilizer on shorelines; muskrats eat roots.</p>	
<p style="text-align: center;">White Turtlehead <i>Chelone glabra</i></p> <p style="text-align: center;">☀️ 🌑</p>	<p style="text-align: center;">Perennial / Wildflower</p>	<p style="text-align: center;">Sun to shade; moist to wet soils; 2- 3ft. tall; white flowers.</p>	<p style="text-align: center;">Accent; great for rain gardens; sand, loam, clay soils.</p>	
<p style="text-align: center;">Wild Bergamot <i>Monarda fistulosa</i></p> <p style="text-align: center;">☀️ 🌑</p>	<p style="text-align: center;">Perennial / Wildflower</p>	<p style="text-align: center;">Sun to part-shade; dry to moist soils; 2-4ft. tall; pale purple to pink flowers.</p>	<p style="text-align: center;">Clonal; filler; good for pollinators; sand, loam, clay</p>	
<p style="text-align: center;">Wild Geranium <i>Geranium maculatum</i></p> <p style="text-align: center;">☀️ 🌑</p>	<p style="text-align: center;">Perennial / Wildflower</p>	<p style="text-align: center;">Sun to shade; dry to mesic soils; 12-28in. tall; pink to purple flowers.</p>	<p style="text-align: center;">Accent; great for rain gardens; rhizome; sand and loam soils.</p>	
<p style="text-align: center;">Wild Lupine <i>Lupinus perennis</i></p> <p style="text-align: center;">☀️ 🌑</p>	<p style="text-align: center;">Perennial / Wildflower</p>	<p style="text-align: center;">Sun to part-shade; dry to mesic and sandy soils; 8-24in. tall; blue to white flowers, early summer.</p>	<p style="text-align: center;">Karner blue butterfly food; sandy soils; deer resistant.</p>	
<p style="text-align: center;">Wild Strawberry <i>Fragaria virginiana</i></p> <p style="text-align: center;">☀️ 🌑</p>	<p style="text-align: center;">Perennial / Wildflower</p>	<p style="text-align: center;">Sun to shade; dry to mesic soils; 4- 6in.; white flowers.</p>	<p style="text-align: center;">Ground cover; sand and loam soils; spreads rapidly by rhizomes and stolons.</p>	

Recommended Native Plant Species for Shoreland Restoration in Marathon County

<p>Wood Anemone <i>Anemone quincquifolia</i></p> 	<p>Perennial / Wildflower</p>	<p>Sun to shade; mesic to wet soils; 2-8in. tall; white flowers fading to pink.</p>	<p>Ground cover; sand, loam and clay soils; rhizome.</p>	
<p>Blue Vervain <i>Verbena hastate</i></p> 	<p>Biennial / Wildflower</p>	<p>Sun; mesic to moist soils; 3-6ft. tall; larval host for Common Buckeye butterfly</p>	<p>Filler; attracts bees; deer resistant; sand, loam, clay soils.</p>	
<p>Canadian Wild Ginger <i>Asarum canadense</i></p> 	<p>Ground Cover</p>	<p>Part-shade to shade; moist soils; <1ft. tall.</p>	<p>Low, colony forming perennial with heart shaped leaves; sand, loam, clay soil; rhizome.</p>	
<p>Partridgeberry <i>Mitchella repens</i></p> 	<p>Groundcover</p>	<p>Part-shade to shade; dry to moist soil; 1-2in. tall; pinkish-white flowers.</p>	<p>Good ground cover for shady areas; attracts birds; plantings difficult to establish; tolerates variety of soils.</p>	
<p>Wintergreen <i>Gaultheria procumbens</i></p> 	<p>Groundcover</p>	<p>Part-shade to shade; mesic to moist soils; <1ft tall; red edible berries; white flowers</p>	<p>Aromatic leaves; prefers acidic soils; rhizome.</p>	
<p>Cinnamon Fern <i>Osmunda cinnaomomea</i></p> 	<p>Fern</p>	<p>Sun to shade; mesic to wet soils; 3-6ft. tall.</p>	<p>Brown frond located at the middle of the fern cluster; rhizome; sand, loam, clay soils; deer resistant.</p>	

Recommended Native Plant Species for Shoreland Restoration in Marathon County

<p>Interrupted fern <i>Osmunda claytoniana</i></p> 	<p>Fern</p>	<p>Shade; moist soils; grows 3-4ft. tall.</p>	<p>Easy to identify by the “interruption” mid stem; deer resistant; sand, loam, clay soils; rhizome.</p>	
<p>Lady Fern <i>Atherium felix-femina</i></p>  	<p>Fern</p>	<p>Part shade to shade; mesic to moist soils; 1-2ft. tall.</p>	<p>Accent / filler; rhizome.</p>	
<p>Maidenhair fern <i>Adiantum pedatum</i></p>  	<p>Fern</p>	<p>Part-shade to shade; moist soils; 1-3ft. tall.</p>	<p>This plant colonizes very well; sand, loam, clay soil; rhizome</p>	
<p>Sensitive Fern <i>Onoclea sensibilis</i></p>  	<p>Fern</p>	<p>Sun to shade; mesic to wet soils; 1-2ft. tall.</p>	<p>Filler; good texture; sand, loam, clay soils; deer resistant; good for north facing slopes; rhizome.</p>	
<p>Blue-Joint Grass <i>Calamagrostis canadensis</i></p>  	<p>Grass / Sedge</p>	<p>Sun to part-shade; mesic to wet soils; grows 2-3ft. tall.</p>	<p>Filler; rhizome.</p>	
<p>Fox Sedge <i>Carex vulpinoidea</i></p>  	<p>Grass / Sedge</p>	<p>Sun to part-shade; moist to wet soils; grows 2-3ft. tall; clump forming, pioneer species.</p>	<p>Clonal.</p>	

Recommended Native Plant Species for Shoreland Restoration in Marathon County

<p style="text-align: center;">Lake Sedge <i>Carex lacustris</i></p> <p style="text-align: center;">☀️ ☀️</p>	<p style="text-align: center;">Grass / Sedge</p>	<p style="text-align: center;">Sun to partly shady; wet soils; grows 2-3ft. tall.</p>	<p style="text-align: center;">Clonal.</p>	
<p style="text-align: center;">Pennsylvania sedge <i>Carex pennsylvanica</i></p> <p style="text-align: center;">☀️ ☀️</p>	<p style="text-align: center;">Grass / Sedge</p>	<p style="text-align: center;">Sun to shade; dry to moist soils; 1- 3ft. tall.</p>	<p style="text-align: center;">Clumped grass.</p>	
<p style="text-align: center;">Rattlesnake Manna Grass <i>Glyceria canadensis</i></p> <p style="text-align: center;">☀️ ☀️</p>	<p style="text-align: center;">Grass / Sedge</p>	<p style="text-align: center;">Sun to part-shade; moist to wet soils; grows 2-3ft. tall.</p>	<p style="text-align: center;">Filler; wildlife food.</p>	
<p style="text-align: center;">Riverbank Grape <i>Vitis riparia</i></p> <p style="text-align: center;">☀️ ☀️</p>	<p style="text-align: center;">Vine</p>	<p style="text-align: center;">Part-shade to shade; moist to wet soils; woody vine; dark berries.</p>	<p style="text-align: center;">Wildlife food; fast- growing.</p>	
<p style="text-align: center;">Virginia Creeper <i>Parthenocissus quinquefolia</i></p> <p style="text-align: center;">☀️ ☀️</p>	<p style="text-align: center;">Vine</p>	<p style="text-align: center;">Sun to shade; dry to moist soils; woody vine; dark berries; fall color.</p>	<p style="text-align: center;">Accent / filler; sand, loam, clay soils.</p>	
<p style="text-align: center;">Virgin's Bower <i>Clematis virginiana</i></p> <p style="text-align: center;">☀️ ☀️</p>	<p style="text-align: center;">Vine</p>	<p style="text-align: center;">Sun to part-shade; mesic to wet soils; white flowers.</p>	<p style="text-align: center;">Great for pollinators; sand, loam, clay soils.</p>	