

Chicago Park District Rapid Assessment Species

Developed by Plants of Concern, Chicago Botanic Garden
version 3 10/2019

Purpose:

This guide accompanies the Chicago Park District Natural Areas Rapid Floristic Quality Assessment Tool for vegetation monitoring. The species included in this guide are limited to those used for the Rapid Assessment and represent a subset of species found in any Natural Area. The Rapid Assessment protocol and datasheet are available at plantsofconcern.org/chicago-park-district-rfqa.

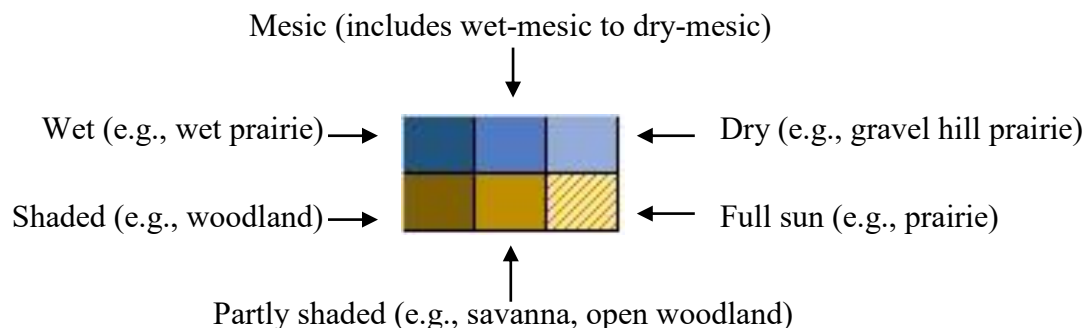
Categories:

Species are divided into the following color-coded categories:

Color	Category
	Tree: Opposite Leaves
	Tree: Alternate Leaves
	Tree: Compound Leaves
	Vine
	Shrub: Opposite Leaves
	Shrub: Compound Alternate Leaves
	Shrub: Alternate Simple Leaves
	Herbaceous: Opposite or Whorled Leaves
	Herbaceous: Alternate Leaves
	Herbaceous: Basal Leaves
	Graminoid: Grasses
	Graminoid: Sedges & Rushes
	Ferns & Fern Allies
	Invasives

Habitat grids:

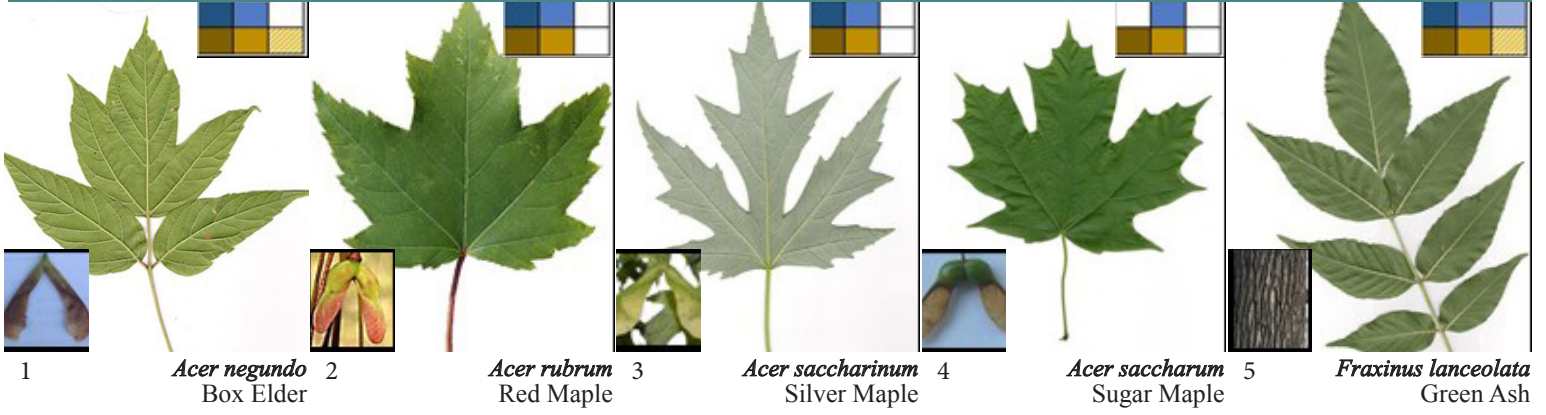
Habitat grids provide more information about where plants are found by indicating their moisture and light preferences. Blue shades indicate moisture preference, while brown/yellow shades indicate sun/shade preference. Colors filled in for a given species indicate the range of habitat types in which a species occurs.



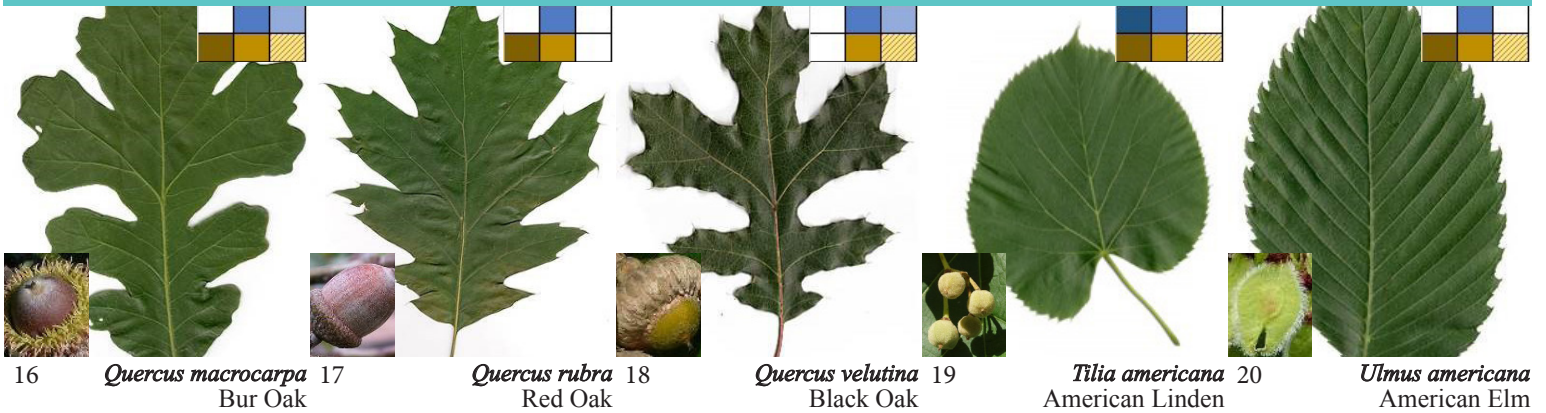
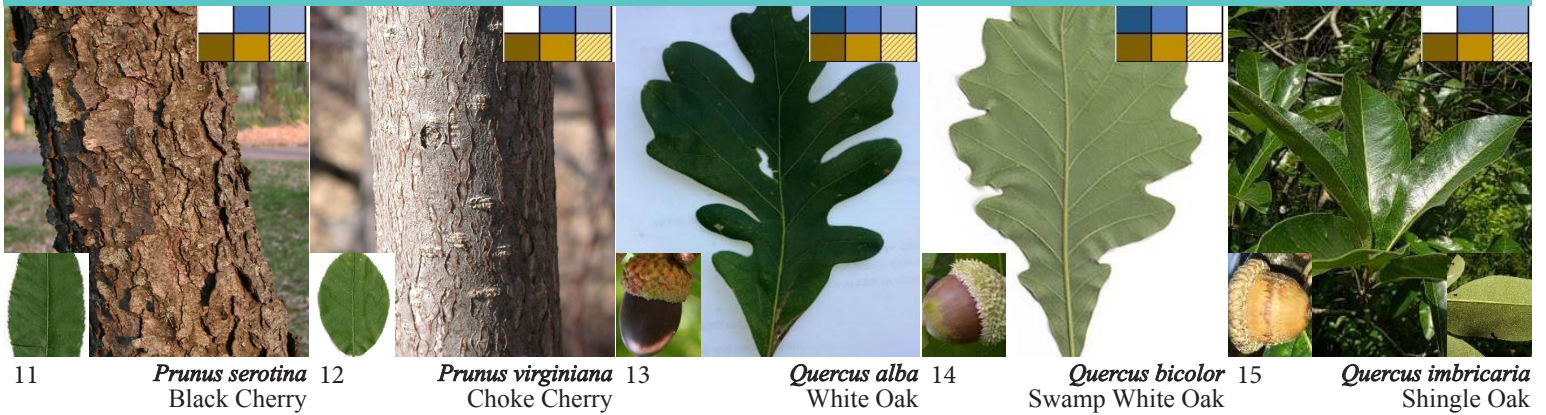
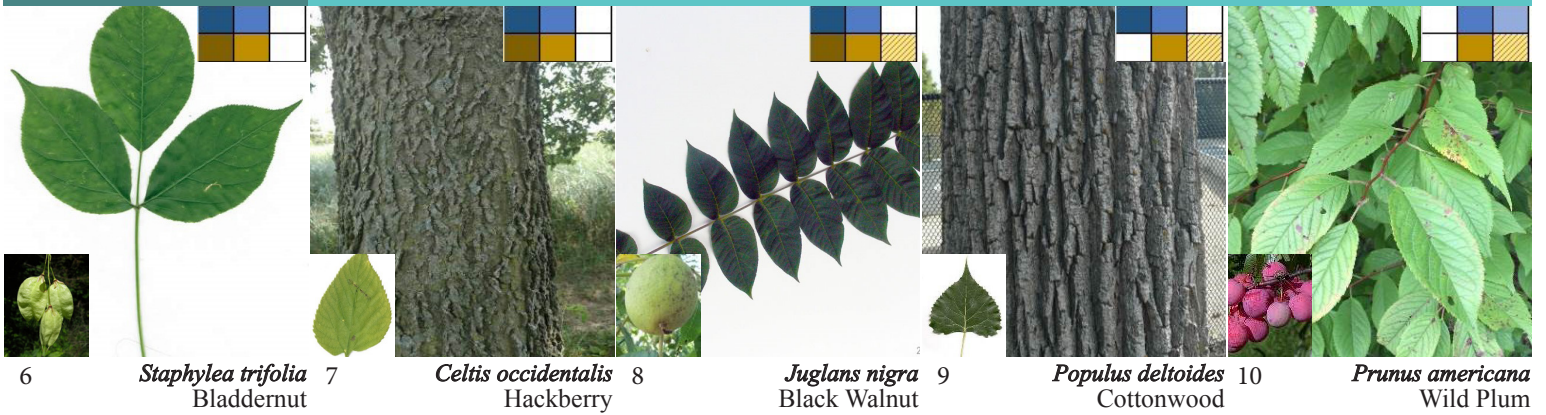
Additional Resources: For help with identifying unknown species we recommend: Newcomb (1989) *Newcomb's Wildflower Guide*; Kurz (2004) *Illinois Wildflowers*; Brown (1992) *Grasses: An Identification Guide*; Wilhelm and Rericha (2017) *Flora of the Chicago Region*

Chicago Park District Rapid Assessment Species

Tree
Opposite leaves



Tree
Alternate leaves

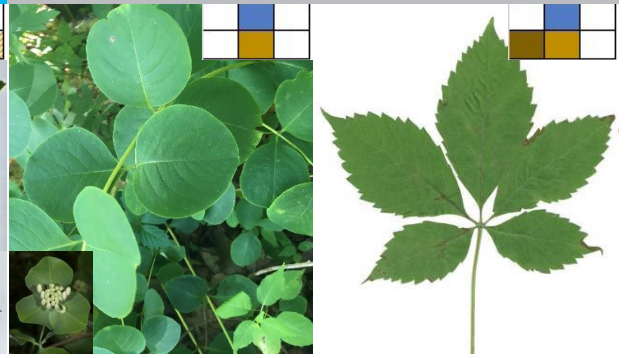


Tree: Opposite Leaves; Tree: Alternate Leaves

Chicago Park District Rapid Assessment Species

Tree
Compound leaves

Vine



21 *Gleditsia triacanthos*
Honey Locust

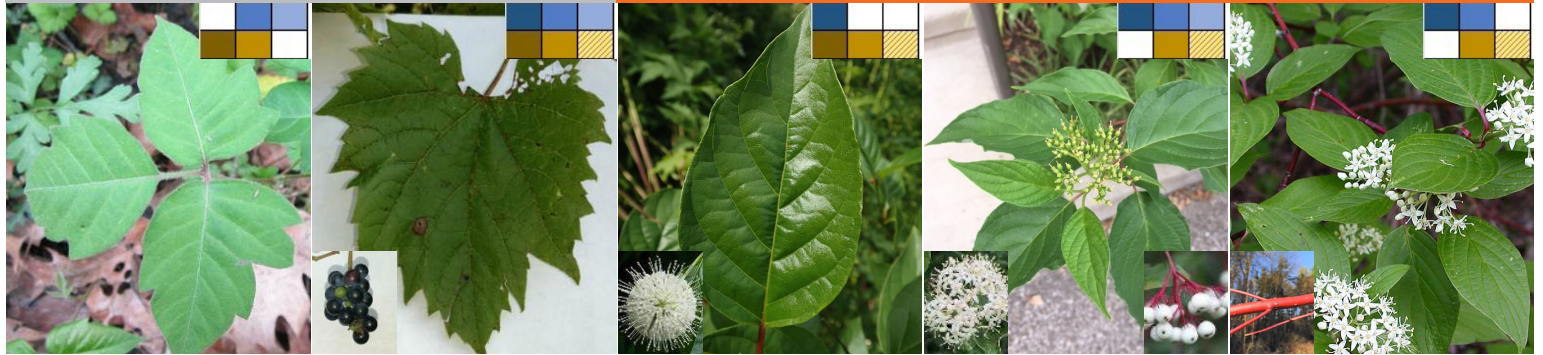
22 *Gymnocladus dioica*
Kentucky Coffee Tree

23 *Zanthoxylum americanum*
Prickly Ash

24 *Lonicera reticulata*
Grape Honeysuckle

25 *Parthenocissus quinquefolia*
Virginia Creeper

Shrub
Opposite leaves



26 *Toxicodendron radicans*
Poison Ivy

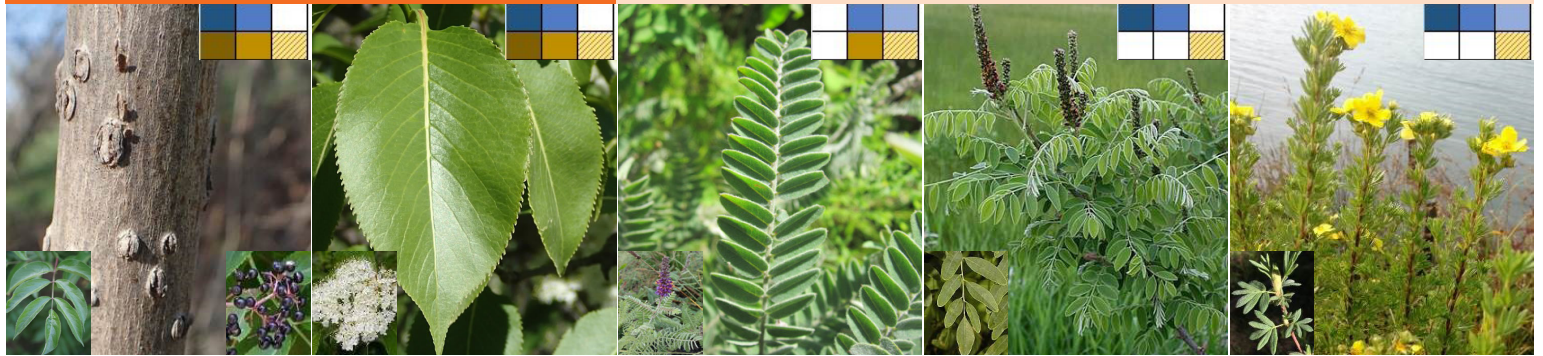
27 *Vitis riparia*
Riverbank Grape

28 *Cephalanthus occidentalis*
Buttonbush

29 *Cornus racemosa*
Grey Dogwood

30 *Cornus sericea*
Red Sticks

Shrub
Compound Alternate leaves



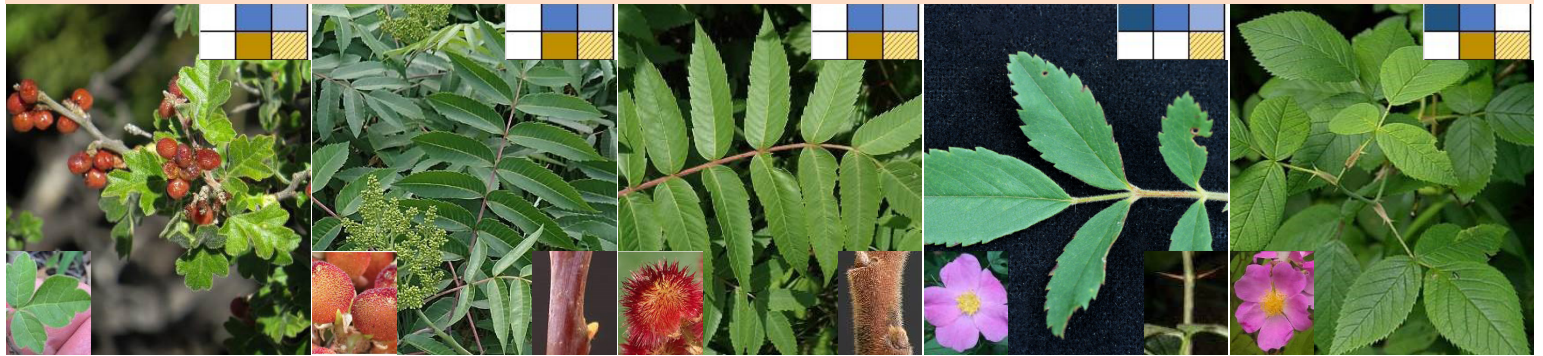
31 *Sambucus canadensis*
Elderberry

32 *Viburnum lentago*
Nannyberry

33 *Amorpha canescens*
Lead Plant

34 *Amorpha fruticosa*
Indigo Bush

35 *Dasiphora fruticosa*
Shrubby Cinquefoil



36 *Rhus aromatica*
Fragrant Sumac

37 *Rhus glabra*
Smooth Sumac

38 *Rhus typhina*
Staghorn Sumac

39 *Rosa carolina*
Pasture Rose

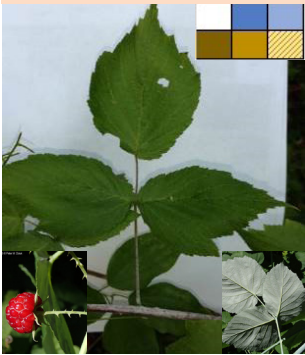
40 *Rosa setigera* sp.
Downy Illinois Rose

Tree: Compound Leaves; Vine; Shrub: Opposite Leaves; Shrub: Compound Alternate Leaves

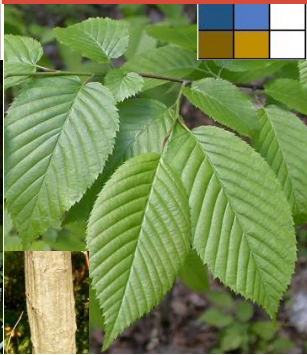
Chicago Park District Rapid Assessment Species

Shrub
Compound Alternate leaves

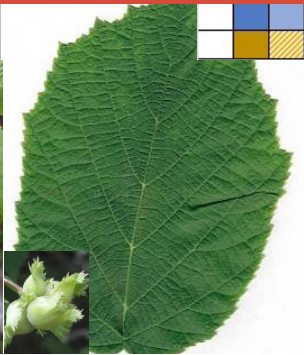
Shrub
Alternate Simple leaves



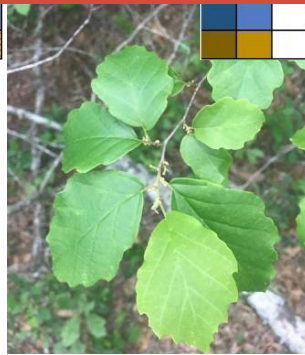
41 *Rubus occidentalis*
Black Raspberry



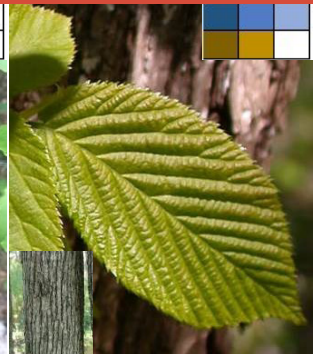
42 *Carpinus caroliniana virginiana*
Blue Beech



43 *Corylus americana*
American Hazelnut



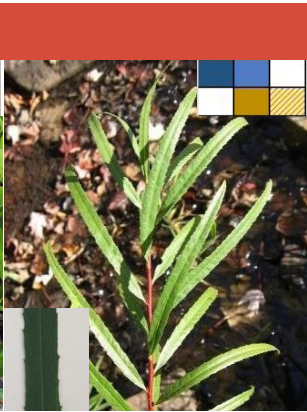
44 *Hamamelis virginiana*
Witch Hazel



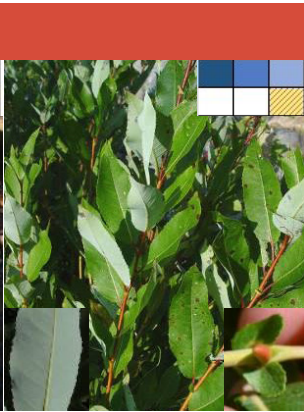
45 *Ostrya virginiana*
Hop Hornbeam



46 *Salix humilis*
Prairie Willow



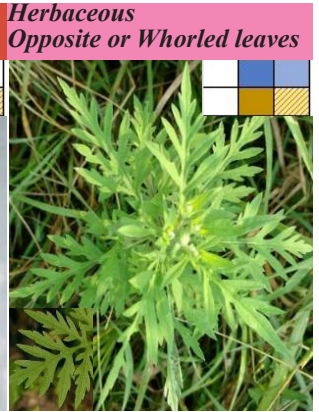
47 *Salix interior*
Sandbar Willow



48 *Salix myricoides*
Blue-Leaved Willow



49 *Salix nigra*
Black Willow



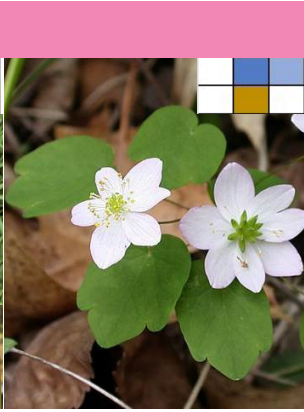
50 *Ambrosia artemisiifolia*
Common Ragweed



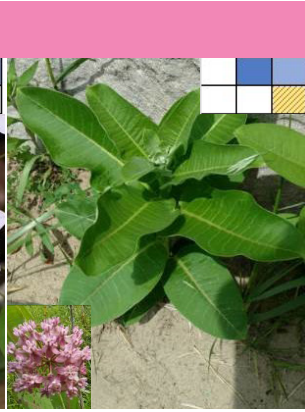
51 *Ambrosia trifida*
Giant Ragweed



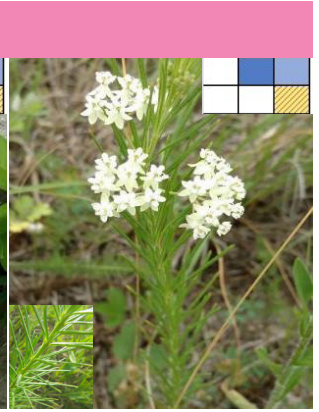
52 *Anemone virginiana*
Eastern Tall Anemone



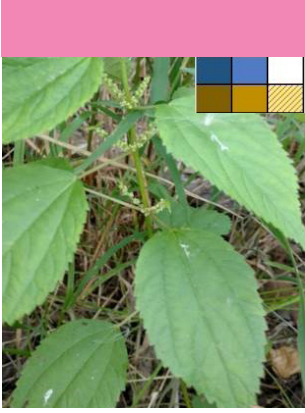
53 *Anemonella thalictroides*
Rue Anemone



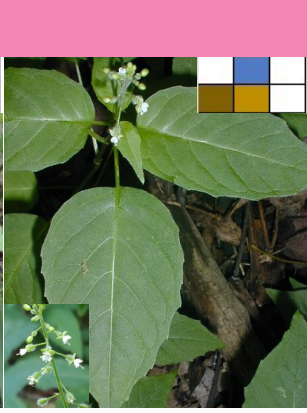
54 *Asclepias syriaca*
Common Milkweed



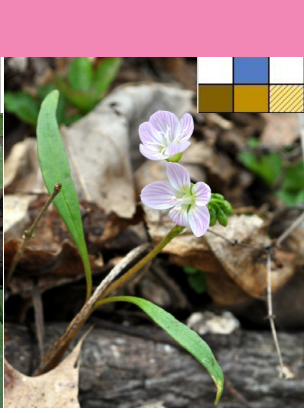
55 *Asclepias verticillata*
Whorled Milkweed



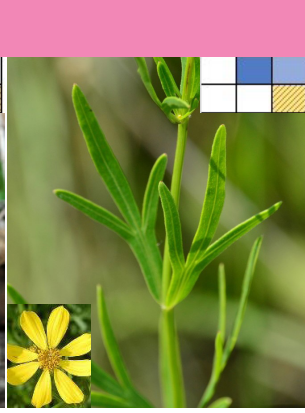
56 *Boehmeria cylindrica*
Swamp False Nettle



57 *Circaea canadensis*
Enchanters Nightshade



58 *Claytonia virginica*
Spring Beauty



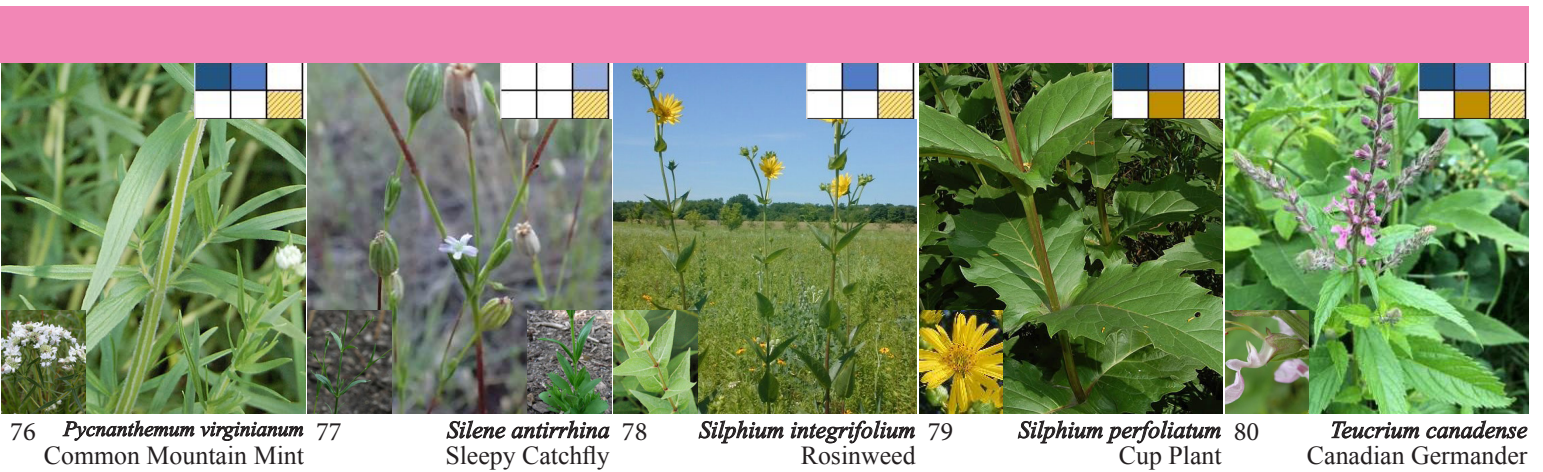
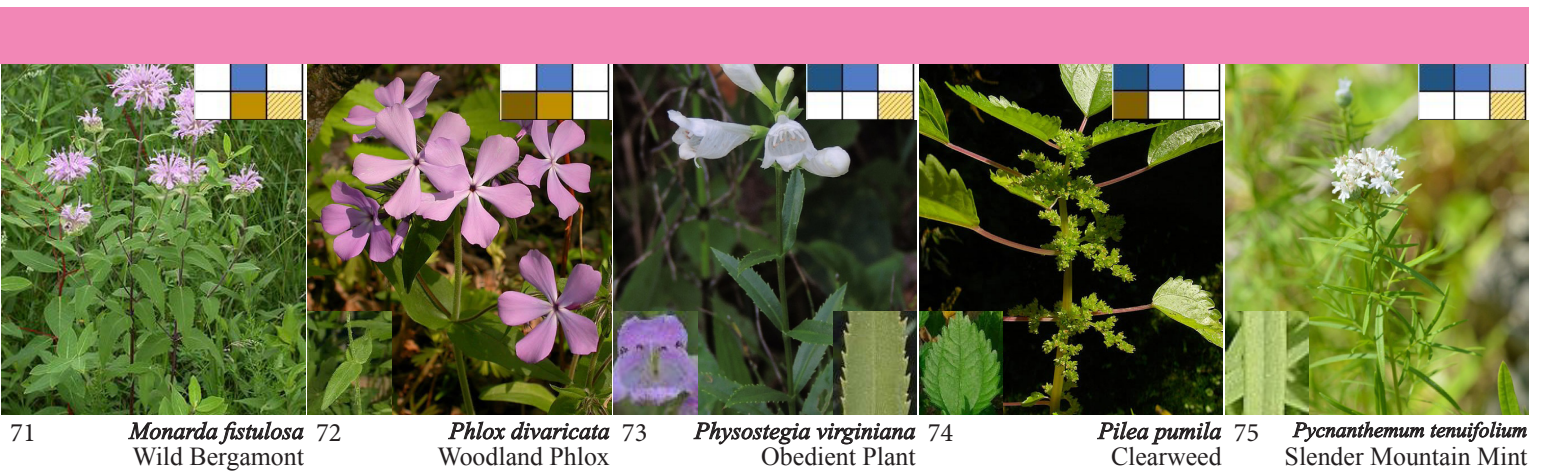
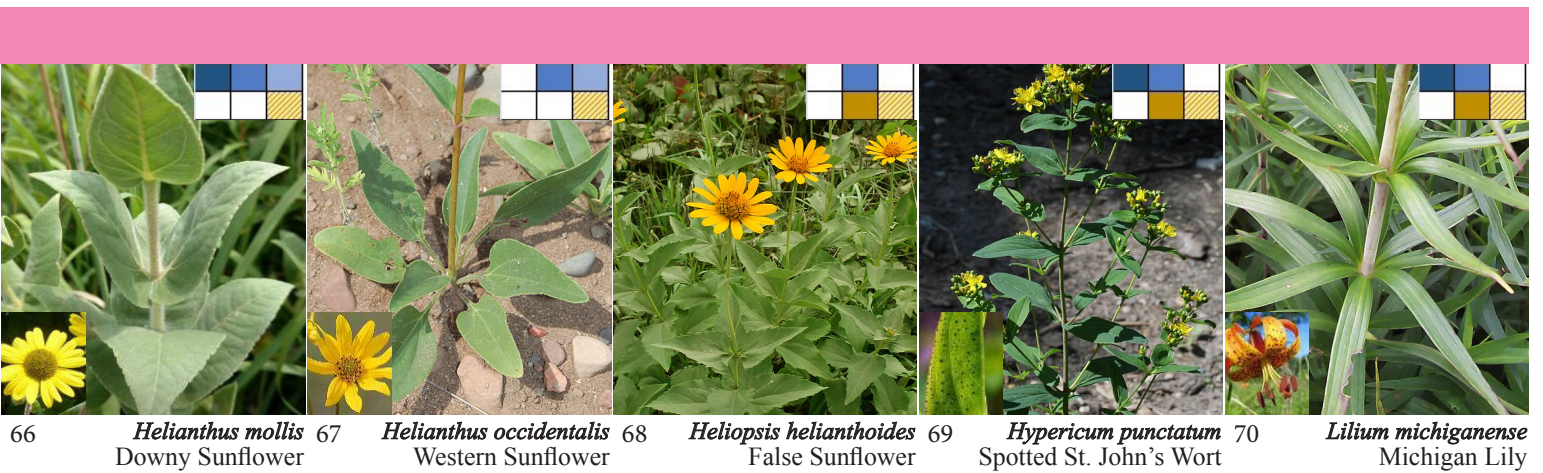
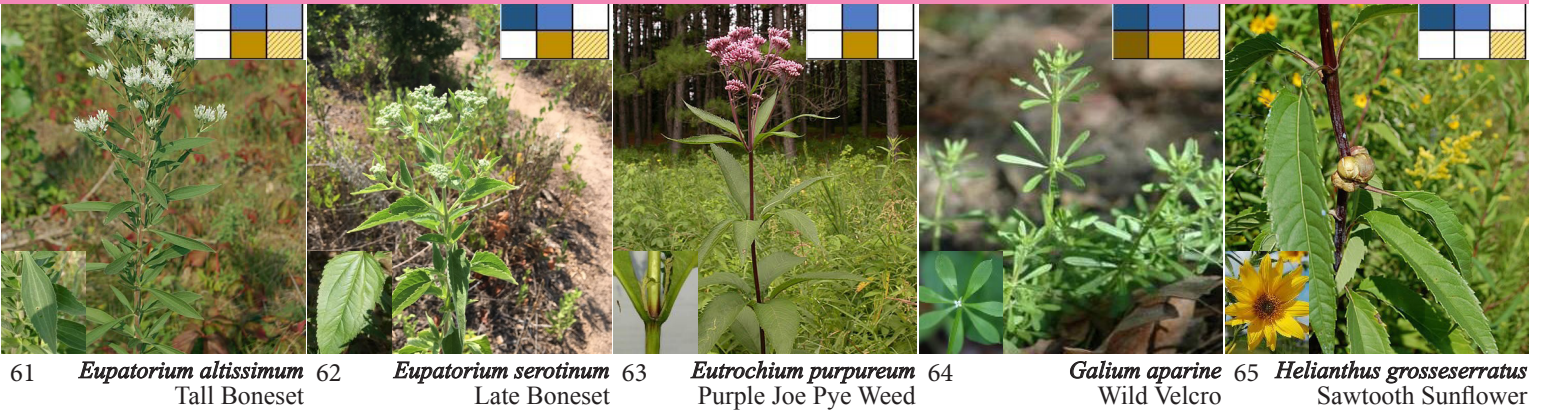
59 *Coreopsis palmata*
Prairie Coreopsis



60 *Coreopsis tripteris*
Tall Coreopsis

Chicago Park District Rapid Assessment Species

Herbaceous
Opposite or Whorled leaves

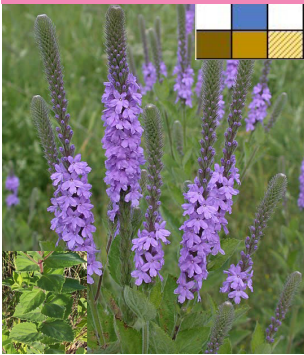


Herbaceous: Opposite or Whorled Leaves (Cont.)

Chicago Park District Rapid Assessment Species

Herbaceous
Opposite or Whorled leaves

Herbaceous
Alternate leaves



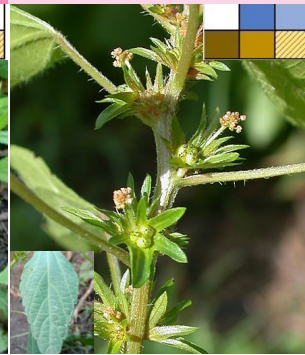
81 *Verbena stricta*
Hoary Vervain



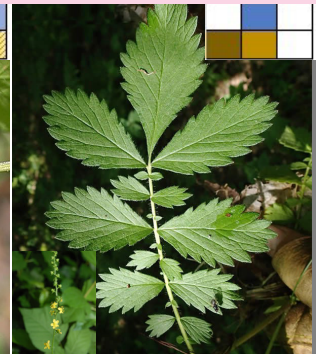
82 *Verbena urticifolia*
Hairy White Vervain



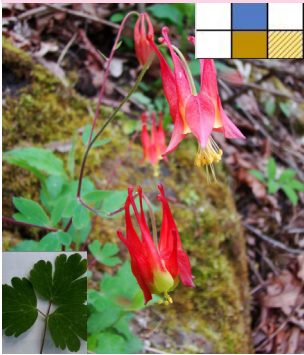
83 *Veronicastrum virginicum*
Culver's Root



84 *Acalypha rhomboidea*
Three-Seeded Mercury



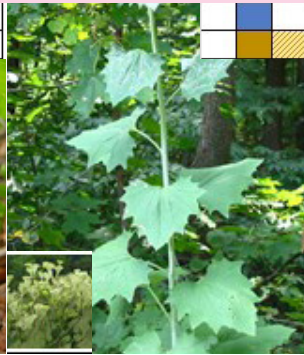
85 *Agrimonia gryposepala*
Tall Agrimony



86 *Aquilegia canadensis*
Wild Columbine



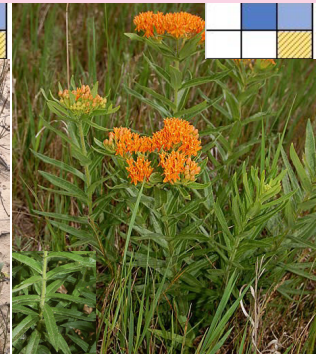
87 *Arisaema triphyllum*
Jack-In-The-Pulpit



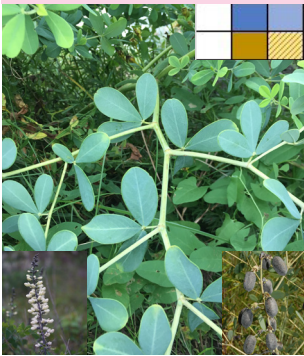
88 *Arnoglossum atriplicifolium*
Pale Indian Plantain



89 *Artemisia campestris*
Beach Wormwood



90 *Asclepias tuberosa*
Butterfly Weed



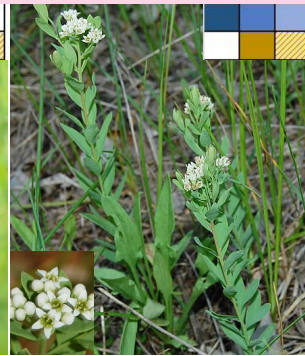
91 *Baptisia lactea*
White Wild Indigo



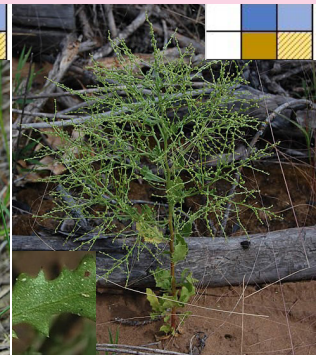
92 *Cicuta maculata*
Water Hemlock



93 *Cirsium discolor*
Pasture Thistle



94 *Comandra umbellata*
False Toadflax



95 *Cycloloma atriplicifolium*
Winged Pigweed



96 *Dalea purpurea*
Purple Prairie Clover



97 *Desmanthus illinoensis*
Illinois Bundleflower



98 *Drymocallis arguta*
Prairie Cinquefoil



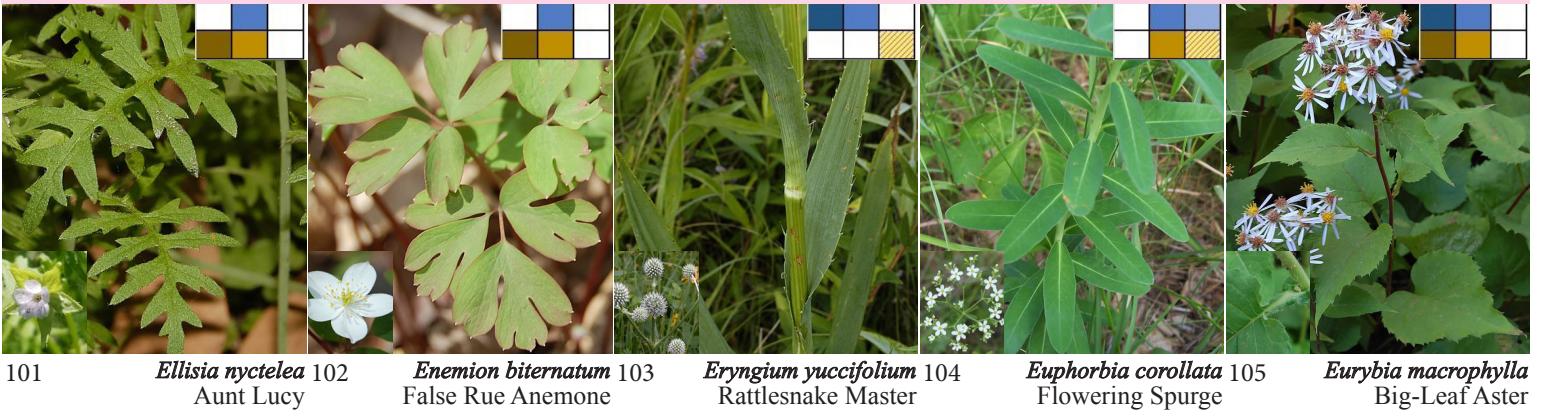
99 *Echinacea pallida*
Pale Purple Coneflower



100 *Echinacea purpurea*
Purple Coneflower

Chicago Park District Rapid Assessment Species

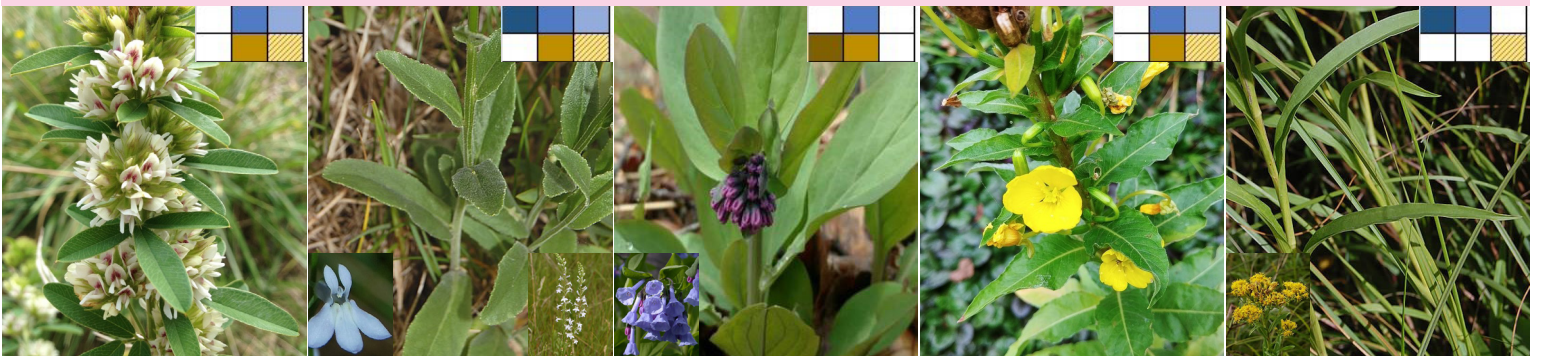
Herbaceous
Alternate leaves



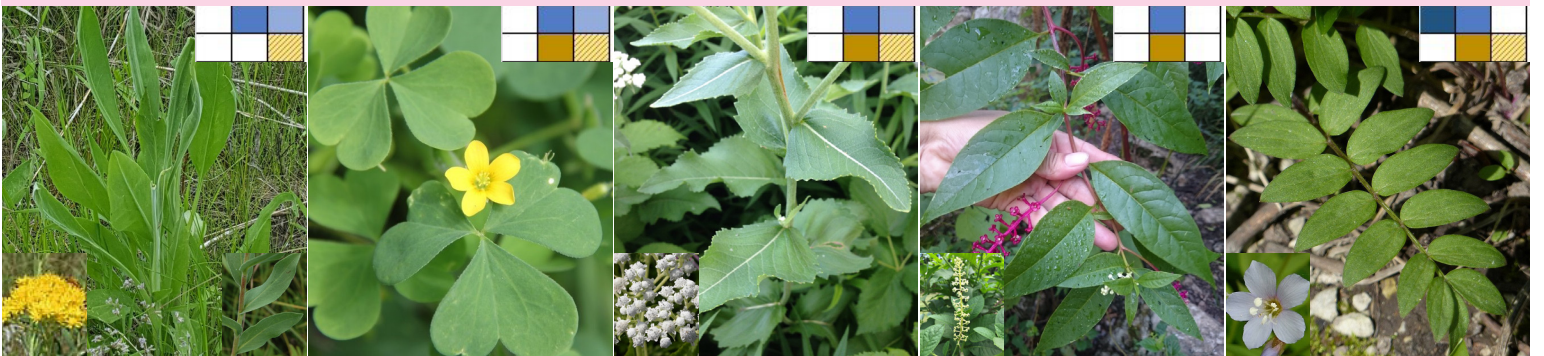
101 *Ellisia nyctelea* Aunt Lucy 102 *Eranium biternatum* False Rue Anemone 103 *Eryngium yuccifolium* Rattlesnake Master 104 *Euphorbia corollata* Flowering Spurge 105 *Eurybia macrophylla* Big-Leaf Aster



106 *Euthamia graminifolia* sp Grass-Leaved Goldenrod 107 *Geum canadense* White Avens 108 *Hackelia virginiana* Stickseed 109 *Heracleum maximum* Cow Parsnip 110 *Impatiens capensis* Orange Jewelweed



111 *Lespedeza capitata* Round-Headed Bush Clover 112 *Lobelia spicata* Pale-Spiked Lobelia 113 *Mertensia virginica* Virginia Bluebells 114 *Oenothera biennis* Common Evening Primrose 115 *Oligoneuron riddellii* Riddell's Goldenrod

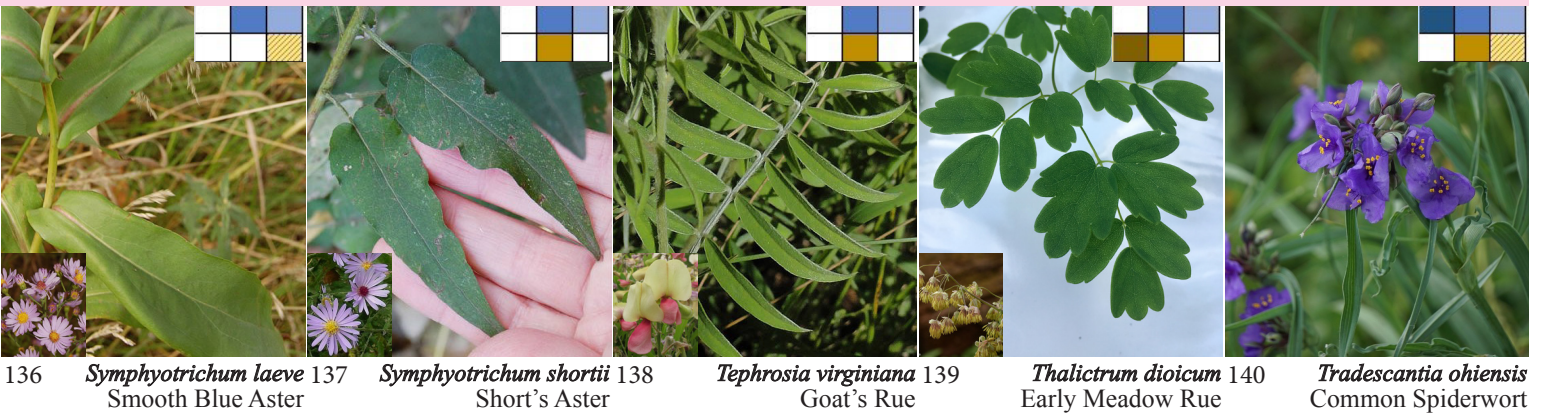
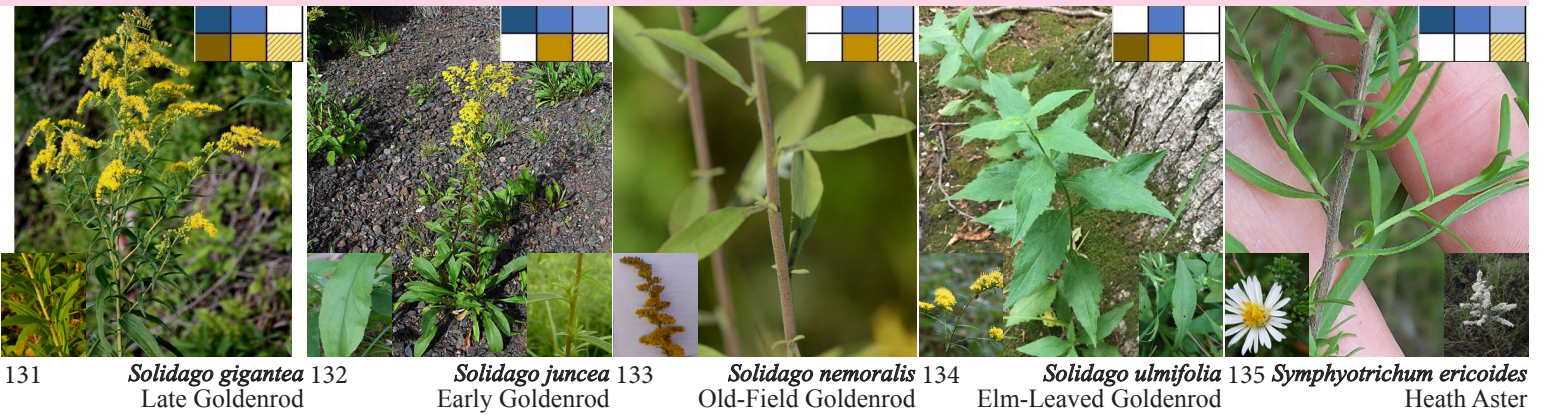
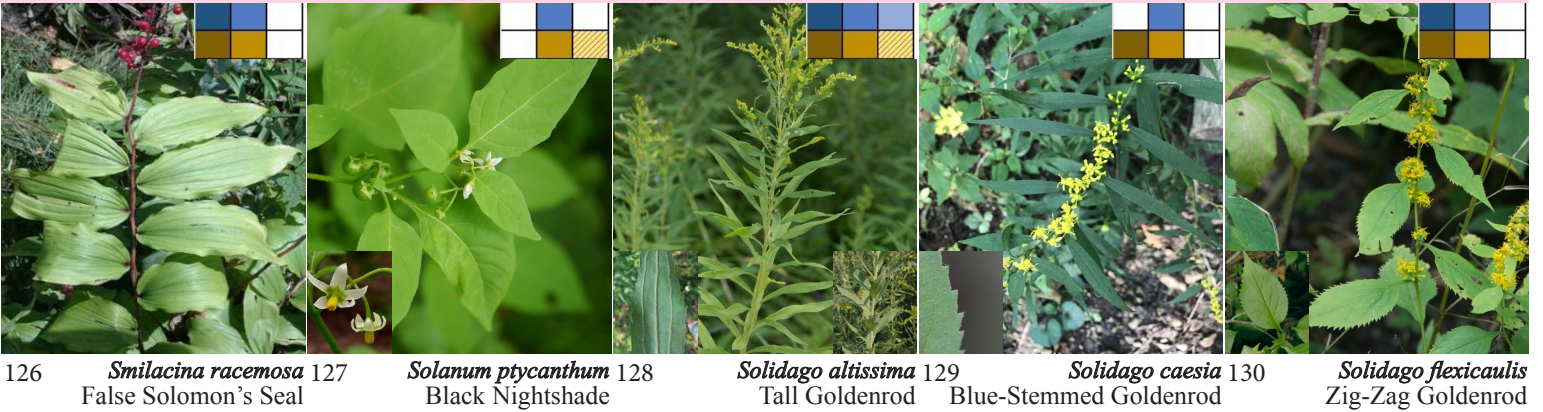
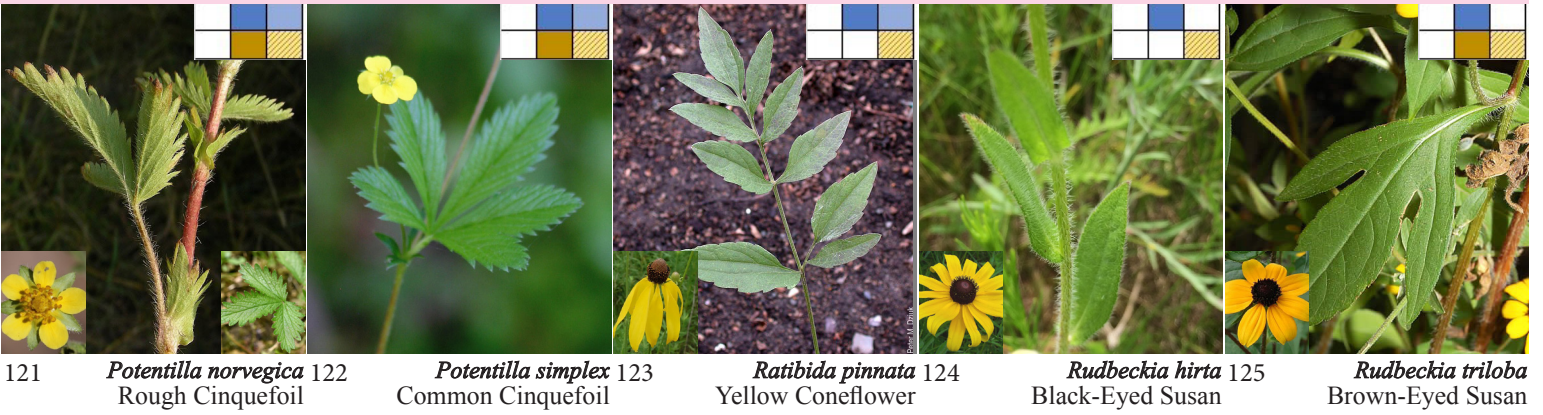


116 *Oligoneuron rigidum* Stiff Goldenrod 117 *Oxalis stricta* Common Yellow Oxalis 118 *Parthenium integrifolium* Wild Quinine 119 *Phytolacca americana* Pokeweed 120 *Polemonium reptans* Jacob's Ladder

Herbaceous: Alternate Leaves (Cont.)

Chicago Park District Rapid Assessment Species

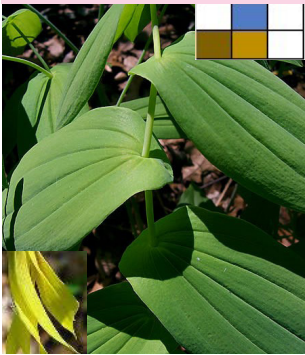
Herbaceous
Alternate leaves



Chicago Park District Rapid Assessment Species

Herbaceous
Alternate leaves

Herbaceous
Basal leaves



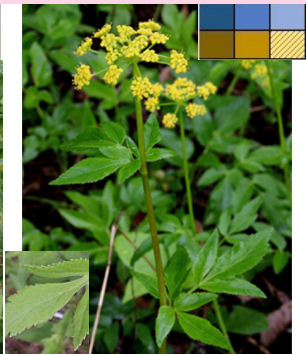
141 *Uvularia grandiflora*
Bellwort



142 *Verbesina alternifolia*
Wingstem



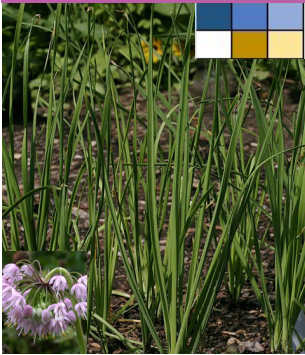
143 *Vernonia fasciculata*
Common Ironweed



144 *Zizia aurea*
Golden Alexanders



145 *Allium canadense*
Wild Garlic



146 *Allium cernuum*
Nodding Wild Onion



147 *Allium tricoccum*
Wild Leek



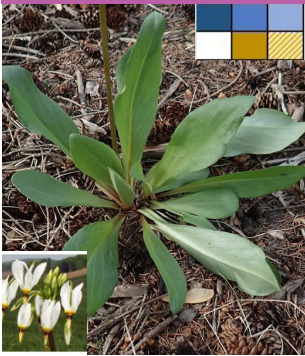
148 *Aralia nudicaulis*
Wild Sarsaparilla



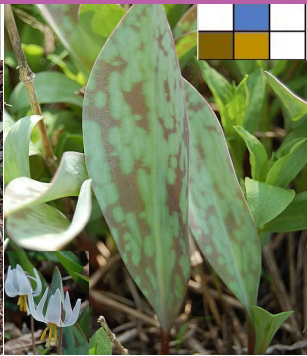
149 *Argentina anserina*
Silverweed



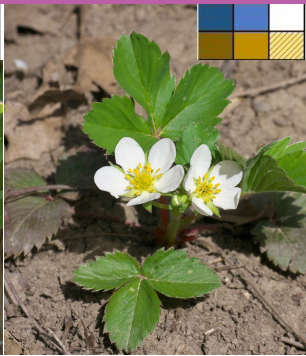
150 *Caltha palustris*
Marsh Marigold



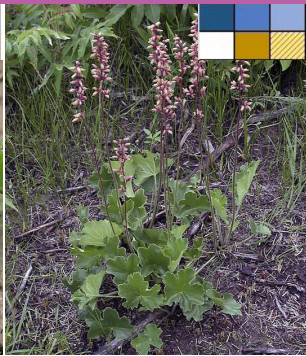
151 *Dodecatheon meadia*
Shooting Star



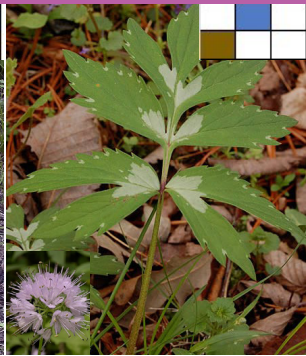
152 *Erythronium albidum*
White Trout Lily



153 *Fragaria virginiana*
Wild Strawberry



154 *Heuchera richardsonii*
Prairie Alum Root



155 *Hydrophyllum virginianum*
Virginia Waterleaf



156 *Pedicularis canadensis*
Wood Betony



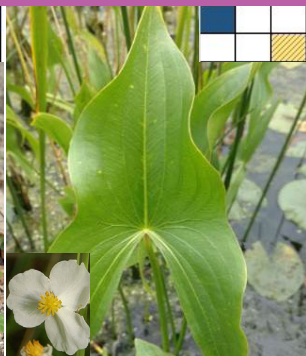
157 *Plantago rugelii*
Red-Stalked Plantain



158 *Pontederia cordata*
Pickerel Weed



159 *Ranunculus abortivus*
Small-Flowered Buttercup

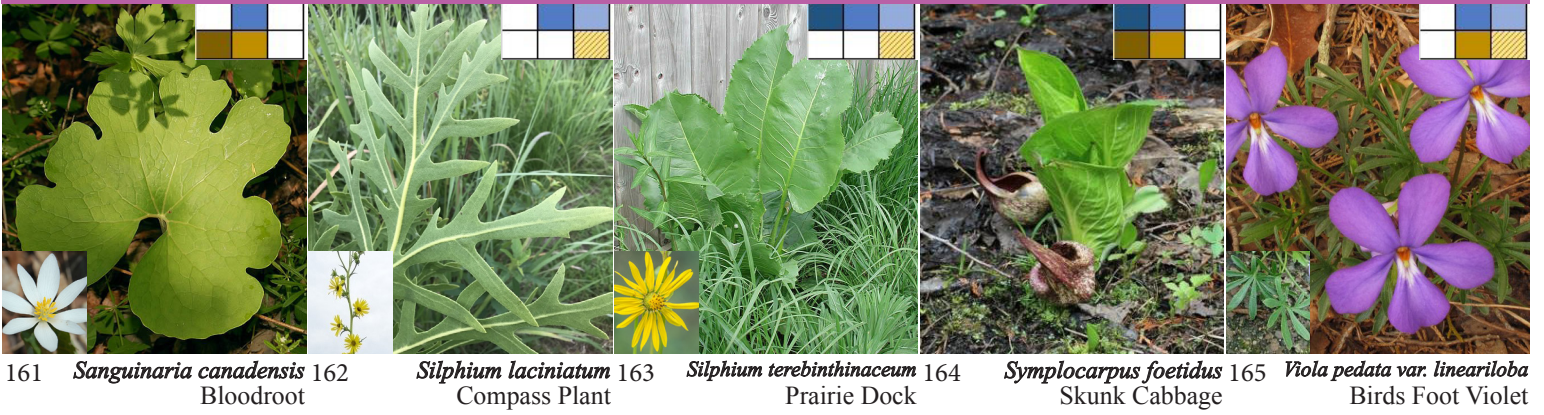


160 *Sagittaria latifolia*
Common Arrowhead

Herbaceous: Alternate Leaves (Cont.); Herbaceous: Basal Leaves

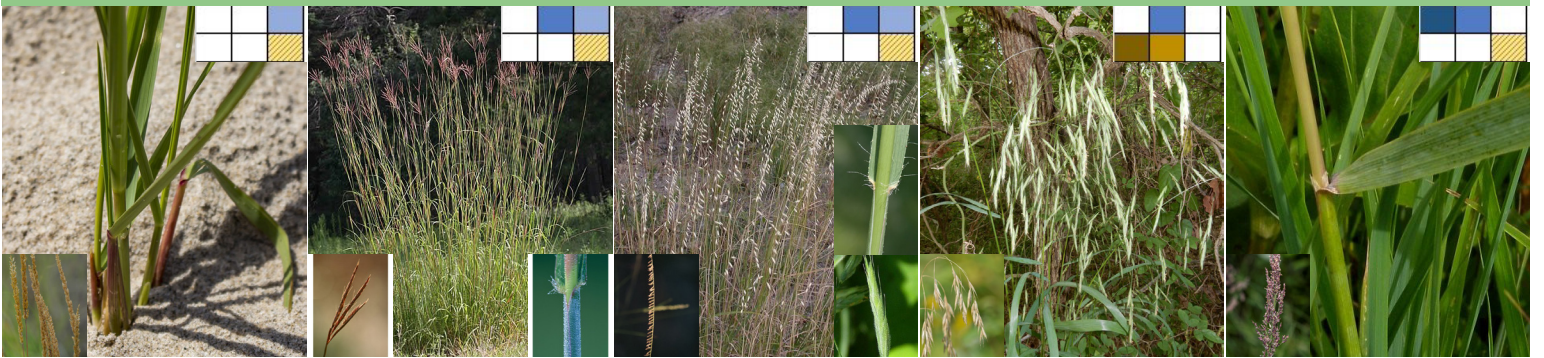
Chicago Park District Rapid Assessment Species

Herbaceous
Basal leaves

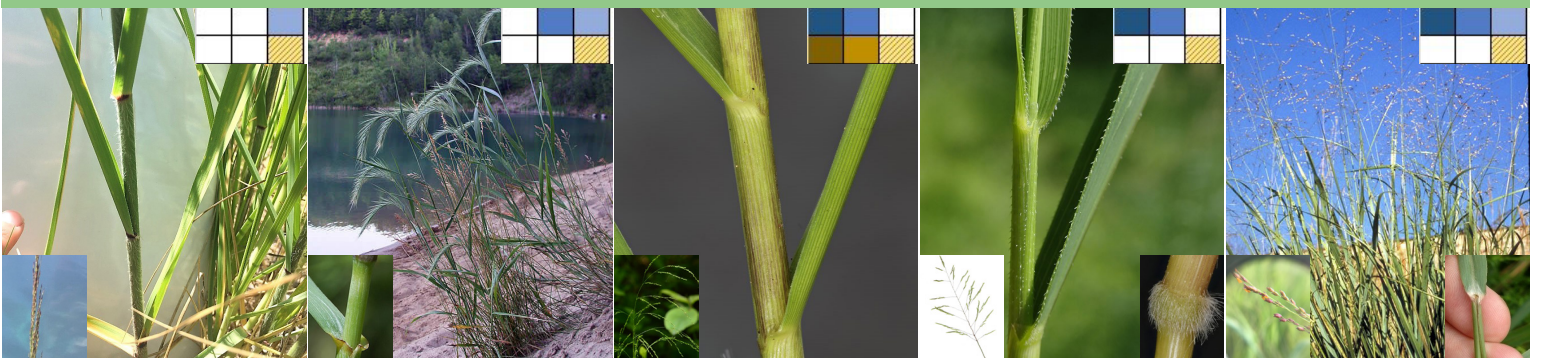


161 *Sanguinaria canadensis* Bloodroot
162 *Silphium laciniatum* Compass Plant
163 *Silphium terebinthinaceum* Prairie Dock
164 *Symplocarpus foetidus* Skunk Cabbage
165 *Viola pedata* var. *lineariloba* Birds Foot Violet

Graminoid
Grasses

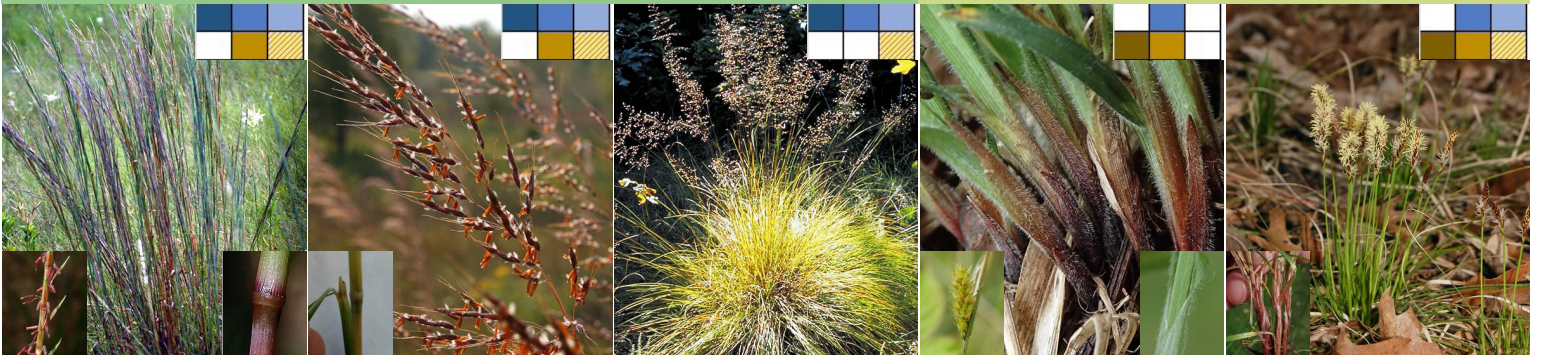


166 *Ammophila breviligulata* Marram Grass
167 *Andropogon gerardii* Big Bluestem
168 *Bouteloua curtipendula* Side-Oats Grama
169 *Bromus pubescens* Woodland Brome
170 *Calamagrostis canadensis* Blue Joint Grass



171 *Calamovilfa longifolia* var. *magna* Sand Reed
172 *Elymus canadensis* Canada Wild Rye
173 *Glyceria striata* Green Fowl Manna Grass
174 *Leersia oryzoides* Rice Cut Grass
175 *Panicum virgatum* Switch Grass

Graminoid
Sedges & Rushes

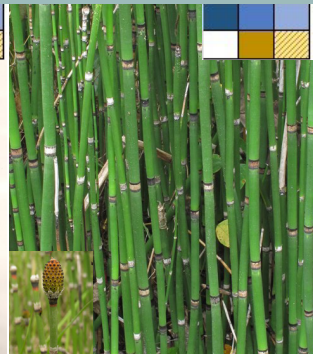
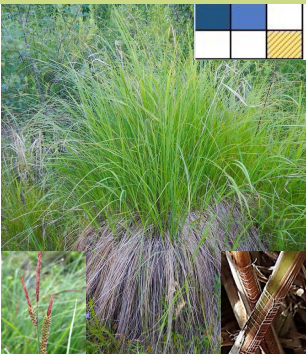


176 *Schizachyrium scoparium* Little Bluestem
177 *Sorghastrum nutans* Indian Grass
178 *Sporobolus heterolepis* Prairie Dropseed
179 *Carex hirtifolia* Hairy Wood Sedge
180 *Carex pensylvanica* Common Oak Sedge

Chicago Park District Rapid Assessment Species

**Graminoid
Sedges & Rushes**

**Ferns
& Fern Allies**



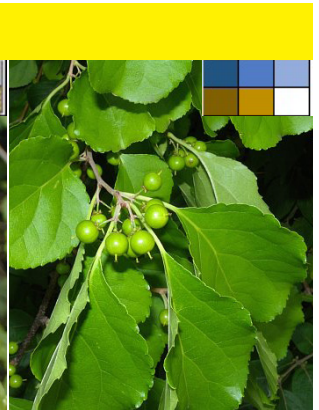
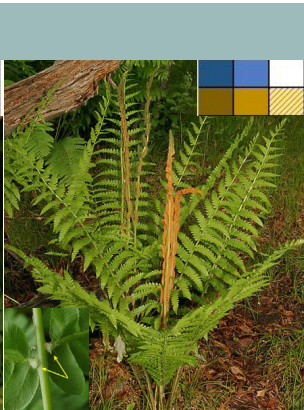
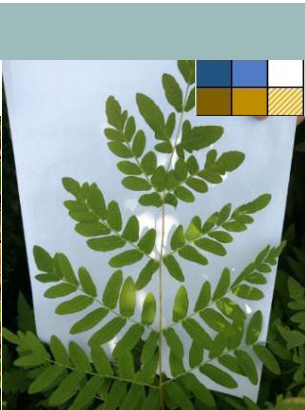
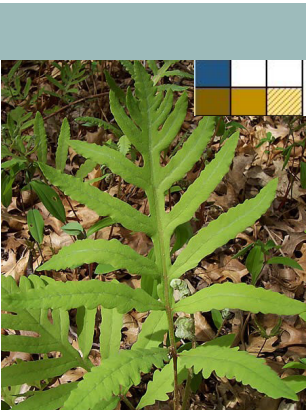
181 *Carex stricta*
Common Tussock Sedge

182 *Juncus balticus*
Lakeshore Rush

183 *Juncus effusus*
Soft Rush

184 *Equisetum arvense*
Horsetail

185 *Equisetum hyemale*
Tall Scouring Rush



186 *Onoclea sensibilis*
Sensitive Fern

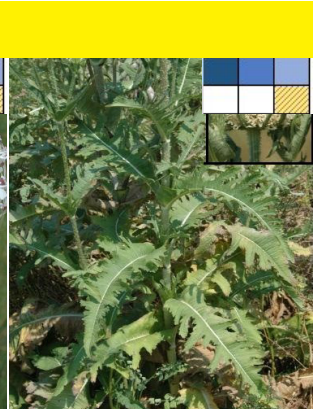
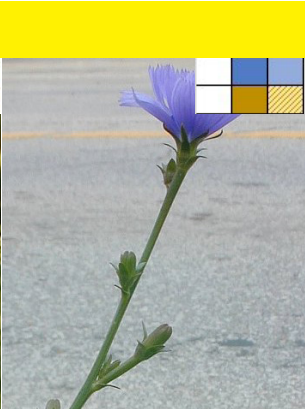
187 *Osmunda spectabilis*
Royal Fern

188 *Osmundastrum cinnamomeum*
Cinnamon Fern

189 *Alliaria petiolata*
Garlic Mustard

190 *Celastrus orbiculatus*
Oriental bittersweet

Invasives



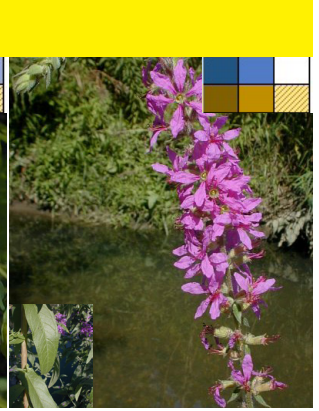
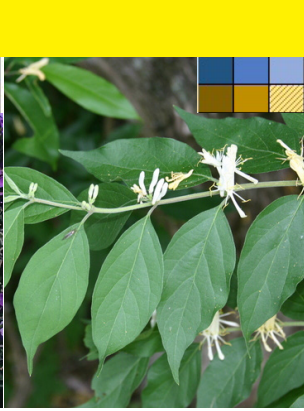
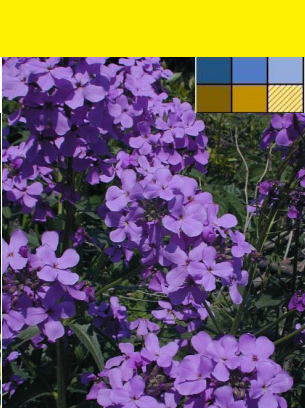
191 *Centaurea maculosa*
Spotted Knapweed

192 *Cichorium intybus*
Chicory

193 *Convolvulus arvensis*
Morning Glory/Field Bindweed

194 *Daucus carota*
Queen Anne's Lace

195 *Dipsacus spp.*
Teasel



196 *Euphorbia esula*
Leafy Spurge

197 *Hesperis matronalis*
Dame's Rocket

198 *Lonicera spp.*
Honeysuckle

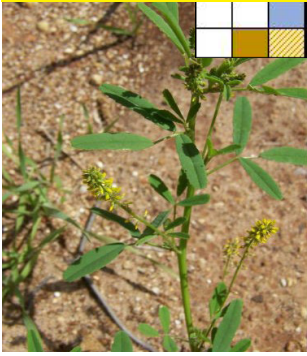
199 *Lotus corniculatus*
Bird's-Foot Trefoil

200 *Lythrum salicaria*
Purple Loosestrife

Graminoid: Sedges & Rushes (Cont.); Ferns & Fern Allies; **Invasives**

Chicago Park District Rapid Assessment Species

Invasives



201 *Melilotus spp.*
Sweet-Clover



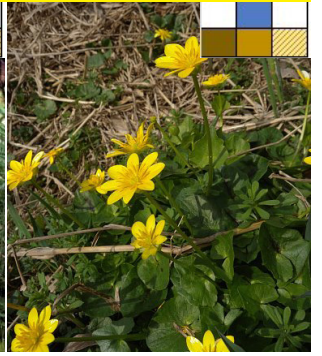
202 *Pastinaca sativa*
Wild Parsnip



203 *Phalaris arundinacea*
Reed Canary Grass



204 *Phragmites australis*
Common Reed



205 *Ranunculus ficaria*
Lesser Celandine

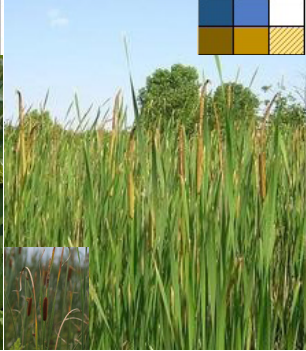
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206 *Rhamnus cathartica*
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207 *Rosa multiflora*
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208 *Typha spp.*
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