

CHAMPLAIN HILLS INDICATORS 1: WOODY PLANTS

● = MOIST-RICH SPECIES

● = DRY-RICH SPECIES

● = DRY SPECIES, NOT NECESSARILY RICH

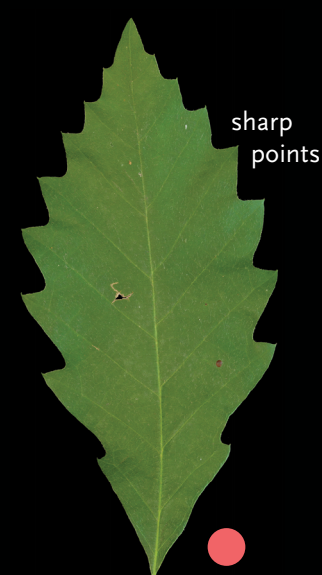
RICH-SITE TREES



Shagbark hickory
Carya ovata



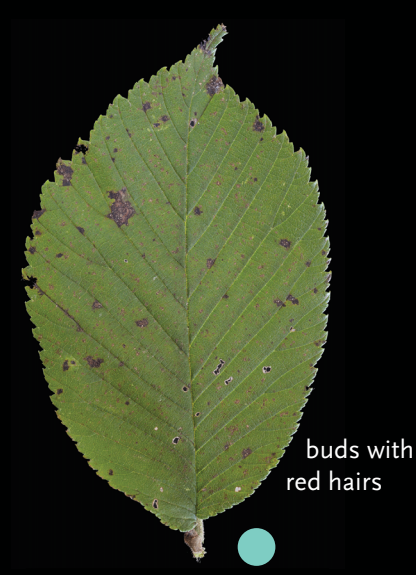
White oak
Quercus alba



Yellow oak
Quercus muehlenbergia



Basswood
Tilia americana



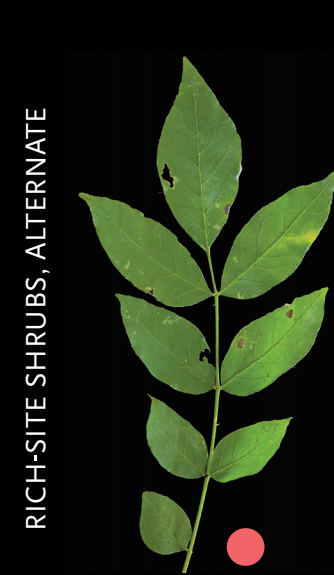
Slippery elm
Ulmus rubra



Hackberry
Celtis laevigata



Red cedar
Juniperus virginiana



Prickly ash
Zanthoxylon americanum

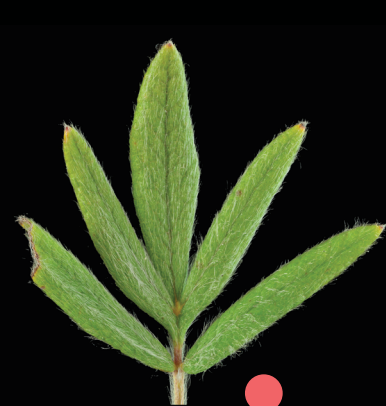
RICH-SITE SHRUBS, ALTERNATE



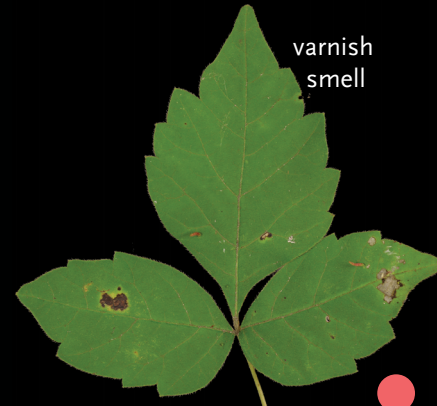
Smooth rose
Rosa blanda



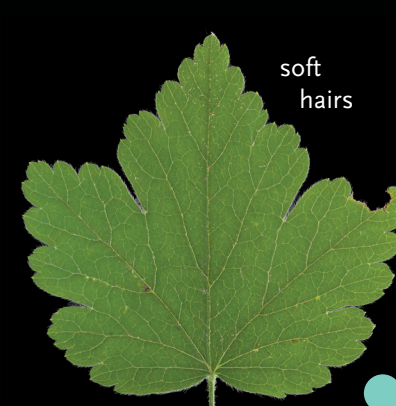
Carolina rose
Rosa caroliniana



Shrubby cinquefoil
Dasiphora fruticosa



Fragrant sumac
Rhus aromatica



Prickly gooseberry
Ribes cynosbati



Round-leaved gooseberry
Ribes rotundifolium



Leatherwood
Dirca palustris



Purple clematis
Clematis occidentalis

RICH-SITE VINE, OPPOSITE

RICH-SITE SHRUBS, OPPOSITE



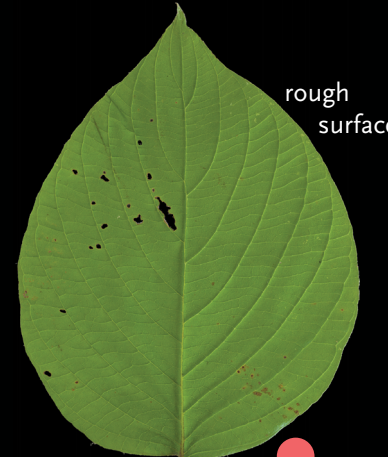
Bladdernut
Staphylea trifolia



Maple-leaved viburnum
Viburnum acerifolium



Rafinesque's viburnum
Viburnum rafinesquianum



Round-leaved dogwood
Cornus rugosa



Limber honeysuckle
Lonicera dioica



Hairy honeysuckle
Lonicera hirsuta



Buffalo berry
Shepherdia canadensis



Snowberry
Symphoricarpos albus

DRY-SITE EVERGREENS



Common juniper
Juniperus communis



Bearberry
Arctostaphylos uva-ursi



Three-toothed cinquefoil
Sibbaldiopsis tridentata

DRY-SITE EDECIDUOUS SHRUBS



Black huckleberry
Gaylussacia baccata



Sweetfern
Comptonia peregrina



Sand cherry
Prunus pumila



New Jersey tea
Ceanothus americanus



Shrubby shadbushes,
Amelanchier spicata
group

CHAMPLAIN HILLS INDICATORS 2:
FERNS AND HERBS WITH COMPOUND LEAVES

● = MOIST-RICH SPECIES ● = DRY-RICH SPECIES ● = DRY SPECIES, NOT NECESSARILY RICH

FERNS & SPIKEMOSS



Maidenhair
Adiantum pedatum



Rusty woodsia
Woodsia ilvensis

hairy
below



Ebony spleenwort
Asplenium platyneuron

leaflets
alternate



Maidenhair spleenwort
Asplenium trichomanes

leaflets
paired



Goldie's fern
Dryopteris goldiana

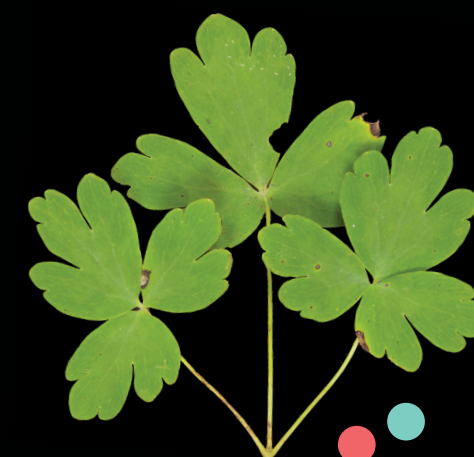
leaves not evergreen

lowest leaflet

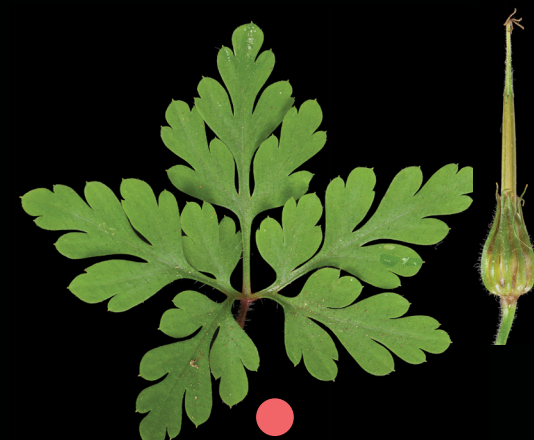


Rock spikemoss
Selaginella rupestris

HERBS WITH COMPOUND LEAVES



Columbine
Aquilegia canadensis



Robert's geranium
Geranium robertianum



Sweet Cicely
Osmorhiza claytonii



Maryland snakeroot
Sanicula marilandica



Thimbleweed
Anemone virginianum

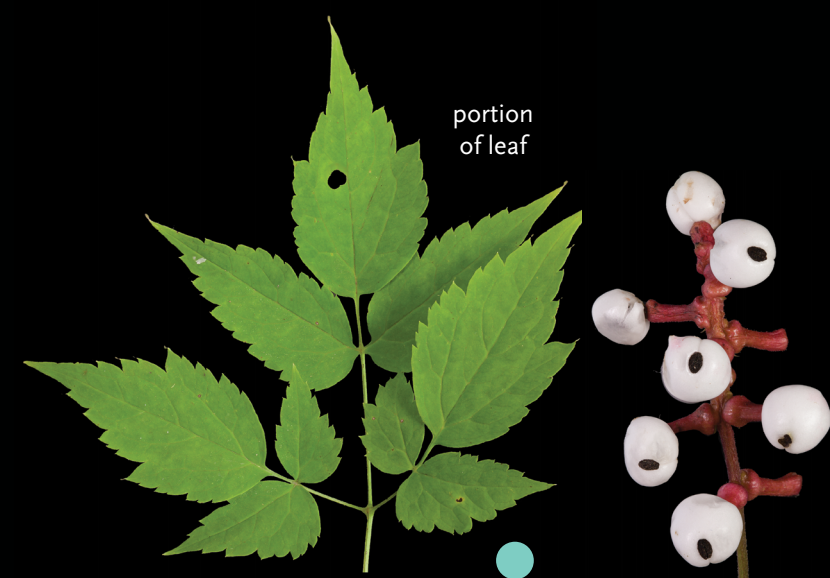


Early meadow-rue
Thalictrum dioicum

portion
of leaf



Barren strawberry
Waldsteinia fragarioides



White baneberry
Actaea pachypoda

portion
of leaf



Blue cohosh
Caulophyllum thalictroides



Bush-clover
Lespedeza violacea



Paniculate tick-trefoil
Desmodium paniculatum



Pointed-leaf tick-trefoil
Desmodium glutinosum



Ginseng
Panax quinquefolius

CHAMPLAIN HILLS INDICATORS 3:
HERBS WITH SIMPLE LEAVES

● = MOIST-RICH SPECIES ● = DRY-RICH SPECIES ● = DRY SPECIES, NOT NECESSARILY RICH

LOBED LEAVES



Sharp-lobed hepatica
Hepatica acutiloba

●



Round-lobed hepatica
Hepatica americana

●

OPPOSITE LEAVES



White snakeroot
Eupatorium rugosum

●



Lopseed
Phryma leptostachya

●



great
big leaves



Horse gentian
Triosteum aurantiacum

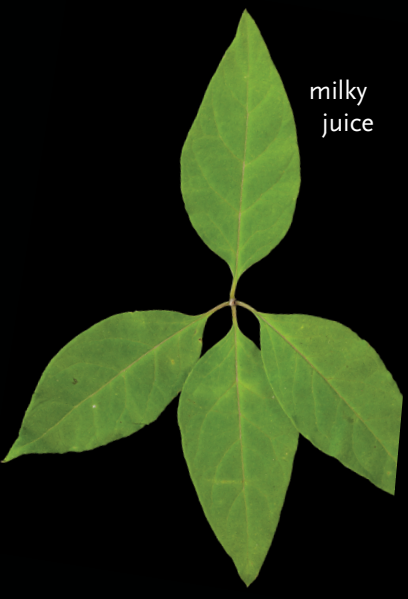
●



Woodland sunflower
Helianthus divaricatus

●

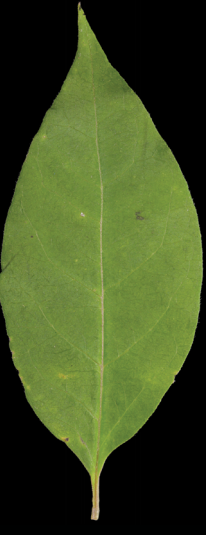
WHORLED LEAVES



milky
juice

Four-leaved milkweed
Asclepias quadrifolia

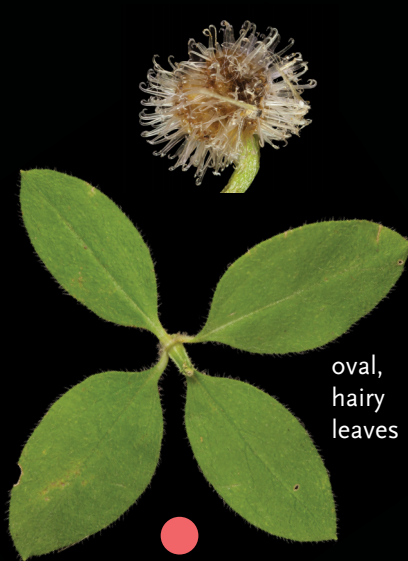
●



needle
points

Three-flowered bedstraw
Galium triflorum

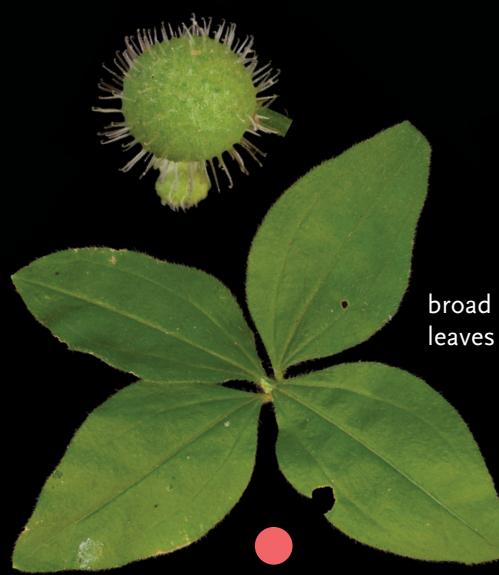
●



oval,
hairy
leaves

Hairy bedstraw
Galium pilosum

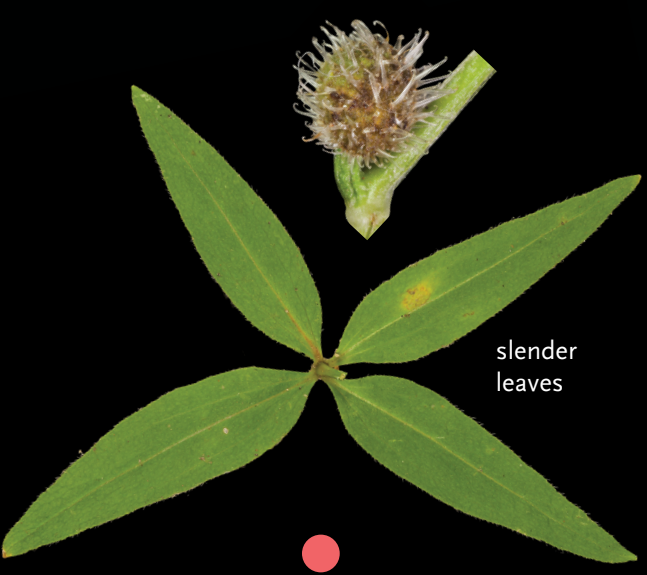
●



broad
leaves

Wild liquorice 1
Galium circaezans

●



slender
leaves

Wild liquorice 2
Galium lanceolatum

●



BASAL ROSETTES OR SOLITARY BASAL LEAVES



no
hairs

Missouri rockcress
Arabis missouriensis

●



multi-
branched
hairs

Lyre-leaved rockcress
Arabis lyrata

●



lower leaf

Harebell
Campanula rotundifolia

●



upper
leaf

●



Plantain-leaved pussytoe
Antennaria plantaginifolia

●

●

●



three
strong
veins



Obovate ragwort
Senecio canadensis

●



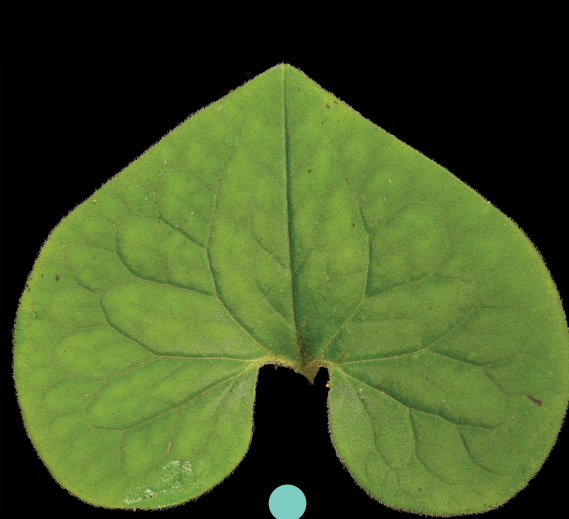
Early saxifrage
Saxifrage virginiensis

●

CHAMPLAIN HILLS INDICATORS 4: MORE HERBS

● = MOIST-RICH SPECIES ● = DRY-RICH SPECIES ● = DRY SPECIES, NOT NECESSARILY RICH

BASAL, HEART-SHAPED LEAVES



Wild ginger
Asarum canadense



Foam flower
Tiarella cordifolia

WITH MOSTLY STEM LEAVES



Toadflax
Commandra umbellata



veins
obscure



Large-seeded goosefoot
Chenopodium simplex



Douglas's knotweed
Polygonum douglasii

sheathing
bases



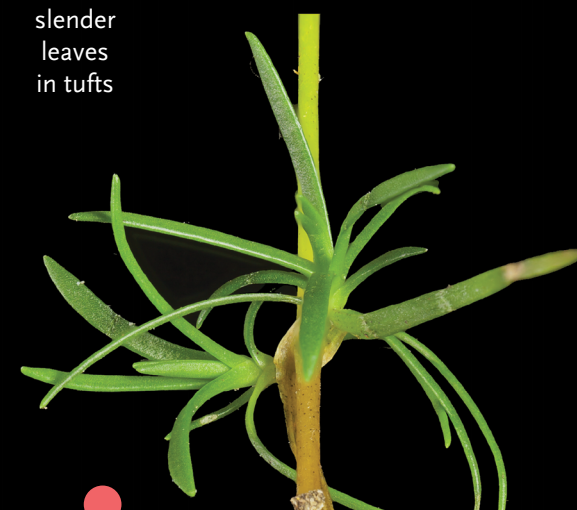
few
tiny
teeth

Canada rockcress
Arabis canadensis



slender
leaves
in tufts

Stiff sandwort
Arenaria stricta



ASTERS AND GOLDENRODS



sharp
teeth

White wood aster
Aster divaricatus



furry

winter
leaf



soft
hairs

Wavy aster
Aster undulatus



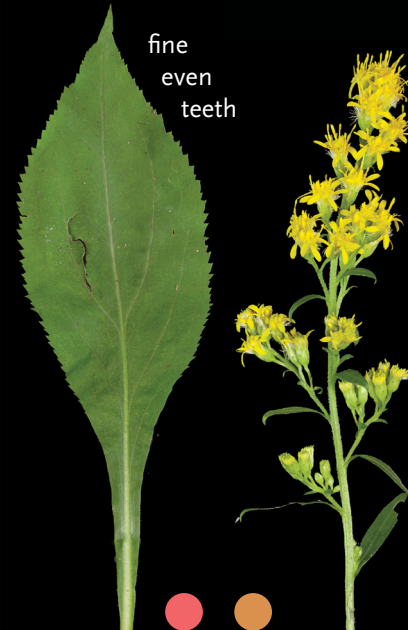
few
sharp
teeth

Blue-stemmed goldenrod
Solidago caesia



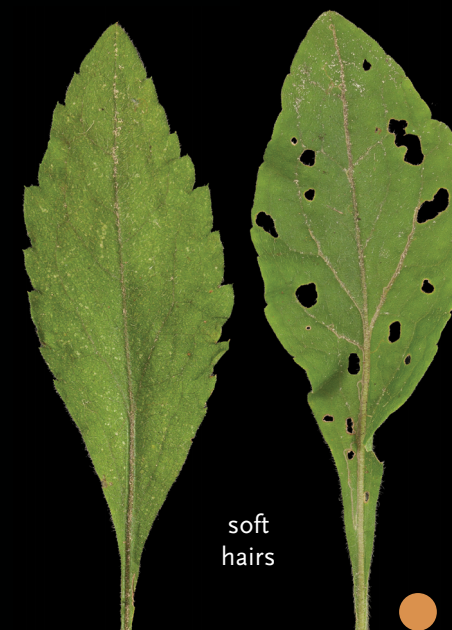
long
sharp
teeth

Zig-zag goldenrod
Solidago flexicaulis



fine
even
teeth

Cutleaved goldenrod
Solidago arguta



soft
hairs

Silverrod
Solidago bicolor



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