A LAYMAN'S GUIDE TO SUMMER WILDFLOWERS

AT THE

FITZGERALD LAKE CONSERVATION AREA

compiled by

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INTRODUCTION

Over the past several years, I've become ever more intrigued by the succession of wildflowers that appear in the spring, summer and even fall. The Fitzgerald Lake Conservation Area affords an abundance of these wonderful plants and I started taking my camera along on hikes to try to capture their fleeting beauty. This in turn inspired me to share my photos with others in a context that relates some basic information about the flowers, their growth, their habitat and their reproduction. I've become particularly interested in the folklore associated with these plants and their use for food or medicinal purposes. I hope that this brief guide will help you to identify a sampling of the many summer wildflowers, along with a few shrubs, that grow along the paths and in the woods and pastures of the FLCA. I confess that they are my favorites and the ones I look for every year; I realize that my coverage is patchy and that there are many others that merit inclusion. Furthermore, all are native to New England except Queen Anne's Lace and Common St. John's-wort which are European imports. The photos were taken by me at the FLCA or on abutting land, but all can be found within the FLCA. The present collection of flower descriptions follows a similar guide to spring wildflowers that I compiled last year. Common, family, genus and specific names follow those in Go Botany web site (see Sources). I am greatly indebted to Connie Parks for looking over preliminary versions of this guide and for offering numerous suggestions and corrections; while errors may persist, they are mine.

> Bob Zimmermann July 2018

TERMINOLOGY

Although I have tried to keep the plant and flower descriptions nontechnical, there are a few terms in the text that need a bit of explanation. Annuals and biennials are plants that complete their life cycles within one or two years, respectively, while perennials continue to grow and reproduce for three or more years; most New England wildflowers are perennials. Petals and sepals are both modified leaves. Petals, which surround the reproductive apparatus of the flower and are often brightly colored to attract pollinators, are in turn surrounded by sepals, which cover the flower bud; though often green, sepals are sometimes colored and resemble petals in which case they are called tepals. Bracts, yet another modified leaf type, are usually located at the base of a flower, and are generally green. In members of the arum family, such as skunk cabbage and jack-in-the-pulpit, a spike of tiny flowers are borne on a structure called a spadix, enclosed by large, thick bracts Some leaves are arranged, in pairs, opposite to one another, while others occur singly in an alternate fashion, along the stem. Still others form a whorl of three or more leaves, circling the stem. The base of some leaves clasp, or entirely surround, the stem. Leaf characteristics can often be quite helpful in identification. The reproductive parts of a flower are known as the pistil, which contains the ovary, and the filamentous stamen, which produces pollen containing the male gametes. Seeds are packaged in a fruit, including capsules or follicles that split open to release the seeds at maturity and fleshy berries or drupes that are often consumed and dispersed by animals (and humans!). The underground parts of perennials, such as rhizomes, tubers, corms and bulbs, store nutrients to promote regrowth of the plant in spring or summer and in many cases account for asexual reproduction. Rhizomes are modified, fleshy stems that grow horizontally underground and contain multiple buds that can give rise to new plants; these structures account for the spread of many wildflowers (and are responsible for the invasiveness of numerous non-native plant species). Tubers, also derived from stem tissue, are enlarged, fleshy structures with buds scattered over their surface from which shoots (and roots) develop. Corms are solid structures that form at the stem base and generally produce a single bud or shoot, while true bulbs consist primarily of modified leaves with many layers, like an onion, and a single bud from which the plant develops.

SWAMP MILKWEED

(Asclepias incarnata)



Family: Apocynaceae (Dogbane)

Height:: 2-6'

Leaves: Up to 4" long, opposite, lanceolate

Stem: Often multiply branched; hairy,

exudes white, milky sap when cut

Flowers: ½" wide, 5 petals, pink, clustered at

top of stem

Fruit: 2-4" long pod; splits open when ripe

Flowering: June-August

Habitat: Wetlands, including marshes,

swamps, river or lake shores

FLCA Location: Boardwalk

<u>Pollination</u>: Moths, butterflies, bumblebees

Name: Asclepius is derived from the name of

the Greek god of medicine; incarnata

means 'flesh-colored' (Lat.)

<u>Folklore</u>: Roots used for medicinal purposes by

many Native American tribes; some consumed the flowers while others made thread, fishing line and twine

from stem fibers

FRINGED YELLOW-LOOSESTRIFE

(Lysimachia ciliata)



Family: Myrsinaceae (Marlberry)

Height:: 1-4'

Leaves: 2-5" long, opposite, oval; leaf stalk

fringed with spreading hairs

Flowers: 3/4" wide, 5 petals, yellow, finely

toothed, each with pointed tip; often

nodding downward

Seeds: ½" wide, roughly spherical capsule;

splits open when ripe, releasing seeds

Flowering: June-August

Habitat: Wetland edges, floodplains, meadows,

moist woods

FLCA Location: Boardwalk

Pollination: Bees, specifically Macropsis labiata

Name: Possibly from King Lysimachus of

Sicily. (Unrelated to the invasive purple

loosestrife, Lythrum salicaria)

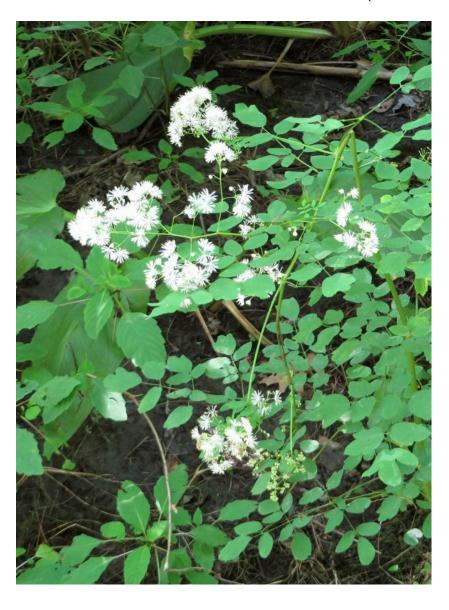
<u>Folklore</u>: The name loosestrife comes from an

old belief that certain plants could calm agitated animals (loosen their strife), such as the oxen used for farm work; leaves used to stanch bleeding and aid

in healing of wounds

TALL MEADOW-RUE

(Thalictrum pubescens)



Family: Ranunculaceae (Buttercup)

Height:: 2-8'

Leaves: Compound, consisting of two or more,

3-lobed leaflets, each 1" long

Flowers: 1/3" wide, clustered, each consisting of a

"starburst" of white stamens; lacks petals

Fruit: ~1/6" long elliptical achene with one seed

Flowering: June-August

Habitat: Swamps, wetlands, meadows

FLCA Location: Marsh next to boardwalk

Pollination: Bees and butterflies

Name: The specific name *pubescens* refers

to downy hairs on stem (from Lat., *pubens*); also, king of the meadow,

muskrat weed

Folklore: This plant was used in diverse ways by

different groups of Native Americans: the Iroquois used it to treat nosebleeds and gall problems while further north in Quebec, the Montagnais (Innu) are said to have used the leaves as spice

for salmon

MAPLE-LEAVED VIBURNUM

(Viburnum acerifolium)



Family: Adoxaceae (Moschatel)

Height:: 3-6'

Leaves: 2-5" long, opposite, three-lobed

(maple-like), hairy, toothed

Stem: Woody (shrub)

Flowers: 1/4" wide, 5 petals, white, in 2-3"

nearly flat clusters

Fruit: Blue-black, berry-like drupes, each

containing a single seed

Flowering: June-July

Habitat: Understory of hardwood forests,

especially maple-beech forests

FLCA Location: Scattered throughout

Reproduction: Seeds and rhizomes

Name: Viburnum said to be of Etruscan

origin; acerifolium mean maple-

leaved (Lat.)

Note: The leaves of this shade-tolerant

shrub turn a lovely and unique mauve

color in the autumn

ONE-FLOWERED INDIAN-PIPE

(Monotropa uniflora)



Family: Ericaceae (Heath)

Height:: 3-6"

Leaves: Scale-like, clasp stems

Stem: Waxy, translucent, white

Flowers: ½-1" long, 4-5 petals, white;

nodding, one flower per stem

Fruit: 1/4-1/2" long egg-shaped capsule

Flowering: June-September

Habitat: Rich woodland soil (humus)

FLCA Location: Throughout woods, trailsides

Name: Monotropa (Grk.) means 'one turn,'

referring to bend at top of stem; uniflora (Lat.) means one-flowered; also, corpse plant (black when dried)

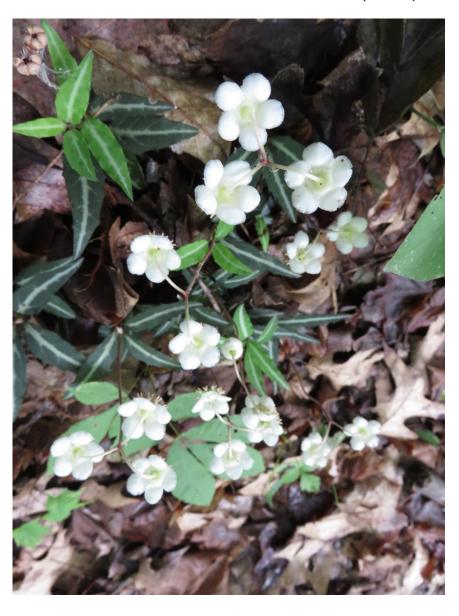
Notes: This unusual plant is saprophytic, i.e.,

it lacks chlorophyll and cannot carry out photosynthesis, but is nourished by decayed organic material in the soil with the help of fungi that associate with tree roots, often oaks or pines; considered a parasite; used by Native

Americans as an analgesic

SPOTTED WINTERGREEN

(Chimaphila maculata)



Family: Ericaceae (Heath)

Height:: 3-9"

Leaves: ³/₄-2³/₄" long, whorled, lanceolate,

white stripe along midvein, evergreen

Flowers: ²/₃" wide, 5 petals, white, waxy,

nodding

Fruit: 1/4-3/8" capsule, brown; splits open

when ripe releasing many tiny seeds

Flowering: June-August

Habitat: Dry woodlands

FLCA Location: Throughout forested areas, Lakeside

Trail

Pollination: Bumblebees

Name: Chima from 'winter' and phila from 'to

love' (Grk.); also spotted prince'spine, striped wintergreen, pipsissewa

Folklore: Used by Native Americans for a wide

variety of illnesses; known for its antiseptic, analgesic and diuretic properties; a tea made from leaves was used to treat digestive problems

DWARF GINSENG

(Panax trifolius)



Family: Araliaceae (Ginseng)

Height:: 4-8"

Leaves: 1-1½" long, whorled; compound, with

3-5 stalk-less, ovate, toothed leaflets

Flowers: ½" wide, 5 petals, delicate, white,

in ~3/4"-wide clusters at top of stem

Fruit: 2/5" fleshy yellow berry with 2-3 seeds

Flowering: May-June

Habitat: Moist woods and damp clearings

FLCA Location: Off Lakeside Trail

<u>Pollination</u>: Solitary bees and robber flies

Name: Ginseng derives from Chinese jin-

chen referring to shape of root; Panax means 'all-healing' (Grk.) and trifolius, 'three-leaved' (Lat.); also, ground nut

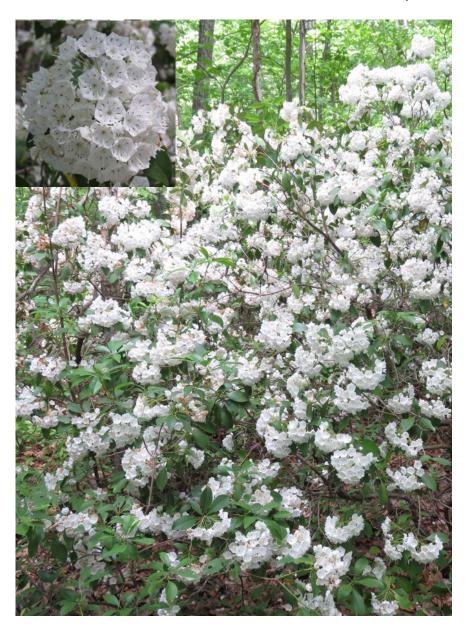
Folklore: Though this is not the famed ginseng

of herbal medicine, Native Americans made tea from the whole plant to treat indigestion, hives, gout, colic and rheumatism, and chewed the tubers for headaches, fainting and nervous disability; globular tuber can be eaten

raw or boiled

MOUNTAIN LAUREL

(Kalmia latifolia)



Family: Ericaceae (Heath)

Height:: 3-15'

Leaves: 2-4" long, alternate, dark green, elliptic,

leathery, glossy, evergreen

Stem: Woody (shrub)

Flowers: 3/4-1" wide, 5 petals, fused, white with

pink highlights, in clusters

Fruit: brown capsule containing 2 or more

seeds

Flowering: June

<u>Habitat</u>: Woodland understory, forest edges

FLCA Location: Throughout open forested areas

Pollination: Bees; anthers are spring-loaded,

spraying pollen on bee when dislodged

Name: Kalmia named for Pehr Kalm, a

student of Linnaeus who collected plants in North America; *latifolia* means broad-leaved (Lat.); also, spoonwood

Folklore: Though poisonous, the Cherokee used

an infusion of leaves to sooth the pain of scratches and cuts, and to make small wooden objects such as spoons

BLUE VERVAIN

(Verbena hastata)



Family: Verbenaceae (Vervain)

Height:: 2-6'

Leaves: 4-6" long, opposite, lanceolate, doubly

toothed

Stem: Square, grooved

clustered at top of stem,

Seeds: $\sim \frac{3}{4}$ long, eaten by songbirds

Flowering: July-September

<u>Habitat</u>: Meadows, marshes, wetland edges

FLCA Location: Dam

Pollination: Bumblebees and others

Name: Verbena means 'sacred plant' (Lat.)

Folklore: Thought to be a cure-all in ancient

times, though the Iroquois are reported to have used an infusion of

mashed leaves as a witchcraft

medicine "to make obnoxious persons

go away"

FOXGLOVE BEARDTONGUE

(Penstemon digitalis)



Family: Plantaginaceae (Plantain)

Height:: 2-5'

Leaves: 3-5" long, opposite, lanceolate, finely

toothed

Flowers: 1" long, 5 petals fused into a trumpet-

like structure, white or purple-tinged; upper lip 2-lobed, lower lip 3-lobed

Fruit: $\sim \frac{1}{2}$ long capsule; splits when dry

releasing numerous seeds

Flowering: May-July

Habitat: Fields, meadows, forest edges

FLCA Location: Dam

Pollination: Bees, bumblebees, hummingbirds

Name: The common name refers to a clump

of hairs on one of the flower's five stamens, which is sterile; also, white

beardtongue

Note: Owing to its poisonous constituents,

this plant was not generally eaten or used for medicinal purposes although other members of the genus were used to relieve toothaches and fever

SPOTTED JOE-PYE WEED

(Eutrochium maculatum)



<u>Family</u>: Asteraceae (Aster, Sunflower, Daisy)

Height:: 2-6'

Leaves: 3-8" long, usually in whorls of 3;

lance-shaped, toothed

Stem: Purple, or purple-spotted, hairy

Flowers: $4-5\frac{1}{2}$ " wide clusters of flower heads,

each ~1/3" wide; pink

Reproduction: Pollinated by numerous insects;

~1/6" long seeds eaten by birds in fall

Flowering: July-September

Habitat: Damp meadows, fields and thickets or

other wetlands

FLCA Location: Dam, Cooke's Pasture

Name: Also called gravel root or kidney-root

Folklore: Joe Pye, a Mohican healer who

lived in Stockbridge, MA, in the mid-1700s, reportedly used this plant to cure fevers. The roots, in various forms, were used by many tribes for flavoring or medicine. American colonists are said to have treated typhus with Joe-Pye weed extract

BROAD-LEAVED MOUNTAIN-MINT

(Pycnanthemum muticum)



Family: Lamiaceae (Mint)

Height:: 2-4'

Leaves: 1½-3" long, opposite, lanceolate to

ovate, toothed; upper leaves and bracts

beneath flower clusters are whitish

Stem: Square, hairy

Flowers: ½" wide, 5 petals, white tinged with

purple, in dense clusters at top of stem

Flowering: July-September

Habitat: Meadows, fields, woodlands

(not restricted to mountains!)

FLCA Location: Dam

Pollination: Butterflies and many other insects;

produces copious aromatic nectar

Name: Pycnanthemum means "densely flowered"

(Grk.); muticum or "blunt" (Lat.) refers to

shape of bracts

<u>Folklore</u>: Tea made from fresh or dried leaves

used in herbal medicine for a variety of disorders; crushed flowers applied to an

aching tooth said to relieve pain

SHOWY TICK-TREFOIL

(Desmodium canadense)



Family: Fabaceae (Pea or Bean)

Height:: 2-6'

<u>Leaves</u>: Compound leaf divided into 3 oblong

leaflets, each ~3" long, untoothed

Stem: Hairy

Flowers: $\sim \frac{1}{2}$ " long, 5 pea-like, purple-pink

petals; in clusters at top of stem

Fruit: Segmented pod with 3-5 joints, hairy;

readily stick to animal fur, clothes

Flowering: July-August

Pollination: Bumblebees and bees

Habitat: Moist meadows, fields, forest edges

FLCA Location: Dam

Name: Tick refers to clinging seedpods,

facilitating seed distribution

Notes: Seeds are eaten by various insect

larvae and foliage consumed by

game birds and rodents

BONESET THOROUGHWORT

(Eupatorium perfoliatum)





<u>Family</u>: Asteraceae (Aster, Sunflower, Daisy)

Height:: 2-4'

Leaves: 2-6" long, lanceolate, toothed; opposite

leaves joined at base to surround stem

(lower picture at left)

Flowers: 1/4" long, white, in dense clusters at top of

stem

Seeds: ~1½ long, including hairy tufts

Flowering: July-October

Habitat: Wet meadows, wetland margins

FLCA Location: Dam, boardwalk

Name: Also known as agueweed, feverwort,

thoroughwort or Indian sage

<u>Folklore</u>: Used by Native Americans and early

settlers for a variety of ailments; the way in which the leaves surround the stem suggested that this plant could help to set bones when wrapped around a fracture; boneset tea, made from an infusion of leaves was thought to be a cure for colds, fever, constipation, rheumatism, and kidney problems--a

veritable cure-all!

COMMON AGRIMONY

(Agrimonia gryposepala)



Family: Rosaceae (Rose)

Height:: 2-5'

Leaves: 2-4" long leaflets, compound, alternate,

ovate, coarsely toothed

Stem: Hairy; emits spicy odor when crushed

Flowers: ~½" wide, 5 petals, yellow; extend

along stem spike

Fruit: ~1/8" long, spherical, with hooked barbs

that stick to fur and clothing

Flowering: July-August

Habitat: Fields, forest edges

FLCA Location: Dam

Pollination: Bees and flies

Name: Derived from *argemone* (Grk.) meaning

plant used to treat cataracts; also, tall

hairy agrimony

Folklore: Used by Cherokee, Iroquois and other

Native Americans to treat a wide

variety of ailments; an infusion of roots said to be effective as diuretic and for treating liver and kidney diseases

COMMON ARROWHEAD

(Sagittaria latifolia)



Family: Alismataceae (Water Plantain)

Height:: 1-4'

Leaves: 2-12" long, arrow-shaped, 2 long

backward-facing lobes; leaves grow

from base of plant

Flowers: ²/₃" wide, 3 petals, white, in whorls of 3

Fruit: ~1/8" long, single-seeded

Flowering: July-September

Habitat: Marshes, along lake/stream margins

FLCA Location: Fitzgerald Lake, Broad Brook Marsh

Pollination: The nectar and abundant pollen

attract a variety of pollinators, including

bees, wasps, flies and beetles

Name: Sagittaria derives from "arrow" (Lat.);

also known as duck-potatoes

Folklore: Much of plant is edible, especially

the starchy tubers prized by ducks,

geese and muskrats; Native

Americans are said to have broken into muskrat dens to harvest their

cache of tubers

QUEEN ANNE'S LACE

(Daucus carota)



Family: Apiaceae (Carrot)

Height:: 1-3'

<u>Leaves</u>: 2-8" long, deeply cut, fern-like

Stem: Hairy

Flowers: 3-5" wide flat-topped clusters of tiny

white flowers with 5 petals; red floret at center; biennial, flowers only in

second year

Fruit: ~1/8 long, in bristly 'goblet'; biennial

Flowering: May-October

Habitat: Meadows and fields

FLCA Location: Cooke's Pasture

Name: Also, wild carrot, bird's nest

Notes: Introduced from Europe as medicinal

herb; ancestor of cultivated carrot; seeds believed to have contraceptive properties; root of young plants

properties; root of young plants edible when cooked but becomes

woody and fibrous with age

COMMON ST. JOHN'S-WORT

(Hypericum perforatum)



Family: Hypericaceae (St. John's-wort)

Height:: 1-2½'

Leaves: 1-2" long, opposite, elliptic with

translucent dots

Stem: Multiply branched

Flowers: 3/4-11/2" wide, 5 petals, bright yellow with

black dots on margins and protruding stamens; clustered at top of stem

Seeds: ~1/4" capsule; splits open when ripe

Flowering: June-September

Habitat: Fields, meadows, roadsides

FLCA Location: Dam, Cooke's Pasture

<u>Pollination</u>: Bumblebees, bees and others

Name: Flowers said to bloom on June 24,

marking the feast of St. John the Baptist

<u>Folklore</u>: Introduced from Europe where it was

used in medicine for at least 2400 years; believed to counter mild depression; traditionally hung above pictures or doorways to ward off evil spirits

COMMON MILKWEED

(Asclepias syriaca)



Family: Apocyanaceae (Dogbane)

<u>Height</u>:: 2-6'

Leaves: 4-10" long, opposite, oval

Stem: Unbranched; hairy, exudes white,

milky sap when cut (as do leaves)

Flowers: ½" wide, 5 petals, purplish white; in

2-4" clusters at top of stem

Fruit: 3-4" long pod; splits open when ripe,

releasing seeds with tufts of silky hairs

used in pillows and beds

Flowering: June-August

Habitat: Fields, meadows, roadsides

FLCA Location: Cooke's Pasture

<u>Pollination</u>: Monarch butterflies, bees, other insects

Name: Asclepius derived from name of

Greek god of medicine; syriaca reflects erroneous belief that plant native to Syria

Notes: Foliage is sole source of food for

monarch butterfly larvae; ingested compounds make larvae toxic to

predators; many uses as food, medicine

and fiber have been chronicled

BLACK-EYED SUSAN

(Rudbeckia hirta)



<u>Family</u>: Asteraceae (Aster, Sunflower, Daisy)

Height:: 1-3'

Leaves: 2-7" long, lance-like, lightly toothed,

with 3 prominent veins

Stem: Rough, hairy

Flowers: 2-3" wide, each flower head has 8-15

yellow ray flowers surrounding a cone of tubular disk flowers at center; as a biennial, it flowers only in second year

Seeds: Tiny, less than 1/8" long

Flowering: June-October

<u>Habitat</u>: Meadows, fields, woodlands

FLCA Location: Dam, Cooke's Pasture

Name: Also, black-eyed coneflower

<u>Folklore</u>: Legend has it that the name for this

native flower was appropriated from a poem of the same name by the early 18th century English poet John Gay; the genus name *Rudbeckia* was conferred by Linnaeus in honor of two pioneering 17th century Swedish

botanists. Olof Rudbeck and his son

WHITE MEADOWSWEET

(Spiraea alba)



Family: Rosaceae (Rose)

Height:: 2-5'

<u>Leaves</u>: 1½-3" long, alternate, lanceolate,

coarsely toothed

Flowers: 1/4" wide, 5 petals, 5 sepals; white

or pale pink, in roughly conical

clusters

Fruit: ~3/4" long, brown seeds; follicles

split open when dry

Flowering: June-September

Habitat: Moist soils in marshes, meadows,

fields and wetland margins

FLCA Location: Boardwalk, Cooke's Pasture

Pollination: Bumblebees, bees and wasps

Name: Spiraea derived from Grk. word for

'wreath'; alba means 'white' (Lat.)

Folklore: Infusion of leaves reported to have

been used as a medicinal tea by Abenaki and Algonquin Indians

ARROW-LEAVED TEARTHUMB

(Persicaria sagittata)



Family: Polygonaceae (Buckwheat)

Height:: 3-6'

Leaves: Up to 4" long, alternate, arrow-shaped;

wrap around stem (see inset)

Stem: Square with small sharp prickles

pointing downward that can literally tear the unsuspecting thumb; often grows as

sprawling vine

Flowers: $\frac{1}{4}$ - $\frac{1}{2}$ " wide, 5 petals, pink or white

Fruit: ~½" long, oval

Flowering: July-September

Habitat: Wetlands, marshes, meadows, shores

of streams and lakes

FLCA Location: Dam, Broad Brook Marsh

Pollination: Bees, wasps and flies

Name: Persicaria means 'peach-like' (Lat.);

sagittata pertains to the arrow-like

shape of the leaves

Notes: This plant does not appear much in

folklore; it is, however, an annual, unlike most New England wildflowers which

are perennials

ELLIPTIC-LEAVED SHINLEAF

(Pyrola elliptica)



Family: Ericaceae (Heath)

Height:: 5-10"

<u>Leaves</u>: 1-2" long, alternate, elliptic; grow only

at base of plant (basal)

Flowers: ½" wide, 5 petals, waxy, white,

clustered on stem

Seeds: Capsule, ~1/2" long; splits open when

dry

Flowering: June-August

Habitat: Forests

FLCA Location: Woods along Boggy Meadow Road

Name: Shinleaf refers to the use of this

plant's leaves as shin plasters

Folklore: Leaves contain an aspirin-like

substance said to relieve pain when applied to bruises and wounds; leaves reportedly used by the Cherokee for skin cuts, while infusions were used by the Iroquois to relieve rheumatism and by Mohegans for treating mouth

sores

CARDINAL-FLOWER

(Lobelia cardinalis)



Family: Campanulaceae (Bluebell)

Height:: 2-4'

Leaves: 6" long, alternate, lanceolate,

toothed

Flowers: 1½" long, bell-shaped, with 5 petals

fused into tubular base, bright red

Seeds: $\sim \frac{1}{2}$ long capsule containing two or

more seeds

Flowering: July-September

Habitat: Wetland edges, esp. along streams,

lakes and marshes

FLCA Location: Wetland off Boggy Meadow Road

Pollination: Hummingbirds

Name: Common and Latin names refer to

resemblance of flower color to that of Cardinal's robes; also, red lobelia

Folklore: Used extensively by Native Americans:

crushed leaves as poultice for headaches, leaf infusions for fever, ground roots for food and to end disputes

ALLEGHENY MONKEY-FLOWER

(Mimulus ringens)



Family: Phrymaceae (Lopseed)

Height:: 1-3'

Leaves: 2-4" long, opposite, clasping, lanceolate

or oblong, toothed

Stem: Square

Flowers: 1" wide, asymmetrical, pale purplish-

blue; upper lip 2-lobed, lower lip 3-lobed with 2 yellow spots inside

Fruit: ½" long capsule, splits when ripe

Flowering: June-September

Habitat: Wetlands, marshes, lake shores,

swamps

FLCA Location: Boggy Meadow Road

Pollination: Bumblebees

Name: Mimulus is derived from mimus (Lat.)

meaning 'mimic'; common name

denotes resemblance to monkey's face

Note: Although a host of medicinal properties

have been attributed to monkey-flower, it does not appear to have been used extensively for such purposes

SOURCES

General

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Indian Pipe (http://wildadirondacks.org/index.html)

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