







TRANS CANADA TRAIL SENTIER TRANSCANADIEN

Bloom Period Spring

NATIVE PLANTS &

Plant type **Fern**

List Category

Location

Understorv

Understory

Understory

Understory

Understory

Understorv

Understory

Understory

Understory

Understory

Understory

Location

Open field

Groundcover

Open field

Open field

Open field

Open field

Open field

Open field

Understory

Open field

Groundcover

Open field

Location

Groundcover

Open field

Understory

Open field

Understory

Groundcover

Understory

Open field

Open field

Open field

Understory

Open field

Understory

Groundcover

Understory

Open field

Open field

Location

Understory

Location

Groundcover

Location

Open field

Groundcover

Groundcover

Midstory

Open field

Open field

Open field

Understory

Open field

Midstory

Understory

Midstory

Open field

Midstory

Midstory

Open field

Usage

Woodland

Erosion

control

Woodland

Woodland

Woodland

Woodland

Woodland

Naturalizing

Spreading

Woodland

Woodland

Usage

Erosion

control

Erosion

control

Erosion

control

Spreading

Adaptable

Spreading

Erosion

control

Erosion

control

Spreading

Adaptable

Spreading

Spreading

Usage

Spreading

Spreading

Naturalizing

Spreading

Woodland

Spreading

Adaptable

Disturbed

Disturbed

Spreading

Spreading

Adaptable

Erosion

Naturalizing

Adaptable

Spreading

Erosion

control

Usage

Erosion

Usage

Erosion

Usage

Erosion

control

Erosion

Adaptable

Erosion

Erosion

control

Erosion

Disturbed

sites

Erosion

Erosion

Erosion

Erosion

Adaptable

Naturalizing

Disturbed

sites

Erosion

Naturalizing

Erosion

control

*

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7

Bloom

Period

Bloom

Period

Bloom

Period

-

7

Sites

Sites

Bloom

Period

Light Exposure

SHRUBS SPECIES

tctrail.ca	(Jun

Spacing

(m)

0.60

0.50

0.90

0.60

0.60

0.90 - 1.20

0.30

1.20

0.60

Spacing

(m)

0.90

0.90

0.90

1.00

0.25

0.90

Spacing

(m)

0.30

0.60

0.30

0.30

0.90

1.50

0.30

0.40

0.50

0.25

Spacing

(m)

Spacing

(m)

Spacing

(m)

0.60

1.50

1.20

1.00

1.20 - 1.80

0.60

Hardiness

Zones

Zones 3-9

Zones 3-8

Zones 5-9

Zones 3-8

Zones 3-10

Zones 4-8

Zones 3-7

Zones 4-9

Zones 4-9

Zones 3-8

Hardiness

Zones

Zones 4-9

Zones 2-6

Zones 3-8

Zones 4-9

Zones 4-9

Zones 4-9

Zones 3-9

Zones 3-8

Zones 3-9

Zones 5-9

Hardiness

Zones

Zones 3-8

Zones 3-10

Zones 4-8

Zones 3-9

Zones 3-8

Zones 2-7

Zones 3-8

Zones 3-9

Zones 2-7

Zones 3-9

Zones 3-9

Zones 3-9

Zones 3-7

Zones 3-8

Zones 4-9

Zones 3-9

Zones 3-9

Hardiness

Zones

Zones 4-10

Hardiness

Zones

Zones 4-9

Zones 4-9

Hardiness

Zones

Zones 3-9

Zones 2-6

Zones 1-9

Zones 2-7

Zones 2-6

Zones 3-7

Zones 2-7

Zones 3-7

Zones 4-8

Zones 3-10

Zones 6-8

Zones 4-9

Zones 3-7

Zones 3-8

Zones 2-9

Zones 2-6

Light

Exposure

Light

Exposure

Plant type

Soil

Preference

Moist, well

Moist, well

Moist, well

Moist, well

Moist, well

Moist, well

drained

drained

Moist, well

Moist, well

Moist, well

Moist, well

Soil

Preference

Moist, well

Moist. well

Moist, well

Moist, well

Moist, well

Moist, well

Soil

Preference

Moist, acidic

Moist, well

Moist, well

Moist, well

Moist, well

Moist. acidic

Moist, well

Moist, well

Moist, well

Moist, well

Moist, acidic

Moist, well

Moist. well

Moist, well

Moist, well

drained

Dry

Soil

Preference

Moist, acidic

Soil

Preference

Moist, acidic

Moist, well

Soil

Preference

Moist, well

Moist well

Moist, well

Moist, well

Moist, well

Moist, well

Moist, well

drained

Dry

Moist, well

Moist, well

drained

drained

drained

drained

drained

drained

٨

drained

drained

drained

drained

drained

drained

Light

Exposure

Light

Light

Exposure

Exposure

drained

drained

drained

drained

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drained

drained

drained

drained

drained

drained

drained

Light

Exposure

drained

Plant type **Grass Perennial**

GROWTH NEEDS

Tolerances

Deer, wet soil

Deer, drought

dry soil, rabbit,

rocky soil

Deer, rabbit

Rabbit

N/A

N/A

Clay soil, deer,

rabbit, wet soil

Dry soil, rabbit,

Clay soil, deer,

rabbit, wet soil

Tolerances

Deer, drought,

dry soil

Wet soil

dry soil

Drought

Deer, drought,

dry soil, rocky

Deer, drought,

Deer, drought,

dry soil, rocky

Deer, drought,

dry soil, rabbit,

Deer, drought,

dry soil, rocky

rocky soil

Deer

soil

Wet soil

Deer, drought,

dry soil, wet soil

Tolerances

Clay soil, deer,

drought, dry soil,

rocky soil

Wet soil

Deer, rabbit

Clay soil, rabbit

Deer, rabbit

Deer, dry soil,

rabbit

Dry soil

soil

Dry soil, rocky

Deer, drought,

Deer, wet soil

Deer, drought,

Deer, drought,

dry soil, rabbit,

Deer, rabbit, wet

Deer, drought,

Deer, drought

Tolerances

Tolerances

Deer, wet soil

Dry soil

Tolerances

Deer, drought,

Drought, dry

Deer,

drought

Drought, dry soil

Drought, dry soil,

rocky soil, salt

Deer, drought,

dry soil, rabbit,

rocky soil, salt

Deer, wet soil

Drought, dry soil,

rocky soil

Drought, dry

Dry soil

Drought, salt

Deer, drought,

shadow, wet

Deer, wet soil

Dry, poor soil,

salt

Dry soil

Clay soil, dry

soil

soil

soil, rocky soil,

N/A

soil, rocky soil,

wet soil

Wet soil

dry soil, wet soil

rocky soil

soil

N/A

dry soil, wet soil

poor soil

wet soil

salt, rabbit

soil

soil

Deer, drought,

Rabbit

rocky soil

Clay soil, deer,

rabbit, wet soil

Plant type Plant type Plant type

Rush Sedge Shrub

Bloom

Period

N/A

Bloom

Period

Sun Partial shade

Shade

Suggested Species

O. claytoniana (Interrupted Fern),

O.cinnamomea (Cinnamon Fern)

O. regalis (Royal Fern),

P. virginianum (Rock Fern),

P. glycyrrhiza (Licorice Fern)

D. marginalis (Marginal Wood Fern), D. cristata (Crested Wood Fern),

D. goldieana (Goldie's Wood Fern),

D.filix-mas (Male Fern)

D. carthusiana (Spinulose Wood Fern),

Suggested Species

E. canadensis (Canada Wild Rye),

B. curtipendula (Side Oats Grama),

E. canadensis (élyme du Canada),

Suggested Species

A.cylindrica (Long Fruited Anemone),

A. canadensis (Meadow Anemone)

A. symphyotrichum novae-angliae

A. symphyotrichum ericoides (White

Heath Aster), A. laeve (Smooth Aster),

A. racemosa (Black Snakeroot),

A. rubra (Red Baneberry)

M. fistulosa (Wild Bergamot),

D. formosa (Pacific Bleeding Heart),

D. cucullaria (Dutchman's Breeches),

C. unalaschkensis (Western Bunchberry)

A. canadensis (Canadian Columbine),

D. eximia (Fringed Bleeding Heart),

D. canadensis (Squirrel Corn)

C. canadensis (Bunchberry),

A. formosa (Red Columbine)

R. hirta (Black Eyed Susan),

R. laciniata (Tall Coneflower),

E. angustifolia (Purple Coneflower)

S. canadensis (Canada Goldenrod),

S. missouriensis (Low Goldenrod),

S. nemoralis (Showy Goldenrod),

I. missouriensis (Western Blue Iris)

A. syriaca (Common Milkweed),

A. ovalifolia (Dwarf Milkweed),

A. incarnata (Swamp Milkweed),

Solomon's Seal), Maianthemum

canadense (Canada Mayflower)

A. caudatum (Western Wild Ginger),

A. canadense (Canada Wild Ginger)

A. cernuum (Nodding Wild Onion),

Suggested Species

Suggested Species

C. aurea (Golden Sedge),

C. vulpinoidea (Fox Sedge)

C. eburnea (Ebony Sedge),

Sedge), C. rosea (Rosy Sedge)

C. muskingumensis (Palm Sedge),

C. grayii (Mace Sedge), C. pensylvanica

(Oak Sedge), C. plantaginea (Seersucker

Suggested Species

S. racemosa var. arborescens (Coastal

V. ovatum (Evergreen Huckleberry),

P. nigra (Cherry Plum), P. americana

Cherry), P. pensylvanica (Pin Cherry),

(Wild Plum), P. emarginata (Bitter

P. pensylvanica (Praire Cinquefoil),

P. fruticosa (Shrubby Cinquefoil),

C. sericea (Red Osier Dogwood),

C. racemosa (Gray Dogwood)

L. canadensis (Northern Fly Honeysuckle), L. ciliosa (Western

Honeysuckle), L. dioica (Wild Honeysuckle), L. caerulea (Haskap)

Honeysuckle), L. sempervirens (Coral

P. opulifolius (Common Ninebark),

P. capitatus (Pacific Ninebark)

R. odoratus (Purple Flowering

(Wild Raspberry)

Raspberry), R. spectabilis (Salmonberry),

R. parviflorus (Thimbleberry), R. idaeus

S. douglasii (Hardhack), S. betulifolia (Birchleaf Spirea), S. alba (White

Meadowsweet), S. densiflora ssp.

splendens (Rose Meadowsweet)

R. glabra (Smooth Sumac),

R. typhina (Staghorn Sumac)

V. acerifolium (Mapleleaf Viburnum), V. rafinesquianum (Arrowwood),

V. trilobum (Highbush Cranberry),

R. acicularis (Prickly Wild Rose),

Rose), R. nutkana (Nootka Rose)

R. blanda (Smooth Rose), R. woodsii

(Wood's Rose), R. virginiana (Virginia

V. lentago (Nannyberry), V. cassinoides (Witherod)

P. gracilis (Western Cinquefoil)

C. alba (White Dogwood),

V. parvifolium (Red Huckleberry)

V. macrocarpon (Cranberry)

P. virginiana (Choke Cherry)

V. angustifolium (Lowbush Blueberry),

Red Elderberry),

S. canadensis (Elderberry)

C. sprengelii (Sprengel's Sedge),

A. stellatum (Pink Onion)

A. verticillata (Whorled Milkweed)

Maianthemum stellatum (Star flowered

I. versicolor (Blue Flag Iris),

I. tenax (Oregon Iris)

S. ptarmicoides (Upland White Aster)

M. didyma (Bee Balm)

A. pachypoda (White Baneberry),

(New England Aster),

A. alpinus (Apline Aster)

E. virginicus (élyme de Virginie),

E. hystrix (élyme étalé),

B. gracilis (Blue Grama)

E. virginicus (Virginia Rye),

E. hystrix (Bottlebrush grass)

SUGGESTED SPECIES

Summer

Fall

Notes

Good in woodland settings or along

Great for dry shade, underplanting.

Fast growing, will form colonies. Useful

Underplanting in wet conditions. Clump

Good in moist woods, thickets and

Grow in wet to moist conditions.

Clump forming, good for naturalization.

Spreads easily and will form colonies on

Underplanting in wet conditions. Clump

forming. Streams, ponds, bog garden.

Prefers location sheltered from the

Notes

Excellent for drought prone locations,

Shallow roots and rapid spread form

good sod on wet sites. Provides bank

Fast growing, good on banks and

Spreads by rhizomes to form large

Grows well in wide range of soil

Drought tolerant once established.

Excellent for drought-prone locations,

naturalizing and on slopes for erosion

Natural landscaping, erosion control

A shade-tolerant grass. Robust

Can be grown in various soil

Grows well in marshes and wet

conditions. It spreads by rhizomes and

can be aggressive in moist conditions.

Will spread underground through

Notes

Spreads by rhizomes to form dense

clumps. Good groundcover for wet

Great source of pollen in fall.

Spreading root growth will form

Spreads easily to form clumps. Great

Early spring pollinators, may die back

Excellent as ground cover in wet

Will reseed easily to form large

Spreads easily by seed and roots.

Spreads by rhizomes and self-seeds to

Will spread to form clumps over time.

Will spread rapidly by rhizomes to

Long-lived. Good for banks and slopes.

Free seeds easily, will naturalize an

Ground cover, shady and woodland

Spreads by roots. Useful in poor soils,

Notes

Notes

Excellent for rain gardens, ponds,

Excellent for erosion control. Dry

Notes

Suckering spread. Thicket forming.

Spreads by surface rhizomes to form a

Border plant, ground cover, can handle

Suckering growth. Good for erosion

control. Susceptible to Black Knot fungus.

Stabilizing banks, wooded, rocky slopes.

Prune out deadwood as needed.

Prune after blooming period. Excellent

Great for stabilizing banks and slopes.

Root suckers, will form thicket over time.

Found in wet prairies and along the

Spread by root suckers, will form dense

Spread by root suckers, will form dense

thickets. Good for slope and erosion

thickets. Good for slope and erosion

edge of streams, marshes, etc.

Prune after blooming period.

Will form dense thickets.

Highly fragrant!

control.

Naturalizing.

control.

Will form dense thickets.

pollinator.

mat. Erosion control on banks.

wide range of conditions.

woodland environment.

clumps.

streams, bog gardens. Forms dense

Erosion control on moist banks.

slopes, erosion control.

areas. Adaptable to many soils.

area and form a ground cover.

form large colonies. Critical to

monarch butterfly life cycle.

Pioneer plant that is short-lived.

form dense clumps. Excellent

locations.

ground cover.

Naturalized areas.

pollinator.

after flowering.

conditions

clumps.

Spreads easily.

pollinator in fall.

rhizomes and seeds.

on banks and slopes.

spreading growth.

conditions.

slopes for erosion control.

on slopes and erosion control.

stabilization.

colonies.

conditions.

control.

Self-seeds freely.

rocks and trunks.

wind.

Good on slopes for erosion.

ponds and streams.

Clump forming.

as ground cover.

	tctrail.ca
NAME	FEATURES

NAME	FEATURES

NAME		FEATURES	
Plant Type	Fern		

Mature

Height

(m)

NAME		FEATURES
Plant Type	Fern	

NAME	FEATURES

NAME	FEATURES

NAME		FEATURES	
Plant Type	Fern		

Botanical

Cystopteris

Polystichum

acros-

tichoides

Asplenium

scolopen-

Dennstaedtia

punctilobula

Osmunda

Athrium

felix-femina

pedatum

Matteuccia

Polypodium

Onoclea

sensibilis

Dryopteris

Botanical

Andropogon

gerardii

Calama-

grostis

canadensis

Elymus spp.

Spartina

pectinata

Bouteloua

Deschampsia

cespitosa

nutans

Schizachyrium scoparium

(formally

Andropogan

scoparious)

Chasman-

latifolium

Sporobolus

Anthoxanthum

Panicum

virgatum

Botanical

Anemone

Aster

Actaea spp.

Monarda

Dicentra

Cornus spp.

Aquilegia

Rudbeckia

-ceae spp.

Chamerion

Solidago

Iris spp.

Asclepias

Polygonatu

m biflorum

Solomon's Seal)

Geranium

Asarum

Allium spp.

Achillea

millefolium

Botanical

Juncus

effusus

Botanical

Rush

Sedge

Shrub

Botanical

Sambucus

Arctosta-

phylos

uva-ursi

Vaccinium

spp.

Prunus

Shepherdia

Potentilla

Cornus spp.

Lonicera

Ceanothus

Rubus spp.

Gaultheria

shallon

Lindera

bezoin

Spiraea spp.

Viburnum

Rosa spp.

spp.

spp.

spp.

Mature

Height

Mature

Height

(m)

Mature

Height

(m)

maculatum

(Smooth

spp.

angustifolium

spp./Echina

spp.

spp.

Perennial

Mature

Height

(m)

thium

spp.

Grass

spp.

spp.

struthiopteris 1.20 - 1.80

spp.

drium

bulbifera

Common

Bulblet

Fern

Christmas

Fern

Hart's

Tongue Fern

Hay-scented

Fern

Interrupted

Fern

Lady

Fern

Northern

Maidenhair

Fern

Ostrich

Fern

Polypody,

Rock Fern

Sensitive

Fern

Wood Fern

Plant Type

Common

Big

Bluestem

Canada

Blue-Joint

Canada

Wild Rye

Cordgrass

Grama

Hairgrass

Indiangrass

Little

Bluestem

Northern

Sea Oats

Prairie

Dropseed

Sweetgrass

Switchgrass

Plant Type

Common

Anemone

Aster

Baneberry

Bergamot /

Bee Balm

Bleeding

Heart

Bunch Berry

Canadian

Columbine

Coneflower

Fireweed

Goldenrod

Iris

Milkweed /

Butterfly

Bush

Soloman's

Seal

Spotted

Cranesbill

Wild Ginger

Wild Onion

Yarrow

Plant Type

Common

Common

Rush

Plant Type

Common

Sedges

Sedges

Plant Type

Common

American

Elder

Bearberry /

Kinnikinnick

Blueberry /

Cranberry /

Huckleberry

Canada

Plum

Canadian

Buffalo-Berry

Cinquefoil

Dogwood

Honeysuckle

New Jersey

Tea

Ninebark

Raspberry

Salal

Spicebush

Spirea

Sumac

Viburnum

Wild Rose

0.30 - 0.60 | 0.30 - 0.60

0.30 - 0.60 | 0.30 - 0.60

0.60 - 1.80 | 0.60 - 0.90

0.30 - 0.90 | 0.30 - 0.90

0.30 - 0.90 | 0.30 - 0.60

0.15 - 0.30 | 0.15 - 0.30

0.30 - 0.60 | 0.30 - 0.60

1.20 - 1.80 | 0.60 - 0.90

0.90 - 1.50 | 0.60 - 0.90

0.60 - 1.50 | 0.60 - 0.90

0.20 - 0.75 | 0.30 - 0.60

1.00 - 1.20

0.60 - 0.90 | 0.30 - 0.60 | 0.30 - 0.60

0.90 - 1.50 | 0.30 - 0.60 | 0.50 - 0.60

0.60 - 1.20 | 0.30 - 0.60 | 0.50 - 0.60

0.60 - 1.50 | 0.30 - 0.60 | 0.30 - 0.50

0.60 - 0.90 | 0.60 - 0.90 | 0.60 - 0.90

0.90 - 1.80 | 0.60 - 0.90 | 0.60 - 0.90

Mature

Width

(m)

0.30 - 0.60 | 0.20 - 0.90 | 0.80 - 0.90

0.30 - 0.90 | 0.30 - 0.45 | 0.30 - 0.45

0.30 - 0.60 | 0.25 - 0.30

0.60 - 0.90 | 0.30 - 0.90

0.15 - 0.30 | 0.15 - 0.30

0.10 - 0.25 | 0.15 - 0.30

0.90 - 1.50 | 0.30 - 0.90

0.90 - 1.20 | 0.20 - 0.30

0.20 - 0.60 | 0.3 - 0.60

0.30 - 0.60 | 0.30 - 0.60

0.30 - 0.60 | 0.30 - 0.60

0.05 - 0.20 | 0.30 - 0.60 | 0.30 - 0.50

0.30 - 0.90 | 0.30 - 0.60 | 0.30 - 0.50

Mature

Width

(m)

0.60 - 1.20 | 0.60 - 1.20 | 0.60 - 1.20

Mature

Width

(m)

0.30 - 1.00 | 0.60 - 0.90 | 0.60 - 0.90

0.30 - 1.00 | 0.30 - 1.00 | 0.60 - 0.90

Mature

Width

(m)

1.50 - 3.60 | 1.50 - 3.60 | 1.50 - 3.60

3.00 - 5.00 | 3.00 - 5.00 | 2.00 - 3.00

0.60 - 1.20 | 0.90 - 1.50 | 1.20 - 1.50

0.90 - 3.00 | 1.00 - 5.00 | 0.90 - 1.80

0.90 - 1.20 | 0.90 - 1.50 | 1.20 - 1.50

1.20 - 1.80

1.20 - 3.00 | 1.20 - 3.00 | 1.20 - 3.00

1.80 - 3.70 | 1.80 - 3.70 | 1.80 - 3.70

0.60 - 1.20 | 0.60 - 1.20 | 0.60 - 1.20

2.00 - 4.00 | 6.00 - 8.00 | 2.00 - 4.00

15.00 - 2.00 | 15.00 - 2.00 | 1.20 - 2.00

1.20 - 1.50 | 1.20 - 1.50 | 1.20 - 1.50

0.15 - 0.30 | 0.90 - 1.80

0.30 - 2.40 | 0.30 - 3.00

1.00 - 2.00 | 1.00 - 1.50

1.50 - 2.00 | 1.50 - 2.00

1.50 - 2.40

1.00 - 2.00 | 1.00 - 2.00

1.20 - 1.50

0.60 - 0.90 | 0.60 - 0.90 | 0.30 - 0.60

0.60 - 1.50 | 0.60 - 1.20 | 0.60 - 1.00

1.20 - 1.50

0.60 - 0.90 | 0.60 - 0.90 | 0.60 - 0.80

0.90 - 1.20 | 0.60 - 0.90

1.00 - 1.20

0.90 - 1.20

Mature

Height

(m)

0.90 - 1.20

0.90 - 1.20

Mature

Width

(m)

Mature

Width

(m)

0.30 - 0.60 | 0.30 - 0.60 | 0.30 - 0.60

0.30 - 0.60 | 0.60 - 0.90 | 0.60 - 0.90

NAME	FEATURES