



Canoe Forest Products Ltd. Forest Operations Invasive Plants Guidebook (Version 1.0)

#### Invasive plants

#### General

This guidebook is to assist in promoting awareness and identification of invasive plants. The goal is to prevent the introduction or spread of species of plants that are invasive plants under the Invasive Plant Regulation. Forest practices which may cause the introduction or spread of invasive plants are:

- road building and maintenance,
- building landings and skid trails,
- harvesting that exposes mineral soil,
- post-harvest site preparation
- movement of machinery related to the above activities, and
- log hauling (dispersal of seed and plant parts).

Within the following pages you will find invasive weeds that are present within Canoe Forest Products Ltd.'s (CFP) operating area.

#### Current Actions

For all areas of new proposed development to reduce the invasion of alien weeds, LCP will: Use Grade Canada No.1 or Common #1 (or better) seed grade and seed mix; on

- All newly constructed roads (right of way exposed mineral soil, not surfaces) and newly
  constructed landings (landings will be seeded post harvest in conjunction with landing
  deactivation).
- Significant areas (greater than 100 meters in length or 0.1 of hectare) of exposed mineral soil that is the result of road maintenance.

Areas near proposed cutblocks and roads will be assessed at the Site Plan stage by an overview field check. Where invasive species are found within 500 meters of a proposed block or proposed road the following measures will be applied.

- Use MOFR Grade Canada No.1 or Common # 1 (or better) grade and seed mix on rehabilitated trails and permanent access trails.
- Clean <u>existing</u> landings (that will be used in proposed activities) of invasive plants to reduce transfer.

Review areas grass seeded the following growing season and reseed significant areas (greater than 100 meters or 0.1 hectare)

#### What can you do?

- 1. Report to your CFP supervisor of any invasive plant infestation. If these are new, CFP will report these areas to the Ministry of Forests and Range.
- 2. Limit the spread of seed and plant parts. If invasive plants are found on an existing landing, then scrape or clean the landing and bury the plants. Clean equipment before leaving an area that is known to have invasive plants present.



Cancel

#### **Ministry of Agriculture and Lands**

Annual Bluegrass

Baby's-Breath

Barnyardgrass

Bladder Campion

Blueweed

**Bog Rush** 

**Bull Thistle** 

Burdock

Canada Thistle

Chicory

Chickweed

Cleavers

**Cluster Tarweed** 

**Common Bugloss** 

**Common Tansy** 

**Common Mallow** 

Corn Spurry

**Creeping Buttercup** 

Crupina

Cudweed

Curled Dock

Dalmatian Toadflax

Diffuse Knapweed

Dodder

Field Bindweed

Field Scabious

Foxtail Barley

Giant Hogweed

Goat's-Beard

Gorse

**Green Foxtail** 

Groundsel

Hemp Nettle

Henbit

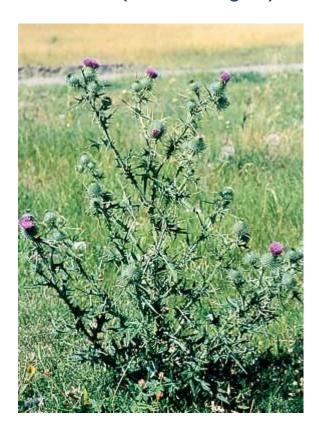
Himalayan Balsam

Hoary Alyssum

**Hoary Cress** 

## Field Guide to Noxious and Other Selected Weeds of British Columbia

#### **Bull Thistle (Cirsium vulgare)**



- taprooted biennial with spiny winged stems growing 0.3 to 1.5 metres tall; leaves end in long, sharp spines; upper surface with short prickles, undersurface cottony; flowerhead bracts tipped with prickles; purple flowers 4 to 7.5 cm across
- often confused with Canada thistle (*Cirsium arvense*) which has creeping roots, much smaller flowers and weak prickles, not spines on the leaves

Stiff spines at leaf tips
Photo courtesy BC Ministry of Forests

Hound's-tongue

Japanese Knotweed

**Jointed Goatgrass** 

Kochia

Lady's-Thumb

Lamb's-Quarters

Leafy Spurge

Marsh Plume Thistle

Meadow Knapweed

Milkweed

Mullein

Night-Flowering

Catchfly

Nightshade

**Nodding Thistle** 

Nod. Beggar-Ticks

Orange Hawkweed

Oxeye Daisy

Perennial Pepperweed

**Pigweed** 

Pineappleweed

Plantain

Plumeless Thistle

Puncturevine

Purple Nutsedge

Purple Loosestrife

Quackgrass

**Rush Skeletonweed** 

Russian Knapweed

**Russian Thistle** 

Scentless Chamomile

Scotch Broom

Scotch Thistle

Sheep Sorrel

Shepherd's Purse

Sow-thistle

Spotted Knapweed

St. Johns-Wort

Stinkweed

Sulphur Cinquefoil

**Tansy Ragwort** 

Velvetleaf

Water Hemlock





Spine-tipped flowerhead bracts



Cancel

### Ministry of Agriculture and Lands

Annual Bluegrass Baby's-Breath Barnyardgrass

Bladder Campion

Blueweed

Bog Rush

**Bull Thistle** 

**Burdock** 

Canada Thistle

Chicory

Chickweed

Cleavers

**Cluster Tarweed** 

**Common Bugloss** 

**Common Tansy** 

**Common Mallow** 

Corn Spurry

**Creeping Buttercup** 

Crupina

Cudweed

Curled Dock

Dalmatian Toadflax

Diffuse Knapweed

Dodder

Field Bindweed

Field Scabious

Foxtail Barley

**Giant Hogweed** 

Goat's-Beard

Gorse

**Green Foxtail** 

Groundsel

Hemp Nettle

Henbit

Himalayan Balsam

Hoary Alyssum

**Hoary Cress** 

## Field Guide to Noxious and Other Selected Weeds of British Columbia

#### **Burdock (Arctium species)**



- Regional Noxious Weed
- biennial weeds common in farmyards, fencelines, roadsides, streambanks and idle areas well known for their rounded flower heads with hooked spines that easily attach to clothing and animals
- common burdock (Arctium minus) grows 1 to 3 metres in height; lower leaf stalks are hollow; flower heads are less than 2.5 cm across and scattered along the stems
- great burdock, sometimes called giant burdock (Arctium lappa) is similar in appearance but lower leaf stalks are solid and flower heads are over 2.5 cm across and are arranged in a flattopped cluster rather than along the stem

Hound's-tongue

Japanese Knotweed

**Jointed Goatgrass** 

Kochia

Lady's-Thumb

Lamb's-Quarters

Leafy Spurge

Marsh Plume Thistle

Meadow Knapweed

Milkweed

Mullein

Night-Flowering

Catchfly

Nightshade

**Nodding Thistle** 

Nod. Beggar-Ticks

Orange Hawkweed

Oxeye Daisy

Perennial Pepperweed

**Pigweed** 

Pineappleweed

Plantain

Plumeless Thistle

Puncturevine

Purple Nutsedge

Purple Loosestrife

Quackgrass

**Rush Skeletonweed** 

Russian Knapweed

**Russian Thistle** 

Scentless Chamomile

Scotch Broom

Scotch Thistle

Sheep Sorrel

Shepherd's Purse

Sow-thistle

Spotted Knapweed

St. Johns-Wort

Stinkweed

Sulphur Cinquefoil

**Tansy Ragwort** 

Velvetleaf

Water Hemlock



Flowerhead bracts with hooked spines



Cancel

#### **Ministry of Agriculture and Lands**

**Annual Bluegrass** 

Baby's-Breath

Barnyardgrass

Bladder Campion

Blueweed

**Bog Rush** 

**Bull Thistle** 

Burdock

Canada Thistle

Chicory

Chickweed

Cleavers

**Cluster Tarweed** 

**Common Bugloss** 

Common Tansy

Common Mallow

Corn Spurry

**Creeping Buttercup** 

Crupina

Cudweed

Curled Dock

Dalmatian Toadflax

Diffuse Knapweed

Dodder

Field Bindweed

Field Scabious

Foxtail Barley

**Giant Hogweed** 

Goat's-Beard

Gorse

**Green Foxtail** 

Groundsel

Hemp Nettle

Henbit

Himalayan Balsam

Hoary Alyssum

**Hoary Cress** 

### Field Guide to Noxious and Other Selected Weeds of British Columbia

# Canada Thistle (Cirsium arvense)



- Provincial Noxious Weed
- creeping rooted perennial growing erect to 1.2 metres; stalkless dark green leaves with irregular spiny lobes; flowerheads spineless and small compared to other thistles; flowers variable in colour from rose-purple to pink to white.
- only thistle with male and female flowers on separate plants

Flowerheads with spineless bracts

Hound's-tongue

Japanese Knotweed

**Jointed Goatgrass** 

Kochia

Lady's-Thumb

Lamb's-Quarters

Leafy Spurge

Marsh Plume Thistle

Meadow Knapweed

Milkweed

Mullein

Night-Flowering

Catchfly

Nightshade

**Nodding Thistle** 

Nod. Beggar-Ticks

Orange Hawkweed

Oxeye Daisy

Perennial Pepperweed

**Pigweed** 

Pineappleweed

Plantain

Plumeless Thistle

Puncturevine

Purple Nutsedge

Purple Loosestrife

Quackgrass

**Rush Skeletonweed** 

Russian Knapweed

**Russian Thistle** 

Scentless Chamomile

Scotch Broom

Scotch Thistle

Sheep Sorrel

Shepherd's Purse

Sow-thistle

Spotted Knapweed

St. Johns-Wort

Stinkweed

Sulphur Cinquefoil

Tansy Ragwort

Velvetleaf

Water Hemlock





Seedling



Young rosette



Cancel

#### **Ministry of Agriculture and Lands**

Annual Bluegrass Baby's-Breath Barnyardgrass Bladder Campion Blueweed Bog Rush

Bull Thistle Burdock

Canada Thistle

Chicory

Chickweed

Cleavers

**Cluster Tarweed** 

Common Bugloss

**Common Tansy** 

Common Mallow

Corn Spurry

Creeping Buttercup

Crupina

Cudweed

Curled Dock

Dalmatian Toadflax

Diffuse Knapweed

Dodder

Field Bindweed

Field Scabious

Foxtail Barley
Giant Hogweed

Goat's-Beard

Gorse

**Green Foxtail** 

Groundsel

Hemp Nettle

Henbit

Himalayan Balsam

Hoary Alyssum

**Hoary Cress** 

## Field Guide to Noxious and Other Selected Weeds of British Columbia

#### Sulphur Cinquefoil (Potentilla recta)



- Regional Noxious Weed
- introduced long-lived taprooted perennial in the Rose Family with hairy stems growing from 0.3 to 0.8 metres tall; leaves divided into 5 to 7 hairy leaflets in palmate fashion; pale yellow flowers have 5 heart-shaped petals around a bright yellow centre
- one of over 20 cinquefoils in B.C., most of which are native
- can produce over 1600 seeds per plant
- often confused with the native graceful cinquefoil (*Potentilla* gracilis) which is shorter and has white wooly hair on the undersurface of leaves

Sulphur coloured flowers

Photo courtesy BC Ministry of Forests

Hound's-tongue

Japanese Knotweed

**Jointed Goatgrass** 

Kochia

Lady's-Thumb

Lamb's-Quarters

Leafy Spurge

Marsh Plume Thistle

Meadow Knapweed

Milkweed

Mullein

Night-Flowering

Catchfly

Nightshade

**Nodding Thistle** 

Nod. Beggar-Ticks

Orange Hawkweed

Oxeye Daisy

Perennial Pepperweed

**Pigweed** 

Pineappleweed

Plantain

Plumeless Thistle

Puncturevine

Purple Nutsedge

Purple Loosestrife

Quackgrass

**Rush Skeletonweed** 

Russian Knapweed

**Russian Thistle** 

Scentless Chamomile

Scotch Broom

Scotch Thistle

Sheep Sorrel

Shepherd's Purse

Sow-thistle

Spotted Knapweed

St. Johns-Wort

Stinkweed

Sulphur Cinquefoil

Tansy Ragwort

Velvetleaf

Water Hemlock





Palmate leaf with 5 to 7 leaflets



Cancel

#### **Ministry of Agriculture and Lands**

**Annual Bluegrass** 

Baby's-Breath

Barnyardgrass

**Bladder Campion** 

Blueweed

**Bog Rush** 

**Bull Thistle** 

Burdock

Canada Thistle

Chicory

Chickweed

Cleavers

**Cluster Tarweed** 

Common Bugloss

Common Tansy

**Common Mallow** 

Corn Spurry

**Creeping Buttercup** 

Crupina

Cudweed

Curled Dock

Dalmatian Toadflax

Diffuse Knapweed

Dodder

Field Bindweed

Field Scabious

Foxtail Barley

Giant Hogweed

Goat's-Beard

Gorse

**Green Foxtail** 

Groundsel

Hemp Nettle

Henbit

Himalayan Balsam

Hoary Alyssum

**Hoary Cress** 

## Field Guide to Noxious and Other Selected Weeds of British Columbia

## Common Tansy (*Tanacetum vulgare*)



- Regional Noxious Weed
- aromatic perennial growing to 1.8 metres tall; deeply divided dark green leaves; yellow "button" flowers in cluster at top of plant; no ray flowers
- often confused with tansy ragwort (Senecio jacobaea) that has ray flowers

Button-like yellow flowers

Hound's-tongue

Japanese Knotweed

**Jointed Goatgrass** 

Kochia

Lady's-Thumb

Lamb's-Quarters

Leafy Spurge

Marsh Plume Thistle

Meadow Knapweed

Milkweed

Mullein

Night-Flowering

Catchfly

Nightshade

**Nodding Thistle** 

Nod. Beggar-Ticks

Orange Hawkweed

Oxeye Daisy

Perennial Pepperweed

**Pigweed** 

Pineappleweed

Plantain

Plumeless Thistle

Puncturevine

Purple Nutsedge

Purple Loosestrife

Quackgrass

**Rush Skeletonweed** 

Russian Knapweed

**Russian Thistle** 

Scentless Chamomile

Scotch Broom

Scotch Thistle

Sheep Sorrel

Shepherd's Purse

Sow-thistle

**Spotted Knapweed** 

St. Johns-Wort

Stinkweed

Sulphur Cinquefoil

Tansy Ragwort

Velvetleaf

Water Hemlock

White Cockle





Seedling leaves with serrated leaflet margins



Cancel

#### **Ministry of Agriculture and Lands**

Annual Bluegrass Baby's-Breath

Barnyardgrass

Bladder Campion

Blueweed

Bog Rush

**Bull Thistle** 

Burdock

Canada Thistle

Chicory

Chickweed

Cleavers

**Cluster Tarweed** 

**Common Bugloss** 

Common Tansy

**Common Mallow** 

Corn Spurry

**Creeping Buttercup** 

Crupina

Cudweed

Curled Dock

Dalmatian Toadflax

Diffuse Knapweed

Dodder

Field Bindweed

Field Scabious

Foxtail Barley

Giant Hogweed

Goat's-Beard

Gorse

**Green Foxtail** 

Groundsel

Hemp Nettle

Henbit

Himalayan Balsam

Hoary Alyssum

**Hoary Cress** 

## Field Guide to Noxious and Other Selected Weeds of British Columbia

# Hoary Alyssum (Berteroa incana)



- · Regional noxious weed
- annual to short-lived perennial in the Mustard Family growing erect to 0.7 metres tall; the whole plant covered with star-shaped hairs; upper leaves are elliptic and clasp the stem; white flowers with deeply notched petals; oval seedpods are 5 to 8 mm long, somewhat flattened and held close to the stem

Hound's-tongue

Japanese Knotweed

**Jointed Goatgrass** 

Kochia

Lady's-Thumb

Lamb's-Quarters

Leafy Spurge

Marsh Plume Thistle

Meadow Knapweed

Milkweed

Mullein

Night-Flowering

Catchfly

Nightshade

**Nodding Thistle** 

Nod. Beggar-Ticks

Orange Hawkweed

Oxeye Daisy

Perennial Pepperweed

**Pigweed** 

Pineappleweed

Plantain

Plumeless Thistle

Puncturevine

Purple Nutsedge

Purple Loosestrife

Quackgrass

**Rush Skeletonweed** 

Russian Knapweed

**Russian Thistle** 

Scentless Chamomile

Scotch Broom

Scotch Thistle

Sheep Sorrel

Shepherd's Purse

Sow-thistle

Spotted Knapweed

St. Johns-Wort

Stinkweed

Sulphur Cinquefoil

**Tansy Ragwort** 

Velvetleaf

Water Hemlock

White Cockle



Flattened seedpods held close to the stem







### Ministry of Agriculture and Lands

Annual Bluegrass
Baby's-Breath
Barnyardgrass

Bladder Campion

Blueweed

Bog Rush

**Bull Thistle** 

Burdock

Canada Thistle

Chicory

Chickweed

Cleavers

**Cluster Tarweed** 

**Common Bugloss** 

**Common Tansy** 

Common Mallow

Corn Spurry

**Creeping Buttercup** 

Crupina

Cudweed

Curled Dock

Dalmatian Toadflax

Diffuse Knapweed

Dodder

Field Bindweed

Field Scabious

Foxtail Barley

Giant Hogweed

Goat's-Beard

Gorse

**Green Foxtail** 

Groundsel

Hemp Nettle

Henbit

Himalayan Balsam

Hoary Alyssum

**Hoary Cress** 

## Field Guide to Noxious and Other Selected Weeds of British Columbia

# Hound's-Tongue (Cynoglossum officinale)



Photo courtesy BC Ministry of Forests



#### Provincial Noxious Weed

- biennial taprooted weed growing

   0.5 to 1.2 metres tall; soft, hairy
   rosette leaves (7 to 30 cm long)
   produced in first year resemble the
   shape of a dog's tongue; stem
   leaves are shorter and stalkless;
   dull reddish-purple flowers bear 4
   rounded triangular nutlets (seeds)
   that are covered with hooked
   prickles
- easily spread by seed attachment to clothing and animals
- contains toxic alkaloids that can cause liver damage in grazing animals
- well adapted to forested areas, roadsides and meadows

Hound's-tongue

Japanese Knotweed

**Jointed Goatgrass** 

Kochia

Lady's-Thumb

Lamb's-Quarters

Leafy Spurge

Marsh Plume Thistle

Meadow Knapweed

Milkweed

Mullein

Night-Flowering

Catchfly

Nightshade

**Nodding Thistle** 

Nod. Beggar-Ticks

Orange Hawkweed

Oxeye Daisy

Perennial Pepperweed

**Pigweed** 

Pineappleweed

Plantain

Plumeless Thistle

Puncturevine

Purple Nutsedge

Purple Loosestrife

Quackgrass

**Rush Skeletonweed** 

Russian Knapweed

**Russian Thistle** 

Scentless Chamomile

Scotch Broom

Scotch Thistle

Sheep Sorrel

Shepherd's Purse

Sow-thistle

Spotted Knapweed

St. Johns-Wort

Stinkweed

Sulphur Cinquefoil

**Tansy Ragwort** 

Velvetleaf

Water Hemlock

White Cockle

#### Rosette



Each flower produces 4 burred nutlets (seeds)



Seeds easily attach to passing animals

Wild Chervil

Wild Mustard

Wild Buckwheat

Wild Oats

Witchgrass

Yellow Starthistle

Yellow Toadflax

Yellow Nutsedge

More information on hounds-tongue Return to Field Guide to Noxious and Other Selected Weeds of BC

Print and Close

Cancel



Cancel

#### Ministry of Agriculture and Lands

**Annual Bluegrass** 

Baby's-Breath

Barnyardgrass

**Bladder Campion** 

Blueweed

**Bog Rush** 

**Bull Thistle** 

**Burdock** 

Canada Thistle

Chicory

Chickweed

Cleavers

**Cluster Tarweed** 

**Common Bugloss** 

Common Tansy

Common Mallow

Corn Spurry

Creeping Buttercup

Crupina

Cudweed

Curled Dock

Dalmatian Toadflax

Diffuse Knapweed

Dodder

Field Bindweed

Field Scabious

Foxtail Barley

**Giant Hogweed** 

Goat's-Beard

Gorse

**Green Foxtail** 

Groundsel

Hemp Nettle

Henbit

Himalayan Balsam

Hoary Alyssum

**Hoary Cress** 

Field Guide to Noxious and Other Selected Weeds of British Columbia

Orange Hawkweed (Hieracium aurantiacum)



#### Regional Noxious Weed

- fibrous-rooted perennial with milky juice and above ground runners grows 30 to 60 cm tall; leaves mostly basal; leafless flowering stalk covered with stiff, black, glandular hairs; vibrant orange-red flowers
- similar plants include yellow hawkweed (*Hieracium pratense*) which has yellow flowers and meadow hawkweed (*Hieracium pilosella*), also yellow-flowered but with only one flower head per stem
- over 15 hawkweed species occur in British Columbia. Most are yellow-flowered native plants

Hound's-tongue

Japanese Knotweed

**Jointed Goatgrass** 

Kochia

Lady's-Thumb

Lamb's-Quarters

Leafy Spurge

Marsh Plume Thistle

Meadow Knapweed

Milkweed

Mullein

Night-Flowering

Catchfly

Nightshade

**Nodding Thistle** 

Nod. Beggar-Ticks

Orange Hawkweed

Oxeye Daisy

Perennial Pepperweed

**Pigweed** 

Pineappleweed

Plantain

Plumeless Thistle

Puncturevine

Purple Nutsedge

Purple Loosestrife

Quackgrass

**Rush Skeletonweed** 

Russian Knapweed

**Russian Thistle** 

Scentless Chamomile

Scotch Broom

Scotch Thistle

Sheep Sorrel

Shepherd's Purse

Sow-thistle

Spotted Knapweed

St. Johns-Wort

Stinkweed

Sulphur Cinquefoil

**Tansy Ragwort** 

Velvetleaf

Water Hemlock

White Cockle



Orange hawkweed with stiff, glandular hairs



Yellow hawkweed flower



Cancel

### **Ministry of Agriculture and Lands**

Annual Bluegrass
Baby's-Breath
Barnyardgrass

Bladder Campion

Blueweed

Bog Rush

**Bull Thistle** 

**Burdock** 

Canada Thistle

Chicory

Chickweed

Cleavers

**Cluster Tarweed** 

**Common Bugloss** 

**Common Tansy** 

**Common Mallow** 

Corn Spurry

**Creeping Buttercup** 

Crupina

Cudweed

Curled Dock

Dalmatian Toadflax

Diffuse Knapweed

Dodder

Field Bindweed

Field Scabious

Foxtail Barley

Giant Hogweed

Goat's-Beard

Gorse

**Green Foxtail** 

Groundsel

Hemp Nettle

Henbit

Himalayan Balsam

Hoary Alyssum

**Hoary Cress** 

## Field Guide to Noxious and Other Selected Weeds of British Columbia

## Oxeye Daisy (Chrysanthemum leucanthemum)



- Regional Noxious Weed
- rhizomatous perennial growing erect to 1 metre in height; lower leaves spoon-shaped, coarsely dissected and stalked; upper leaves narrower and stalkless or clasp the stem; daisy-like flowers borne at ends of stems; central yellow disk flowers 10 to 20 mm wide; white ray flowers are 1 to 2 cm long
- often confused with the ornamental Shasta daisy (*Chrysanthemum maximum*) which is a more robust plant with larger flowers; central yellow disk flowers 2 to 3 cm wide; white ray flowers 2 to 3 cm long

Solitary flowers at the end of branches

Hound's-tongue

Japanese Knotweed

**Jointed Goatgrass** 

Kochia

Lady's-Thumb

Lamb's-Quarters

Leafy Spurge

Marsh Plume Thistle

Meadow Knapweed

Milkweed

Mullein

Night-Flowering

Catchfly

Nightshade

**Nodding Thistle** 

Nod. Beggar-Ticks

Orange Hawkweed

Oxeye Daisy

Perennial Pepperweed

**Pigweed** 

Pineappleweed

Plantain

Plumeless Thistle

Puncturevine

Purple Nutsedge

Purple Loosestrife

Quackgrass

**Rush Skeletonweed** 

Russian Knapweed

**Russian Thistle** 

Scentless Chamomile

Scotch Broom

Scotch Thistle

Sheep Sorrel

Shepherd's Purse

Sow-thistle

Spotted Knapweed

St. Johns-Wort

Stinkweed

Sulphur Cinquefoil

**Tansy Ragwort** 

Velvetleaf

Water Hemlock





Infestations not readily grazed due to disagreeable taste Photo courtesy BC Ministry of Forests



Cancel

### Ministry of Agriculture and Lands

Annual Bluegrass

Baby's-Breath

Barnyardgrass

**Bladder Campion** 

Blueweed

Bog Rush

**Bull Thistle** 

Burdock

Canada Thistle

Chicory

Chickweed

Cleavers

**Cluster Tarweed** 

**Common Bugloss** 

Common Tansy

Common Mallow

Corn Spurry

**Creeping Buttercup** 

Crupina

Cudweed

Curled Dock

Dalmatian Toadflax

Diffuse Knapweed

Dodder

Field Bindweed

Field Scabious

Foxtail Barley

Giant Hogweed

Goat's-Beard

Gorse

**Green Foxtail** 

Groundsel

Hemp Nettle

Henbit

Himalayan Balsam

Hoary Alyssum

**Hoary Cress** 

## Field Guide to Noxious and Other Selected Weeds of British Columbia

# Spotted Knapweed (Centaurea maculosa)



- Provincial Noxious Weed
- biennial to short-lived taprooted perennial with branched stems growing to
   1.5 metres in height; deeply cut hairy leaves; very bitter to taste; purple, occasionally white flowers; flowerhead bracts with black-tipped fringe giving head a "spotted" appearance
- one of 13 "knapweed" species in British Columbia

Black-tipped fringe on flowerhead bract

Hound's-tongue

Japanese Knotweed

**Jointed Goatgrass** 

Kochia

Lady's-Thumb

Lamb's-Quarters

Leafy Spurge

Marsh Plume Thistle

Meadow Knapweed

Milkweed

Mullein

Night-Flowering

Catchfly

Nightshade

**Nodding Thistle** 

Nod. Beggar-Ticks

Orange Hawkweed

Oxeye Daisy

Perennial Pepperweed

**Pigweed** 

Pineappleweed

Plantain

Plumeless Thistle

Puncturevine

Purple Nutsedge

Purple Loosestrife

Quackgrass

**Rush Skeletonweed** 

Russian Knapweed

**Russian Thistle** 

Scentless Chamomile

Scotch Broom

Scotch Thistle

Sheep Sorrel

Shepherd's Purse

Sow-thistle

**Spotted Knapweed** 

St. Johns-Wort

Stinkweed

Sulphur Cinquefoil

**Tansy Ragwort** 

Velvetleaf

Water Hemlock





Cancel

### Ministry of Agriculture and Lands

Annual Bluegrass

Baby's-Breath

Barnyardgrass

Bladder Campion

Blueweed

Bog Rush

**Bull Thistle** 

**Burdock** 

Canada Thistle

Chicory

Chickweed

Cleavers

**Cluster Tarweed** 

**Common Bugloss** 

**Common Tansy** 

**Common Mallow** 

Corn Spurry

Creeping Buttercup

Crupina

Cudweed

Curled Dock

Dalmatian Toadflax

Diffuse Knapweed

Dodder

Field Bindweed

Field Scabious

Foxtail Barley

Giant Hogweed

Goat's-Beard

Gorse

**Green Foxtail** 

Groundsel

Hemp Nettle

Henbit

Himalayan Balsam

Hoary Alyssum

**Hoary Cress** 

### Field Guide to Noxious and Other Selected Weeds of British Columbia

St. John's-Wort (Hypericum perforatum)



- perennial from underground runners, growing 0.3 to 1 metre in height; transparent dots are visible over the surface of the oblong leaves when held to light; bright yellow flowers with 5 petals; plants turn a rusty red colour at maturity
- contains a toxin that causes grazing animals to become sensitive to sunlight resulting in intense skin irritation

Showy yellow flowers produce many stamens

Hound's-tongue

Japanese Knotweed

**Jointed Goatgrass** 

Kochia

Lady's-Thumb

Lamb's-Quarters

Leafy Spurge

Marsh Plume Thistle

Meadow Knapweed

Milkweed

Mullein

Night-Flowering

Catchfly

Nightshade

**Nodding Thistle** 

Nod. Beggar-Ticks

Orange Hawkweed

Oxeye Daisy

Perennial Pepperweed

**Pigweed** 

Pineappleweed

Plantain

Plumeless Thistle

Puncturevine

Purple Nutsedge

Purple Loosestrife

Quackgrass

**Rush Skeletonweed** 

Russian Knapweed

**Russian Thistle** 

Scentless Chamomile

Scotch Broom

Scotch Thistle

Sheep Sorrel

Shepherd's Purse

Sow-thistle

Spotted Knapweed

St. Johns-Wort

Stinkweed

Sulphur Cinquefoil

**Tansy Ragwort** 

Velvetleaf

Water Hemlock

White Cockle





Transparent dots on leaves contain a photosensitizing pigment