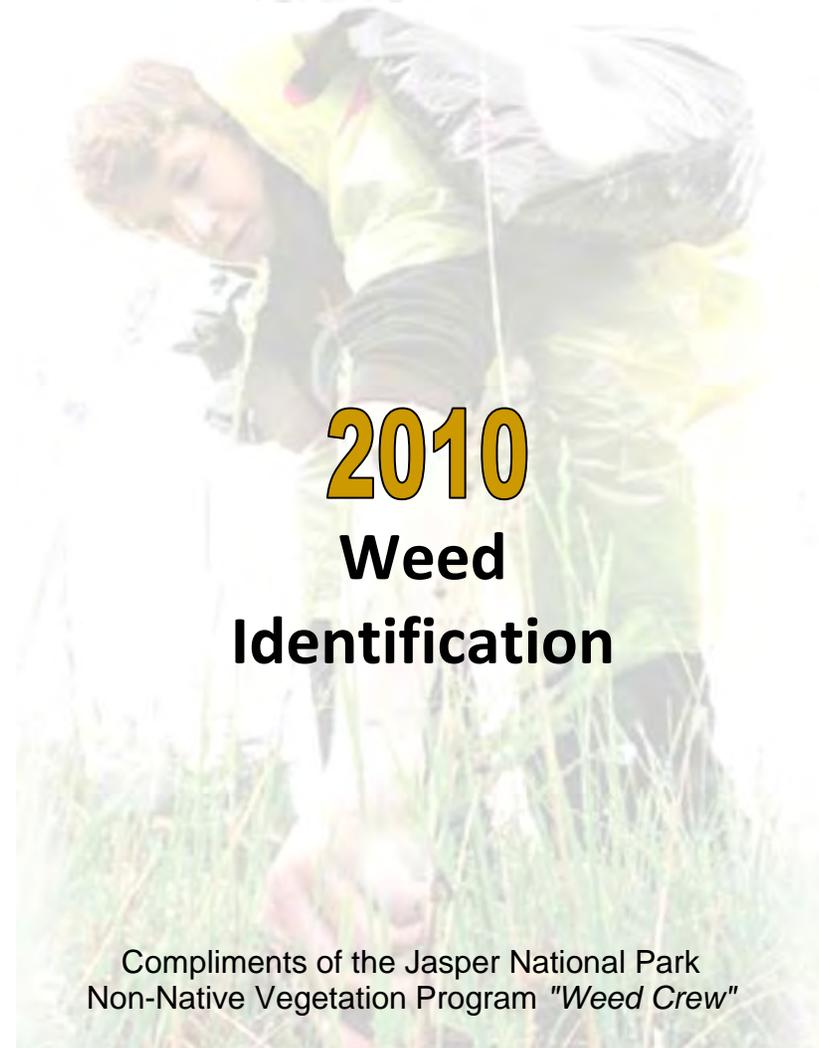




# Non-Native Plants Jasper National Park



## 2010 Weed Identification

Compliments of the Jasper National Park  
Non-Native Vegetation Program "Weed Crew"





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## What is a weed?

A plant is designated as a non-native plant if:

- It is introduced into an area in which it did not originate;
- It competes with native plant species (invasive behaviours); and
- It is ecologically damaging, affecting native biodiversity.

## Management Strategies:

- 1) Education/Awareness: The use of communication to engage the public in non-native vegetation control and prevention.
- 2) Manual/Mechanical: The physical removal of a non-native plant via picking, whipping or mowing.
- 3) Chemical: The use of herbicide to control noxious or restricted non-native plants if no other control method is effective.

# Dalmation Toadflax

*Linaria dalmatica* (LIDA)



**Height:** up to 1.5m

**Flowers:** yellow, snapdragon appearance

**Leaves:** greenish-blue, waxy texture, alternate, lance-shaped, hairless

**Stem:** often branched, smooth, bunched

**Month:** early May, flowers in June

**Where:** wide spread; prefers sunny, south facing slopes, roadsides, disturbed areas

# Iceland Poppy

*Papaver nudicaule* (PANU)



**Height:** up to 1-2m

**Flowers:** paper-thin; colours varied (yellow, orange, salmon, rose, pink, white, bicolour)

**Leaves:** clustered, compound, near base of plant

**Stem:** hairy, contains milky sap which can cause irritation

**Month:** May to July

**Where:** mainly gardens

# Shepherd's-Purse

*Capsella bursa-pastoris* (CABU)



**Height:** up to 80cm

**Flowers:** white, small with 4 petals, clustered at ends of branches

**Seeds:** in heart-shaped, purse-like pod

**Leaves:** alternate, basal, deeply lobed

**Stem:** covered with small grey hairs

**Month:** mid May

**Where:** gardens, yards, cultivated fields, and roadsides

# Yellow Clematis

*Clematis tangutica* (CLTA)



**Height:** up to 4m

**Flowers:** yellow lantern or small bells; seeding blooms are white and longhaired

**Leaves:** opposite, green, lance-like, irregular, serrated

**Stem:** woody creeping vine with reddish brown colour

**Month:** flowers mid-June, seeds in fall

**Where:** roadsides, industrial areas, fences and trees

# Tall Hedge Mustard

*Sisymbrium Loeselii* (SILO)



**Height:** up to 2m

**Flowers:** yellow, small, 4 petals, clustered at top

**Leaves:** alternate, coarse lobes, irregular teeth

**Stem:** erect, taproot, branches at top

**Seeds:** needle like, alternate along stem

**Month:** mid May to late September

**Where:** disturbed areas, trails, roadsides, and railroads

# Scentless Chamomile

*Matricaria perforata* (MAPE)



**Height:** up to 1m

**Flowers:** daisy-like rays with a yellow centre

**Leaves:** alternate, divided into narrow segments, fern like

**Stem:** hairless, numerous branches

**Month:** late June

**Where:** roadsides, disturbed areas, fence lines, and ditches

# Tufted Vetch

*Vicia cracca* L. (VICR)



**Height:** 40cm to 2m long

**Flowers:** bluish purple, pea-like, crowded together on one side of long stalk

**Leaves:** alternate, compound, 8-12 pairs, bristle-tipped leaflets and branching tendrils

**Stem:** long, weak, wiry, trailing or climbing

**Month:** mid May to September

**Where:** disturbed areas, roadsides, ditches, and gardens

# Dog Mustard

*Erucastrum gallicum* (ERGA)



**Height:** up to 20cm

**Flowers:** pale yellow, 4 petals, clustered near ends

**Leaves:** deeply lobed, alternate, and covered in stiff hairs

**Stem:** many branches, downward pointing hairs

**Month:** early June to late September

**Where:** disturbed areas, trails, roadsides, and railroads

# Canada Thistle

*Cirsium arvense* (CIAR)



**Height:** up to 1.2m

**Flowers:** numerous, pinkish-purple, discs, and florets

**Leaves:** stalkless, curled and wavy surface, prickly-toothed lobes

**Stem:** leafy, hollow, branches off near top

**Month:** mid July

**Where:** ditches, disturbed areas, water banks and fields

# Stinkweed

*Thlaspi arvense* (THAR)



**Height:** 5 to 60cm

**Flowers:** small, white, terminal clusters, 4 petals

**Seeds:** flat heart-shaped pod, 4-16 seeds

**Leaves:** alternate, stalkless, clasp stem, margins smooth

**Stem:** branched at base, hairless, pale green

**Month:** mid to late May

**Where:** fields, gardens, and disturbed areas

# Peppergrass

*Lepidium densiflorum* schrad. (LEDE)



**Height:** up to 60cm

**Flowers:** very small, 4 pinkish-white petals

**Seeds:** heart-shaped pods, opposite, contain 2 seeds

**Leaves:** basal, alternate, and deeply lobed

**Stem:** bushy plant, covered with dense and short hairs, many branches, and greyish-green appearance

**Month:** mid to late May

**Where:** roadsides, wasteland and disturbed areas

# Russian Thistle

*Salsola kali* (SAKA)



**Height:** up to 1.2m

**Flowers:** small, pinkish green, inconspicuous

**Leaves:** alternate, threadlike

**Stem:** spiny, many branches, striped with red

**Month:** mid July

**Where:** disturbed areas

# Bluebur

*Lappula squarrosa* (LASQ)



**Height:** approximately 60cm

**Flowers:** small, blue, clustered, appear at ends of stems; seeds are hooked prickles

**Leaves:** alternate, reduced in size upwards

**Stem:** many branches, covered in stiff white hairs

**Month:** early June

**Where:** near buildings, roadsides, and disturbed areas

# Leafy Spurge

*Euphorbia esula* (EUES)



**Height:** up to 80cm

**Flowers:** greenish yellow, umbrella shaped, clustered at ends of branches

**Leaves:** alternate or opposite, sometimes whorled below flowers

**Stem:** smooth, somewhat woody, milky greenish white sap

**Month:** May to early June

**Where:** riverbanks, roadsides, and pastures

# Knapweed

*Centaurea maculosa* Lam. (CEMA)



**Height:** up to 1.5m

**Flowers:** ends of branches, purplish, disc florets

**Leaves:** alternate, long, hairy, narrow segments

**Stem:** green, purple striped, many branches

**Month:** mid August

**Where:** roadsides, ditches

# Caraway

*Carum carvi* L. (CACA)



**Height:** up to 0.6m

**Flowers:** white or pink, very small, in umbrella shape

**Leaves:** finely divided, feathery, threadlike divisions  
(similar to carrot)

**Stem:** grooved, hollow, branched

**Month:** early May

**Where:** roadsides

# Lambs-Quarters

*Chenopodium album* L. (CHAL)



**Height:** up to 2.5m

**Flowers:** no petals, small, greenish/blue, clustering, grow at stem tips

**Leaves:** alternating, green above and mealy white below

**Stem:** many branches, stripped with pink or purple

**Month:** mid June

**Where:** disturbed areas

# Hawkweed

*Hieracium canadense* (HICA)



**Height:** up to 1m

**Flowers:** numerous, yellow

**Leaves:** basal and narrow

**Stem:** thin, branched at top

**Month:** early May

**Where:** roadsides, ditches, disturbed areas

# Common Tansy

*Tanacetum vulgare* L. (TAVU)



**Height:** up to 1.8m

**Flowers:** yellow, numerous, button-like, dense and flat-topped clusters at top of stem

**Leaves:** deeply divided, fern-like

**Stem:** many per plant, purplish-red with dotted glands

**Month:** early July

**Where:** roadsides, banks, gardens, and railroad

# Bladder Campion

*Silene cucubalus* (SICU)



**Height:** up to 1m

**Flowers:** white, light green or pink, branching clusters, 5 united sepals form bladder-like calyx

**Leaves:** opposite, lance shaped

**Stem:** smooth, light green, waxy texture

**Month:** early June

**Where:** ditches, roadsides, gardens, lawns, grasslands

# Tall Buttercup

*Ranunculus acris* (RAAC)



**Height:** up to 1m

**Flowers:** yellow, shiny, 5 petals

**Leaves:** basal leaves deeply divided into 3-7 lobe segments; stem leaves lobed, alternate and somewhat hairy

**Stem:** several stems, somewhat hairy

**Month:** mid May

**Where:** horse corrals, meadows

# Ox-eye Daisy

*Chrysanthemum leucanthemum* L. (CHLE)



**Height:** up to 1m

**Flowers:** white rays, yellow centre

**Leaves:** deeply toothed, spatulate, alternate, glossy

**Stem:** hairless, smooth, glossy

**Month:** late June

**Where:** roadsides, ditches, disturbed areas