

CKIPC Terrestrial Invasive Plant Priority List

CATEGORY 1: EARLY DETECTION & RAPID RESPONSE (EDRR)

New species not present in BC or in the Central Kootenay area but likely to establish if introduced. Early detection and rapid response is the main management focus.

NOT KNOWN IN CENTRAL KOOTENAY - REPORT ALL SIGHTINGS

Invasive Plant Category	Legislation			Locations of Concern (outside Central Kootenay)
	WCA ¹	FRPA ²	CCA ³	
Black henbane (<i>Hyoscyamus niger</i>)				On Idaho and Boundary Weed Management Committee (BWMC) list.
Black Knapweed (<i>Centaurea nigra</i>)		√		Confirmed in Ferry, Stevens, Pend Oreille Counties in Washington State.
Buffalobur (<i>Solanum rostratum</i>)				On Idaho list.
Common bugloss (<i>Anchusa officinalis</i>)		√		Confirmed in Rock Creek, Kelowna, south Okanagan, and Keremeos and in Ferry and Pend Oreille Counties in Washington State.
Common crupina (<i>Crupina vulgaris</i>)	P			On Idaho & BWMC list.
Common reed (<i>Phragmites australis</i> subsp. <i>australis</i>)	P		√	Confirmed in Vernon, Osoyoos and Coastal BC.
Cypress spurge (<i>Euphorbia cyparissias</i>)				On BWMC list.
Dyer's woad (<i>Isatis tinctoria</i>)				On Idaho list.
Garlic mustard (<i>Alliaria petiolata</i>)	P			Confirmed in Coastal BC.
Gorse (<i>Ulex europaeus</i>)	P	√	√	Confirmed in Southern Vancouver Island, Gulf and Queen Charlotte Islands and the West coast Washington State.
Longspine sandbur (<i>Cenchrus longispinus</i>)				Confirmed in the South Okanagan and one site in Boundary.
Marsh plume thistle (<i>Cirsium palustre</i>)		√		Confirmed in Cariboo, Robson valley between McBride and Prince George.
Meadow clary (<i>Salvia pratensis</i>)				On EKIPC list.
Nodding thistle (<i>Carduus nutans</i>)		√		Confirmed in the Boundary, Similkameen, and Okanagan and in Idaho Statem Okanagan, Spokane, Pend Oreille Counties in Washington State.
Perennial pepperweed (<i>Lepidium latifolium</i>)		√		Confirmed in Vancouver, Walachin, Cranbrook, and Windermere and in Ferry, Stevens, Pend Oreille Counties in Washington State and the Boundary County, Idaho.
Puncturevine (<i>Tribulus terrestris</i>)		√		Confirmed in the South Okanagan (Oliver to Osooyos Lk), Boundary and in Okanagan County, Washington State and Idaho State. Protect entry into Pend D'Oreille.
Russian knapweed (<i>Acroptilon repens</i>)		√		Confirmed in the Thompson, Okanagan and Kootenay. Okanogan, Ferry, Stevens, Pend Oreille Counties in Washington State. Idaho State.
Squarrose knapweed				EDRR in Idaho. ⁴

¹ Weed Control Act; P=Provincial Noxious; R=Regional Noxious for Central Kootenay

² Forest and Range Practices Act

³ Community Charter Act

⁴ Early Detection and Rapid Response species

CKIPC Terrestrial Invasive Plant Priority List

(<i>Centaurea virgata</i> var. <i>squarrosa</i>)				
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Syrian Beancaper (<i>Zygophyllum fabago</i>)				EDRR in Idaho.
Velvetleaf (<i>Abutilon theophrasti</i>)	P			On BWMC list.
Wild Four O'Clock (<i>Myrabilis nyctaginea</i>)				On BWMC list. Class A in Washington State.
Yellow starthistle (<i>Centaurea solstitialis</i>)	P	√	√	Confirmed in Stevens County, Washington State. Protect entry into Pend D'Oreille and Creston area.

CATEGORY 2: ERADICATION OR ANNUAL CONTROL

New species to the CKIPC area with limited distribution and low density on infested sites. Species invading susceptible habitats, sensitive areas, or sites containing red- or blue-listed species. New infestations of established species in the area beyond the original population.

ERADICATION OR ANNUAL CONTROL IS THE MAIN MANAGEMENT FOCUS.

CHECK IAPP FOR KNOWN SITES AND REPORT NEW LOCATIONS.

Invasive Plant Category	Legislation			Known Infestation in the Central Kootenay
	WCA	FRPA	CCA	
Blueweed (<i>Echium vulgare</i>)	R	√		Confirmed in Creston area, Yahk, Powder Creek, Salmo, Kaslo (Woodbury), Whatshan (1 plant) and Nakusp. Relatively abundant in Creston so containment is main focus there. Report sightings outside these areas.
Coltsfoot (<i>Tussilago farfara</i>)				Known in the Kaslo, Retallack, Meadow Creek areas.
Field bindweed (<i>Convolvulus arvensis</i>)				Known in gardens in Nelson and perhaps other parts of CKIPC area. No records in IAPP.
Giant hogweed (<i>Heracleum mantegazzianum</i>)	P			Limited distribution in Kaslo and Hills on private land.
Greater celandine (<i>Chelidonium majus</i>)				One site at Little Slokan Lake Forestry Recreation Site.
Hoary cress (<i>Cardaria draba</i>)		√		Known in Columbia Gardens, Trail, Fruitvale, Rossland and Pend D'Oreille areas. Report sightings outside these areas.
Himalayan blackberry (<i>Rubus discolor</i>)			√	Known in small patches through CKIPC region. More inventory required.
Japanese butterbur (<i>Petasites japonicus</i>)				Known in Rossland, Kaslo and Slokan. Species not in IAPP.
Knotweed (Japanese, Giant and Bohemian) (<i>Polygonum</i> spp.)	P	√		Found throughout the Central Kootenay. Introduced as a garden ornamental and spread by dumping. Report isolated and remote sites. Eradication goal outside private land.
Leafy spurge (<i>Euphorbia esula</i>)	P	√	√	Known in Creston (on private land) and in Kitchener (on highway).
Mouse-ear hawkweed (<i>Hieracium pilosella</i>)		√	√	Known in Kokanee Creek Park and previously in Champion Lakes Provincial Park. Report all sightings.
Russian olive (<i>Elaeagnus angustifolia</i>)				Limited distribution in Nelson on private land. No sites in IAPP. More inventories required.
Salt Cedar (<i>Tamarix aphylla</i>)			√	Recorded sites in Nelson, Trail and Montrose. Likely on private land throughout Central Kootenay. Inventory required.

CKIPC Terrestrial Invasive Plant Priority List

Scotch thistle (<i>Onopordum acanthium</i>)		√		Isolated sites on private land including Thrums (eradicated), Harrop and Rossland. Previously found at two locations in the Pend d'Oreille (mid-1990's) but was successfully handpulled. Report all sightings.
Sea buckthorn (<i>Hippophae rhamnoides</i>)				Known in Creston. Species not in IAPP.
Tansy ragwort (<i>Senecio jacobaeae</i>)	P	√	√	One isolated plant found on private land south of Kaslo. Handpulled in 2010, monitor. Report all sites.
Teasel (Fuller's) (<i>Dipsacus fullonum</i>)		√		Isolated patches in Rossland, Paterson, Trail, Pend D'Oreille, Creston, and Wynndel.
Yellow Bedstraw (<i>Galium verum</i>)				Known only at Kokanee Creek Provincial Park. Samples to be collected. Species not in IAPP.
Yellow Flag Iris (<i>Iris pseudacorus</i>)	P	√	√	Found in throughout region in garden ponds. Known in the Creston Valley Wildlife Management Area, Kootenay Lake, Kootenay Canal, Arrow Lake, Erie Lake, Meldeanna Pond, Nancy Greene Lake, Salmo River and Pend D'Oreille. Report sites outside these areas.
<p>CATEGORY 3: CONTAINMENT</p> <p>Established infestations along transportation corridors and areas of concentrated activities such as trails, campgrounds, parking lots, garbage dumps, maintenance yards, and gravel pits. These species are well established in some parts of the Central Kootenay but not present throughout most of the region.</p> <p>CONTROL AND CONTAINMENT ARE THE MAIN MANAGEMENT FOCUS.</p> <p>REPORT SIGHTINGS IN AREAS OUTSIDE KNOWN DISTRIBUTION.</p>				
Invasive Plant Category	Legislation			Known Infestation in the Central Kootenay
	WCA	FRPA	CCA	
Baby's breath (<i>Gypsophila paniculata</i>)		√	√	Found in the Castlegar (Robson) area, Edgewood, Nakusp and Creston. Report sightings outside these locations.
Bristly locust (<i>Robinia hispida</i>)				Found in the Trail/Fruitvale areas, Thrums and Kokanee Creek Park. Many sites not in IAPP since inventory was completed before species was in IAPP. Report sites outside these areas.
Common tansy (<i>Tanacetum vulgare</i>)	R	√		Found throughout the Central Kootenay. Range is expanding along roadsides and through riparian areas. Map region to determine containment lines. Report remote or isolated sites.
Field scabious (<i>Knautia arvensis</i>)	R	√		Known only in Salmo, with isolated patches near Ymir (Porcupine Road), Meadows and Pend D'Oreille. Report sightings outside these areas.
Hairy cat's ear (<i>Hypochaeris radicata</i>)				Known from Thrums to Nelson, north shore of Kootenay Lake, and Fauquier. Only one site in IAPP. Further information required.
Hoary alyssum (<i>Berteroa incana</i>)	R	√		Found throughout the Central Kootenay. Main infestation is the Pend d'Oreille/Columbia Gardens/Fruitvale/Rossland area with increasing populations in the Castlegar/Robson to Deer Park areas. Sporadic to Nelson and Balfour, increasing in Harrop/Procter. Report sightings north of Slocan, east of Creston, and isolated/remote areas.
Meadow/brown knapweed (<i>Centaurea pratensis</i>)		√		Found throughout the Fauquier/Octopus Creek, East Arrow, Nakusp to Fauquier areas. One patch in Incommappleux. Report sightings outside this area.
Plumeless thistle (<i>Carduus acanthoides</i>)	R	√		Known in the Pend D'Oreille, Columbia Gardens, Trail, Paterson and Fort Shepherd areas. Two sites in Castlegar. Found in Creston recently. Report sites outside these areas.
Policeman's helmet/ Himalayan balsam (<i>Impatiens glandulifera</i>)			√	Particularly abundant in southern portion of the Central Kootenay region. Introduced as a garden ornamental and found in gardens through region. Report remote sites or sites on waterways.

CKIPC Terrestrial Invasive Plant Priority List

Purple Loosestrife (<i>Lythrum salicaria</i>)	P	√	√	Currently found from the 6-mile area of the north shore of Nelson along Kootenay Lake and River to the Kootenay Canal area near Shoreacres. Isolated patches in Fauquier, Trail, Meldeanna pond, Wyndel, Ainsworth and Balfour. A few plants were found at the oxbow near Selkirk College in the 1990's. Report isolated and remote sites.
Queen Anne's Lace (<i>Daucus carota</i>)				Relatively abundant from Nakusp to Fauquier and Whatshan. Also found in southern portion of region up to Meadow Creek, Nakusp, and Slocan Valley. Most sites not in IAPP because this species was not listed prior to inventories.
Rush skeletonweed (<i>Chondrilla juncea</i>)	P	√	√	Contain to Crescent Valley, Krestova, Passmore, Slocan Park, Glade, Shoreacres and Pass Creek. Two small sites near Creston (Sirdar railway siding and Erickson). One extremely small site (1 plant) was discovered in Harrop at the start of the Lasca Creek road. Report all sites outside these areas.
Scentless chamomile (<i>Matricaria maritima</i>)	P	√	√	Relatively abundant in Edgewood and Burton. Small patches found at Nancy Greene Summit, Nelson (Giveout Creek, Smallwood, Sproule Creek), Harrop, Fruitvale, Salmo, Creston and Yahk. Report sites outside these areas.
Scotch broom (<i>Cytisus scoparius</i>)		√	√	Abundant in Nelson and the north and east shores of Kootenay Lake. Contain to this region. Isolated patches throughout CKIPC region. Report remote or isolated sites.
Siberian Elm (<i>Ulmus pumila</i>)				May be widely distributed throughout the region but there is no data in IAPP. Inventory required.

CATEGORY 4: BIOCONTROL OR HIGH PRIORITY SITES

Established low to high density infestations that are widely distributed throughout the Central Kootenay area and/or have biocontrol options. **BIOCONTROL OR CONTROL AT HIGH PRIORITY SITES ARE THE PRIMARY MANAGEMENT FOCUS.**

Invasive Plant Category	Legislation			Known Infestation in the Central Kootenay
	WCA	FRPA	CCA	
Black locust (<i>Robinia pseudoacacia</i>)				Found throughout southern portion of CKIPC region (Pend D'Oreille, Trail, Fruitvale, Waneta, Castlegar, Nelson, and Kaslo. More inventories required. Report north of Slocan.
Bull thistle (<i>Cirsium vulgare</i>)		√	√	Found throughout the Central Kootenay
Burdock (<i>Arctium minus</i>)		√		Found sporadically throughout the Central Kootenay
Canada thistle (<i>Cirsium arvense</i>)	P	√	√	Found throughout the Central Kootenay. Particularly abundant at the north end of Kootenay Lake.
Common toadflax (<i>Linaria vulgaris</i>)	P	√	√	Found scattered throughout the Central Kootenay
Dalmatian toadflax (<i>Linaria dalmatica</i>)	P	√	√	Found in relatively small patches throughout the CKIPC area. Biocontrol appears to have been effective in reducing the once abundant populations of this species.
Diffuse knapweed (<i>Centaurea diffusa</i>)	P	√		Limited infestations at west end of the Pend d'Oreille valley, Beaver Creek Park, and at Columbia Gardens. (Not to be confused with the white flowered spotted knapweed that is often seen in Castlegar and Salmo/Fruitvale). Data in IAPP mostly is spotted knapweed. Report sites outside these areas.

CKIPC Terrestrial Invasive Plant Priority List

Hound's tongue (<i>Cynoglossum officinale</i>)	P	√	√	Found primarily in the Pend D'Oreille and Creston areas, with smaller populations appearing in Blewett, Harrop, Fruitvale, Castlegar, South Slokan and New Denver. Biocontrol option available. Report large infestations outside these areas.
Orange hawkweed (<i>Hieracium aurantiacum</i>)	R	√		Found throughout the Central Kootenay in relatively low abundance, although dense patches in Nelson, north shore of Kootenay Lake, Kaslo and north. Report isolated or remote sites.
Spotted knapweed (<i>Centaurea biebersteinii</i>)	P	√	√	Found throughout the Central Kootenay area except in only small patches in East Arrow Park, Incomappleux Valley, and high elevations. Biocontrol options available.
St. John's Wort (<i>Hypericum perforatum</i>)		√	√	Throughout the Central Kootenay. Particularly abundant in the Pend D'Oreille. Biocontrol has been used since 1950's.
Sulphur cinquefoil (<i>Potentilla recta</i>)		√		Found throughout the Central Kootenay, with greater abundance in drier areas, particularly in the Pend D'Oreille valley and Robson to Deer Park.
Wormwood (Absinth) (<i>Artemisia absinthium</i>)				Found in isolated patches throughout the southern part of the CKIPC region to Kaslo.
Yellow hawkweeds (<i>Hieracium spp.</i>)		√	√	Found throughout the Central Kootenay. Difficult to identify to species. Biocontrol options being developed.