

CSISS PRIORITY INVASIVE PLANT LISTS- UPDATED 2019

B.C. Proposed Prohibited Noxious Weed List

B.C. Proposed Prohibited Noxious Weed List- The following plant species are not present in B.C. or are present but in extremely limited extent. Provincial government takes lead role in treatments. Report these species through Report-A-Weed app.		
Species Name * Currently not known in CSISS Region	Ranking	Report for:
African rue (PEGA HAR)*	1+	ALL IPMA's
Black henbane (HYSO NIG)*	1+	ALL IPMA's
Brazilian elodea (EGER DEN)*	1+	ALL IPMA's
Camel thorn (ALHA MAU)*	1+	ALL IPMA's
Common crupina (CRUP VUL)*	1+	ALL IPMA's
Common reed (PHRA AUS)*	1+	ALL IPMA's
Cordgrass, dense-flower (SPAR DEN)*	1+	ALL IPMA's
Cordgrass, salt meadow (SPAR PAT)*	1+	ALL IPMA's
Cordgrass, smooth (SPAR ALT)*	1+	ALL IPMA's
Cordgrass, common (SPAR ANG)*	1+	ALL IPMA's
Dyer's woad (ISAT TIN)*	1+	ALL IPMA's
Eggleaf spurge (EUPH OBL)*	1+	ALL IPMA's
False brome, slender (BRAC SYL)*	1+	ALL IPMA's
Flowering rush (BUTO UMB)*	1+	ALL IPMA's
Foxtail, slender / meadow (ALOP MYO)*	1+	ALL IPMA's
Geranium, Shiny (GERA LUC)*	1+	ALL IPMA's
Giant reed (ARUN DON)*	1+	ALL IPMA's
Goat's rue /French lilac (GALE OFF)*	1+	ALL IPMA's
Halogeton / Saltover (HALO GLO)*	1+	ALL IPMA's
Hawkweed, mouse-ear (HIER PIL)*	1+	ALL IPMA's
Hyacinth, water (EICH CRA)*	1+	ALL IPMA's
Hydrilla (HYDR VER)*	1+	ALL IPMA's
Johnsongrass (SORG HAL)*	1+	ALL IPMA's
Jointed goatgrass (AEGI CIL)*	1+	ALL IPMA's
Knapweed, squarrose (CENT VIR)*	1+	ALL IPMA's
Kudzu (PUER MON)*	1+	ALL IPMA's
Meadow clary (SALV PRA)*	1+	ALL IPMA's
Medusahead (TAEN CAP)*	1+	ALL IPMA's
Nightshade, silverleaf (SOLA ELA)*	1+	ALL IPMA's
North Africa grass (VENT DUB)*	1+	ALL IPMA's
Nutsedge, purple (CYPE ROT)*	1+	ALL IPMA's
Perennial pepperweed (LEPI LAT)*	1+	ALL IPMA's
Red bartsia (ODON SER)*	1+	ALL IPMA's
Sage, clary (SALV SCL)*	1+	ALL IPMA's
Sage, Mediterranean (SALV AET)*	1+	ALL IPMA's
Spring millet grass (MILI VER)*	1+	ALL IPMA's
Spurge flax (THYM PAS)*	1+	ALL IPMA's
Starthistle, Iberian (CENT IBE)*	1+	ALL IPMA's
Starthistle, Maltese (CENT MEL)*	1+	ALL IPMA's
Starthistle, purple (CENT CAL)*	1+	ALL IPMA's
Starthistle, yellow (CENT SOL)*	1+	ALL IPMA's
Syrian bean-caper (ZYGO FAB)*	1+	ALL IPMA's
Texas blueweed (HELI CIL)*	1+	ALL IPMA's
Thistle, Italian (CARD PYC)*	1+	ALL IPMA's
Thistle, slender-flowered (CARD TEN)*	1+	ALL IPMA's
Water lettuce (PIST STR)*	1+	ALL IPMA's
Water soldier (STRA ALO)*	1+	ALL IPMA's
Yellow floating heart (NYMP PEL)*	1+	ALL IPMA's

For online version of B.C. Proposed Prohibited Noxious Weeds, visit:

https://www.for.gov.bc.ca/hra/Plants/publications/Proposed_Prohibited_Noxious_Weeds_Feb2019.pdf

Revised March 2019

Invasive Plant Watchlist for Columbia Shuswap

CSISS WATCHLIST will contain priority level 1 invasive plants currently not known in the Columbia Shuswap Region. EDRR regional protocols will be followed.		
Species Name	Ranking	Report for:
*Currently not known in CSISS region		
Buffalobur* (SOLA ROS)	1	ALL IPMA's
Bur chervil* (ANTH CAU)	1	ALL IPMA's
Colt's foot* (TUSS FAR)	1	ALL IPMA's
Garlic mustard* (ALLI PET)	1	ALL IPMA's
Gorse* (ULEX EUR)	1	ALL IPMA's
Greater knapweed* (CENT SCA)	1	ALL IPMA's
Himalayan knotweed* (POLY POL)	1	ALL IPMA's
Kochia (KOCH SCO) *	1	ALL IPMA's
Longspine sandbur* (CENC LON)	1	ALL IPMA's
Nodding thistle* (CARD NUT)	1	ALL IPMA's
Plumeless thistle* (CARD ACA)	1	ALL IPMA's
Puncturevine* (TRIB TER)	1	ALL IPMA's
Russian thistle* (SALS KAL)	1	ALL IPMA's
Tansy ragwort* (SENE JAC)	1	ALL IPMA's
Wild Four O'Clock* (MIRA NYC)	1	ALL IPMA's
Wood sage* (SALV NEM)	1	ALL IPMA's

Unlisted Lower Priority Species for Columbia Shuswap

UNLISTED Lowest Priority in all IPMAs (therefore not included in ranking, but some jurisdictions may still control - consider as priority 4)		
Species Name	Rank	IPMA
Annual hawksbeard (CREP TEC)	6	All
Bladder Campion (SILE VUL)	6	All
Cudweed (GNAP ULI)	6	All
Groundsel (SENE VUL)	6	All
Mullein (VERB THA)	6	All
Sheep sorrel (RUME ACE)	6	All
Shepherd's purse (CAPS BUR)	6	All
Watercress (NAST OFF)	6	All
White Cockle (LYCH ALB)	6	All
Wild buckwheat (POLY CON)	6	All

Definition of Priority Ranking Categories for Invasive Plants

Priority Ranking	Description
<p style="text-align: center;">Provincial EDRR (1+)</p> <p style="text-align: center;">Regional EDRR (Prevention) (1)</p>	<p>These invasive plant species are proposed BC Prohibited Noxious Weeds and candidates for the BC Early Detection Rapid Response Program. CSISS reports occurrences to FLNRO; FLNRO will initiate treatment. For a list of current species, see: BC Government Noxious Weeds</p> <p>These species are not currently known in this IPMA (and may also not be known in the CSISS region- CSISS Watchlist Species) or brand new incursions and high risk invasive plant species that are extremely limited in extent (less than 10 very small sites) within the Columbia Shuswap Regional District Boundary. Regional EDRR species do not include Provincial Prohibited Species. The goal for these species is immediate eradication if they are detected. Regional EDRR reporting and action protocols for these species are outlined in Section 3.4 of the Operational Plan. These sites are extremely high priority for treatment and eradication is the management objective.</p>
<p style="text-align: center;">ERADICATION OR ANNUAL CONTROL (2)</p>	<p>These species are known in the IPMA but with very limited distribution. Some of these species may have been present for a relatively long period so monitoring for spread is the management objective. Other species are relatively new to the IPMA so eradication is the objective.</p>
<p style="text-align: center;">CONTAINMENT (3)</p>	<p>These species are abundant (with no expectation of eradication) in certain portions of the IPMA but have not yet infested all potential habitats. Management efforts are delineated by containment lines which may be based on geographic (i.e. a specific region) or jurisdictional boundaries (e.g. private gardens only). Some of these species have biocontrol (BC) agents available which may be useful within the containment line. Containment is the management objective.</p>
<p style="text-align: center;">ESTABLISHED (BIOCONTROL OR SITE-SPECIFIC APPROACH) (4)</p>	<p>These are widespread species that are beyond landscape-level control and/or have relatively low impact. Land managers may choose to treat these species at high priority sites (e.g. wildlife habitat, corridors of spread, adjacent to agricultural land, restoration goals, etc.) based on specific land management objectives. Some of these species have biological control agents available.</p>
<p style="text-align: center;">INSUFFICIENT INFORMATION (5)</p>	<p>There is insufficient information for these species on their distribution, impacts, potential for spread and/or feasibility of control. In some cases, species have also been classified in one of the other categories because enough is known about their distribution. They also appear in this category because further information is still required.</p>

Priority invasive plants in the Columbia Shuswap by IPMA

Species	Bio-control?	Relevant legislation ¹	Salmon Arm IPMA	Revelstoke IPMA	Golden IPMA
Annual sow thistle (SONC OLE)		WCA, CCSCJ	4	4	4
Baby's breath (GYPS PAN)		CCSCJ, FRPA	2	2	2
Bachelor's button (CENT CYA)			5	5	5
Bighead knapweed (CENT MAC)			1	1	1
Black knapweed (CENT NIG)	Y	FRPA	2	2	1
Black locust (ROBI PSE)			5	5	5
Blueweed (ECHI VUL)		WCA, FRPA	2	2	2
Bohemian knotweed (FALL BOH)		WCA, CCSCJ	2	2	2
Brown Knapweed (CENT JAC)		FRPA	5	5	1
Buffalobur (SOLA ROS)			1	1	1
Bull thistle (CIRS VUL)	Y	CCSCJ, FRPA	4	4	4
Bur chervil (ANTH CAU)		WCA	1	1	1
Burdock (ARCT SPP)		WCA, FRPA	4	4	4
Canada thistle (CIRS ARV)	Y	WCA, CCSCJ, FRPA	4	4	4
Caraway (CARU CAR)			1	2	2
Chicory (CICH INT)			4	4	4
Colt's Foot (TUS FAR)			1	1	1
Common bugloss (ANCH OFF)			1	1	1
Common comfrey (SYMP OFF)			4	4	4
Common tansy (TANA VUL)		WCA, FRPA	3	3	2
Contain to gardens: - Butterfly bush (BUDD DAV) - Common periwinkle (VINC MIN) - English holly (ILEX AQU) - English ivy (HEDE HEL) - Garden yellow loosestrife(LYSI VUL) - Goutweed (AEGO POD) - Japanese butterbur (PETA JAP) - Mountain bluet (CENT MON) - Russian olive (ELAE ANG) - Salt cedar/ Tamarisk (TAMA RAM) - Siberian elm (ULMU PUM)		CCSCJ (English ivy, Salt cedar)	3	3	3
Creeping buttercup (RANU REP)			5	5	5
Curled dock (RUME CRI)			4	4	4
Curly leaf pondweed (POTA CRI)		CCSCJ	5	1	1

Cypress spurge (EUPH CYP)			2	1	2
Dalmatian toadflax (LINA DAL)	Y	WCA, CCSCJ, FRPA	4	4	4
Dame's rocket (HESP MAT)			5	5	5
Diffuse knapweed (CENT DIFF)	Y	WCA, CCSCJ, FRPA	4	4	2
Eurasian Water Milfoil (MYRI SPI)		CCSCJ	3	3	1
Eyebright (EUPH NEM)			5	5	5
Field bindweed (CONV ARV)			5	5	5
Field scabious (KNAU ARV)		FRPA	2	1	1
Flat Peavine (LATH SYL)			5	5	5
Fragrant water lily (NYMP ODO)			3	1	1
Garlic mustard (ALLI PET)		WCA, CCSCJ	1	1	1
Giant hogweed (HERA MAN)		WCA, CCSCJ	1	1	1
Giant knotweed (FALL SAC)		CCSCJ, FRPA	1	1	1
Gorse (ULEX EUR)		WCA, CCSCJ, FRPA	1	1	1
Greater celandine (CHEL MAJ)			5	5	5
Greater knapweed (CENT SCA)			1	1	1
Green foxtail / green bristlegrass (SETA VIR)			5	5	5
Hairy cat's ear (HYPO RAD)			5	5	5
Hawkweed spp. (HIER SPP) (see yellow hawkweeds)			4	4	4
Himalayan blackberry (RUBU ARM)		CCSCJ	2	2	5
Himalayan knotweed (POLY POL)		WCA	1	1	1
Hoary alyssum (BERT INC)		FRPA	4	2	2
Hoary cress (CARD DRA)		WCA, FRPA	1	1	1
Hound's tongue (CYNO OFF)	Y	WCA, CCSCJ, FRPA	4	4	4
Japanese knotweed (FALL JAP)		WCA, CCSCJ, FRPA	2	2	1
Knapweed species (CENT SPP)	Y		4	4	2
Kochia (KOCH SCO)			1	1	1
Lady's thumb (POLY PER)			5	5	5
Leafy spurge (EUPH ESU)	Y	WCA, CCSCJ, FRPA	2	2	2
Longspine sandbur (CENC LON)			1	1	1
Marsh plume thistle (CIRS PALU)		FRPA	2	2	1
Meadow buttercup (RANU ACR)			4	4	4

Meadow goat's beard (TRAG PRA)			4	4	1
Meadow knapweed (CENT DEB)	Y	WCA, FRPA	2	2	2
Night-flowering catchfly (SILE NOC)			5	5	5
Nightshade (SOLA SPP)			4	5	5
Nodding thistle (CARD NUT)	Y	CCSCJ, FRPA	1	1	1
Orange hawkweed (HIER AUR)		WCA, FRPA	4	4	5
Oxeye daisy (LEUC VUL)		FRPA	4	4	4
Perennial sow thistle (SONC ARV)		WCA, CCSCJ	4	4	4
Plumeless thistle (CARD ACA)	Y	FRPA	1	1	1
Poison hemlock (CONI MAC)		CCSCJ	1	1	1
Policeman's helmet (IMPA GLA)		CCSCJ	2	2	2
Puncturevine (TRIB TER)		FRPA	1	1	1
Purple loosestrife (LYNT SAL)	Y	WCA, CCSCJ, FRPA	2	2	2
Queen anne's lace / wild carrot (DAUC CAR)			4	5	5
Rush skeletonweed (CHON JUN)		WCA, CCSCJ, FRPA	2	1	1
Russian knapweed (ACRO REP)		FRPA	5	1	1
Russian Thistle (SALS KAL)			1	1	1
Scentless chamomile (MATR PER)		WCA, CCSCJ, FRPA	5	5	2
Scotch broom (CYTI SCO)		CCSCJ, FRPA	2	2	1
Scotch thistle (ONOP ACA)		FRPA	2	1	1
Short-fringed knapweed (CENT NIR)	Y		1	1	1
Sow thistle spp (SONC SPP)		WCA, CCSCJ	4	4	4
Spotted knapweed (CENT BIE)	Y	WCA, CCSCJ, FRPA	4	4	2
St. John's wort (HYPE PER)	Y	CCSCJ, FRPA	4	4	5
Sulphur cinquefoil (POTE REC)		WCA, FRPA	4	4	5
Tansy Ragwort (SENE JAC)	Y	WCA, CCSCJ, FRPA	1	1	1
Teasel (DIPS FUL)		FRPA	2	2	2
Western Goat's Beard (TRAG DUB)		CCSCJ	4	4	4
Wild chervil (ANTH SYL)			2	2	1
Wild parsnip (PAST SAT)			1	1	1
Wild Four O'Clock (MIRA NYC)			1	1	1
Wood sage (SALV NEM)			1	1	1
Wormwood (ARTE ABS)			4	4	4

Yellow archangel (LAMI GAL)			2	2	1
Yellow flag-iris (IRI PSE)		WCA, CCSCJ, FRPA	2	1	1
Yellow hawkweeds (HIER SPP) (including: king devil, meadow, polar, queen devil, spotted, tall, whiplash, yellow devil)		FRPA (meadow)	4	4	4
Yellow toadflax (LINA VUL)	Y	WCA, CCSCJ, FRPA	4	4	4

¹ WCA= Weed Control Act; CCSCJ= Community Charter- Spheres of Concurrent Jurisdiction, Environment and Wildlife Regulation; FRPA=Forest and Range Practices Act- Invasive Plants Regulation

Salmon Arm IPMA Priority Plant List

<p>REGIONAL EDRR - Not currently known in this IPMA (and may also not be known in the CSISS region- CSISS Watchlist Species*) or brand new incursions and high risk invasive plant species that are extremely limited in extent (less than 10 very small sites) within the Columbia Shuswap Regional District boundary. The goal for these species is immediate eradication if they are detected.</p>		
<ul style="list-style-type: none"> - Bighead knapweed - Buffalobur* - Bur chervil* - Caraway - Colt's foot* - Common bugloss - Garlic mustard* - Giant hogweed - Giant knotweed 	<ul style="list-style-type: none"> - Gorse* - Greater knapweed* - Himalayan knotweed* - Hoary Cress - Kochia* - Longspine sandbur* - Nodding thistle* - Plumeless thistle* 	<ul style="list-style-type: none"> - Poison hemlock - Puncturevine* - Russian Thistle* - Short-fringed knapweed - Tansy Ragwort* - Wild Four O'Clock* - Wild parsnip - Wood sage*
<p>ERADICATION or ANNUAL CONTROL – Species known in IPMA but with very limited distribution. Enter inventory data, report and treat or monitor annually. Some of these species have biocontrol (BC) available.</p>		
<p>ALL containment species OUTSIDE their containment lines (see CONTAINMENT)</p> <ul style="list-style-type: none"> - Baby's breath - Black knapweed (BC) - Blueweed - Bohemian knotweed - Cypress spurge 	<ul style="list-style-type: none"> - Field scabious - Himalayan blackberry - Japanese knotweed - Leafy spurge (BC) - Marsh plum thistle - Meadow knapweed (BC) - Policeman's helmet - Purple loosestrife (BC) 	<ul style="list-style-type: none"> - Rush skeletonweed - Scotch broom - Scotch thistle - Teasel - Wild chervil - Yellow archangel - Yellow flag iris
<p>CONTAINMENT – Enter inventory data, report and treat all sites outside containment lines. Some of these species have biocontrol (BC) available which can be used within the containment line.</p>		
<p>Contain to gardens:</p> <ul style="list-style-type: none"> - Butterfly bush - Common periwinkle - English holly - English ivy - Garden yellow loosestrife - Goutweed - Japanese butterbur 	<p>Contain to gardens Cont'd:</p> <ul style="list-style-type: none"> - Mountain bluet - Russian olive - Salt cedar/ Tamarisk - Siberian elm <p>Contain to White Lake</p> <ul style="list-style-type: none"> - Fragrant water lily 	<p>Contain to west portion of IPMA (treat Seymour Arm and east portion of IPMA):</p> <ul style="list-style-type: none"> - Common tansy <p>Contain to Shuswap/ Mara/White Lake:</p> <ul style="list-style-type: none"> - Eurasian water milfoil
<p>ESTABLISHED (BIOCONTROL OR SITE-SPECIFIC APPROACH) – Widespread species that are beyond landscape-level control or have relatively low impact. May have biocontrol (BC) available. Treat based on land management objectives.</p>		
<ul style="list-style-type: none"> - Annual sow thistle - Bull thistle (BC) - Burdock - Canada thistle (BC) - Chicory - Common comfrey - Curled dock - Dalmatian toadflax (BC) - Diffuse knapweed (BC) - Hawkweed spp. 	<ul style="list-style-type: none"> - Hoary alyssum - Hound's tongue (BC) - Knapweed spp. (BC) - Meadow buttercup - Meadow goat's beard - Nightshade - Orange hawkweed - Oxeye daisy - Perennial sow thistle 	<ul style="list-style-type: none"> - Queen Anne's Lace - Sow thistle spp - Spotted knapweed (BC) - St. John's Wort (BC) - Sulphur cinquefoil - Western goat's beard - Wormwood - Yellow hawkweeds - Yellow toadflax (BC)
<p>INSUFFICIENT INFORMATION – There is a lack of information on the distribution, impacts and potential for spread and/or control of the following species. Some of these species may appear in other categories (since their distribution is relatively well understood) but they also appear in this category because further information is still required.</p>		
<ul style="list-style-type: none"> - Bachelor's button - Black locust - Brown knapweed - Creeping buttercup - Curly leaf pondweed - Dame's rocket 	<ul style="list-style-type: none"> - Eyebright - Field bindweed - Flat peavine - Greater celandine - Green foxtail 	<ul style="list-style-type: none"> - Hairy cat's ear - Lady's thumb - Night-flowering catchfly - Russian knapweed - Scentless chamomile

Revelstoke IPMA Priority Plant List

<p>REGIONAL EDRR - Not currently known in this IPMA (and may also not be known in the CSISS region- CSISS Watchlist Species*) or brand new incursions and high risk invasive plant species that are extremely limited in extent (less than 10 very small sites) within the Columbia Shuswap Regional District boundary. The goal for these species is immediate eradication if they are detected.</p>		
<ul style="list-style-type: none"> - Bighead knapweed - Buffalobur* - Bur chervil* - Colt's foot* - Common bugloss - Curly leaf pondweed - Cypress spurge - Field scabious - Fragrant water lily - Garlic mustard* - Giant hogweed 	<ul style="list-style-type: none"> - Giant knotweed - Gorse* - Greater knapweed* - Himalayan knotweed* - Hoary cress - Kochia* - Longspine sandbur* - Nodding thistle* - Plumeless thistle* - Poison hemlock - Puncturevine* 	<ul style="list-style-type: none"> - Rush skeletonweed - Russian knapweed - Russian Thistle* - Scotch thistle - Short fringed knapweed - Tansy ragwort* - Wild Four O'Clock* - Wild parsnip - Wood sage* - Yellow Flag Iris
<p>ERADICATION or ANNUAL CONTROL – Species known in IPMA but with very limited distribution. Enter inventory data, report and treat or monitor annually. Some of these species have biocontrol (BC) available.</p>		
<p>ALL containment species OUTSIDE their containment lines (see CONTAINMENT)</p> <ul style="list-style-type: none"> - Baby's breath - Black knapweed (BC) - Blueweed - Bohemian knotweed 	<ul style="list-style-type: none"> - Caraway - Himalayan blackberry - Hoary alyssum - Japanese knotweed - Leafy spurge (BC) - Marsh plume thistle - Meadow knapweed (BC) 	<ul style="list-style-type: none"> - Policeman's helmet - Purple loosestrife (BC) - Scotch broom - Teasel - Wild chervil - Yellow archangel
<p>CONTAINMENT – Enter inventory data, report and treat all sites outside containment lines. Some of these species have biocontrol (BC) available which can be used within the containment line.</p>		
<p>Contain to gardens:</p> <ul style="list-style-type: none"> - Butterfly bush - Common periwinkle - English holly - English ivy - Garden yellow loosestrife - Goutweed 	<p>Contain to gardens Cont'd:</p> <ul style="list-style-type: none"> - Japanese butterbur - Mountain bluet - Russian olive - Salt cedar/ Tamarisk - Siberian elm 	<p>Contain to southern portion of IPMA:</p> <ul style="list-style-type: none"> - Common tansy <p>Contain to Revelstoke and Arrow Reservoirs:</p> <ul style="list-style-type: none"> - Eurasian water milfoil
<p>ESTABLISHED (BIOCONTROL OR SITE-SPECIFIC APPROACH) – Widespread species that are beyond landscape-level control or have relatively low impact. May have biocontrol (BC) available. Treat based on land management objectives.</p>		
<ul style="list-style-type: none"> - Annual sow thistle - Bull thistle (BC) - Burdock - Canada thistle (BC) - Chicory - Common comfrey - Curled dock - Dalmatian toadflax (BC) - Diffuse knapweed (BC) 	<ul style="list-style-type: none"> - Hawkweed spp. - Hound's tongue (BC) - Knapweed spp. (BC) - Meadow buttercup - Meadow goat's beard - Orange hawkweed - Oxeye daisy - Perennial sow thistle 	<ul style="list-style-type: none"> - Sow thistle spp - Spotted knapweed (BC) - St. John's Wort (BC) - Sulphur cinquefoil - Western goat's beard - Wormwood - Yellow hawkweeds - Yellow toadflax (BC)
<p>INSUFFICIENT INFORMATION – There is a lack of information on the distribution, impacts and potential for spread and/or control of the following species. Some of these species may appear in other categories (since their distribution is relatively well understood) but they also appear in this category because further information is still required.</p>		
<ul style="list-style-type: none"> - Bachelor's button - Black locust - Brown knapweed - Creeping buttercup - Dame's rocket - Eyebright 	<ul style="list-style-type: none"> - Field bindweed - Flat peavine - Greater celandine - Green foxtail - Hairy cat's ear 	<ul style="list-style-type: none"> - Lady's thumb - Night-flowering catchfly - Nightshade - Queen Anne's Lace - Scentless chamomile

Golden IPMA Priority Plant List

<p>REGIONAL EDRR - Not currently known in this IPMA (and may also not be known in the CSISS region- CSISS Watchlist Species*) or brand new incursions and high risk invasive plant species that are extremely limited in extent (less than 10 very small sites) within the Columbia Shuswap Regional District boundary. The goal for these species is immediate eradication if they are detected.</p>		
<ul style="list-style-type: none"> - Bighead knapweed - Black knapweed - Brown knapweed - Buffalobur* - Bur chervil* - Colt's foot* - Common bugloss - Curly leaf pondweed - Eurasian water milfoil - Field scabious - Fragrant water lily - Garlic mustard* - Giant hogweed - Giant knotweed 	<ul style="list-style-type: none"> - Gorse* - Greater knapweed* - Himalayan knotweed* - Hoary cress - Japanese knotweed - Kochia* - Longspine sandbur* - Marsh plume thistle - Meadow goat's beard - Nodding thistle* - Plumeless thistle* - Poison Hemlock - Puncturevine* 	<ul style="list-style-type: none"> - Rush skeletonweed - Russian knapweed - Russian Thistle* - Scotch broom - Scotch thistle - Short fringed knapweed - Tansy ragwort* - Wild chervil - Wild Four O'Clock* - Wild parsnip - Wood sage* - Yellow archangel - Yellow flag-iris
<p>ERADICATION or ANNUAL CONTROL – Species known in IPMA but with very limited distribution. Enter inventory data, report and treat or monitor annually. Some of these species have biocontrol (BC) available.</p>		
<p>ALL containment species OUTSIDE their containment lines (see CONTAINMENT)</p> <ul style="list-style-type: none"> - Baby's breath - Blueweed - Bohemian knotweed - Caraway 	<ul style="list-style-type: none"> - Common Tansy - Cypress spurge - Diffuse knapweed (BC) - Hoary alyssum - Knapweed spp. (BC) - Leafy spurge (BC) 	<ul style="list-style-type: none"> - Meadow knapweed (BC) - Policeman's helmet - Purple loosestrife (BC) - Scentless chamomile - Spotted knapweed (BC) - Teasel
<p>CONTAINMENT – Enter inventory data, report and treat all sites outside containment lines. Some of these species have biocontrol (BC) available which can be used within the containment line.</p>		
<p>Contain to gardens:</p> <ul style="list-style-type: none"> - Butterfly bush - Common periwinkle - English holly 	<ul style="list-style-type: none"> - English ivy - Garden yellow loosestrife - Goutweed - Japanese butterbur 	<ul style="list-style-type: none"> - Mountain bluet - Russian olive - Salt cedar/ Tamarisk - Siberian elm
<p>ESTABLISHED (BIOCONTROL OR SITE-SPECIFIC APPROACH) – Widespread species that are beyond landscape-level control or have relatively low impact. May have biocontrol (BC) available. Treat based on land management objectives.</p>		
<ul style="list-style-type: none"> - Annual sow thistle - Bull thistle (BC) - Burdock - Canada thistle (BC) - Chicory - Common comfrey 	<ul style="list-style-type: none"> - Curled dock - Dalmatian toadflax (BC) - Hawkweed spp. - Hound's tongue (BC) - Meadow buttercup - Oxeye daisy 	<ul style="list-style-type: none"> - Perennial sow thistle - Sow thistle spp - Western goat's beard - Wormwood - Yellow hawkweeds - Yellow toadflax (BC)
<p>INSUFFICIENT INFORMATION – There is a lack of information on the distribution, impacts and potential for spread and/or control of the following species. Some of these species may appear in other categories (since their distribution is relatively well understood) but they also appear in this category because further information is still required.</p>		
<ul style="list-style-type: none"> - Bachelor's button - Black locust - Creeping buttercup - Dame's rocket - Eyebright - Field bindweed 	<ul style="list-style-type: none"> - Flat peavine - Greater celandine - Green foxtail - Hairy cat's ear - Himalayan blackberry - Lady's thumb 	<ul style="list-style-type: none"> - Night-flowering catchfly - Nightshade - Orange hawkweed - Queen Anne's Lace - St. John's Wort (BC) - Sulphur cinquefoil