

CSISS PRIORITY SPECIES UPDATED 2017

Provincially Proposed Prohibited Species

Provincial Prohibited EDRR WATCHLIST- Prohibited species for BC. Provincial government takes lead role in treatments. Report these species through Report-A-Weed app.		
Species Name	Ranking	Report for:
* Currently not known in CSISS Region		
African rue (PEGA HAR)*	1+	ALL IPMA's
Black henbane (HYSO NIG)*	1+	ALL IPMA's
Camel thorn (ALHA MAU)*	1+	ALL IPMA's
Common crupina (CRUP VUL)*	1+	ALL IPMA's
Dyer's woad (ISAT TIN)*	1+	ALL IPMA's
Eggleaf spurge (EUPH OBL)*	1+	ALL IPMA's
False brome / slender brome (BRAC SYL)*	1+	ALL IPMA's
Foxtail, slender / meadow (ALOP MYO)*	1+	ALL IPMA's
Giant reed (ARUN DON)*	1+	ALL IPMA's
Goat's rue /French lilac (GALE OFF)*	1+	ALL IPMA's
Halogeton / Saltlover (HALO GLO)*	1+	ALL IPMA's
Johnsongrass (SORG HAL)*	1+	ALL IPMA's
Jointed goatgrass (AEGI CIL)*	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
Mouse-ear hawkweed (HIER PIL)*	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
Silverleaf nightshade (SOLA ELA)*	1+	ALL IPMA's
Spring millet grass (MILI VER)*	1+	ALL IPMA's
Spurge flax (THYM PAS)*	1+	ALL IPMA's
Squarrose knapweed (CENT VIR)*	1+	ALL IPMA's
Starthistle, Iberian (CENT IBE)*	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

For full list of Proposed Prohibited Species, visit: <https://www.for.gov.bc.ca/hra/invasive-species/Proposed Prohibited Noxious Weeds Apr2016.pdf>

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
Common bugloss* (ANCH OFF)	1	ALL IPMA'S
Flowering rush* (BUTO UMB)	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
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
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

Definition of Priority Ranking Categories for Invasive Plant Species

Priority Ranking	Description
Provincial EDRR	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
Regional EDRR (Prevention) (1)	These species are not currently known in this IPMA but are known to occur in the Columbia-Shuswap region. The goal for these species is immediate eradication if they are detected. EDRR reporting and action protocols for these species are outlined in Section 3.4. These sites are extremely high priority for treatment and eradication is the management objective.
ERADICATION OR ANNUAL CONTROL (2)	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.
CONTAINMENT (3)	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.
ESTABLISHED (BIOCONTROL OR SITE-SPECIFIC APPROACH) (4)	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.
INSUFFICIENT INFORMATION (5)	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.

Priority invasive plant species in the Columbia Shuswap by IPMA

Species	Bio-control?	Relevant legislation ¹	Salmon Arm IPMA	Revelstoke IPMA	Golden IPMA
Annual sow thistle (SONC OLE)			4	4	4
Baby's breath (GYPS PAN)		CCA, FRPA	1	1	2
Bachelor's button (CENT CYA)			5	5	5
Bighead knapweed (CENT MAC)			2	1	2
Bittersweet nightshade / Nightshade (SOLA SPP)			4	5	5
Black knapweed (CENT NIG)		FRPA	2	2	1
Black locust (ROBI PSE)			5	5	5
Blueweed (ECHI VUL)		WCA, FRPA	2	2	2
Brown Knapweed (CENT JAC)			5	5	5
Buffalobur (SOLA ROS)			1	1	1
Bull thistle (CIRS VUL)	Y	CCA, FRPA	4	4	4
Bur chervil (ANTH CAU)			1	1	1
Burdock (ARCT SPP)		WCA, FRPA	4	4	4
Canada thistle (CIRS ARV)	Y	WCA, CCA, FRPA	4	4	4
Caraway (CARU CAR)			1	1	2
Chicory (CICH INT)			4	4	4
Colt's Foot (TUS FAR) (Tussilago spp.)			1	1	1
Common bugloss (ANCH OFF)		FRPA	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) - English Ivy (HEDE HEL) - Goutweed (AEGO POD) - Japanese butterbur - Russian olive (ELAE ANG) - Common Periwinkle (VINC MIN) - Salt cedar/ Tamarisk (TAMA RAM) - Siberian elm (ULMU PUM)			3	3	3
Creeping buttercup (RANU REP)			5	5	5
Curled dock (RUME CRI)			4	4	4
Cypress spurge (EUPH CYP)			2	1	2
Dalmatian toadflax (LINA DAL)	Y	WCA, CCA, FRPA	4	4	4

Dame's rocket (HESP MAT)			5	5	5
Diffuse knapweed (CENT DIFF)	Y	WCA, CCA, FRPA	4	4	2
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) (<i>Lathyrus sylvestris</i>)			5	5	5
Flowering rush (BUTO UMB)			1	1	1
Fragrant water lily (NYMP ODO)			2	1	1
Garlic mustard (ALLI PET)			5	5	5
Giant hogweed (HERA MAN)			2	1	1
Gorse (ULEX EUR)			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)		CCA	2	5	5
Hoary alyssum (BERT INC)		FRPA	4	2	2
Hoary cress (CARD DRA)		WCA, FRPA	1	1	2
Hound's tongue (CYNO OFF)	Y	WCA, CCA, FRPA	4	4	4
Knapweed species (CENT SPP)	Y/ limited		4	4	2
Knotweeds (FALL SPP)		WCA, CCA, FRPA	2	2	2
Lady's thumb (POLY PER)			5	5	5
Leafy spurge (EUPH ESU)	Y	WCA, CCA, FRPA	2	2	1
Longspine sandbur (CENC LON)			1	1	1
Marsh plume thistle (CIRS PALU)		FRPA	2	2	1
Meadow goat's beard (TRAG PRA) (<i>Tragopogon pratensis</i>)			4	4	1
Meadow knapweed (CENT DEB)		WCA, FRPA	2	2	1
Night-flowering catchfly (SILE NOC)			5	5	5
Nodding thistle (CARD NUT)			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	4	4	4

Plumeless thistle (CARD ACA)			1	1	1
Poison hemlock (CONI MAC)			4	5	5
Policeman's helmet / Himalayan Balsam/Orchid (IMPA GLA)		CCA	2	2	2
Puncturevine (TRIB TER)		FRPA	1	1	1
Purple loosestrife (LYNT SAL)	Y	WCA, CCA, FRPA	2	2	1
Queen anne's lace / wild carrot (DAUC CAR)			4	5	5
Rush skeletonweed (CHON JUN)	Y	WCA, CCA, FRPA	2	1	1
Russian knapweed (ACRO REP)		FRPA	5	1	1
Scentless chamomile (MATR PER)	Y	WCA, CCA, FRPA	5	5	2
Scotch broom (CYTI SCO)		CCA, FRPA	2	1	1
Scotch thistle (ONOP ACA)		FRPA	2	1	1
Short-fringed knapweed (CENT NIR)			2	2	2
Sow thistle spp (SONC SPP)			4	4	4
Spotted knapweed (CENT BIE)	Y	WCA, CCA, FRPA	4	4	2
St. John's wort (HYPE PER)	Y	CCA, FRPA	4	4	5
Sulphur cinquefoil (POTE REC)		WCA, FRPA	4	4	5
Tall Buttercup/ Meadow Buttercup (RANU ACR)			5	5	5
Tansy Ragwort			1	1	1
Teasel (DIPS FUL)		FRPA	2	1	1
Western Goat's Beard (TRAG DUB) (<i>Tragapogon dubius</i>)			4	4	4
Wild chervil (ANTH SYL)			2	2	1
Wild Four O'Clock (MIRA NYC)			1	1	1
Wood sage (SALV NEM)			1	1	1
Wormwood (ARTE ABS) (Absinth)			4	4	5
Yellow flag-iris (IRI PSE)		WCA, CCA, FRPA	3	2	1
Yellow hawkweeds (HIER SPP) (including: king devil, meadow, polar, queen devil, spotted, tall, whiplash, yellow devil)		FRPA (meadow)	4	4	4
Lamium/Yellow archangel (LAMI GAL)			2	2	2
Yellow (common) toadflax (LINA VUL)		WCA, CCA, FRPA	4	4	4

Salmon Arm IPMA Priority species List

EDRR WATCHLIST - Not currently known in this IPMA (and may also not be known in the CSISS region*). Follow EDRR reporting and action protocols. Bolded species are Proposed Prohibited EDRR for the province.		
<ul style="list-style-type: none"> - Baby's breath - Black henbane - Buffalobur* - Bur chervil* - Caraway - Colt's foot* - Common bugloss - Common crupina - Common reed 	<ul style="list-style-type: none"> - Dyer's woad - Flowering rush* - Gorse* - Greater knapweed* - Hoary Cress - Longspine sandbur* - Mouse-ear hawkweed - Nodding thistle* - Perennial pepperweed 	<ul style="list-style-type: none"> - Plumeless thistle* - Puncturevine* - Syrian beancaper - Squarrose knapweed - Tansy Ragwort* - Velvet leaf - Wild Four O'Clock* - Wood sage* - Yellow starthistle
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.		
<ul style="list-style-type: none"> - ALL containment species OUTSIDE their containment lines (see next section) - Bighead knapweed - Black knapweed - Blueweed - Cypress spurge - Field scabious 	<ul style="list-style-type: none"> - Fragrant water lily - Giant hogweed - Himalayan blackberry - Knotweeds - Leafy spurge (BC) - Marsh plum thistle - Meadow knapweed - Policeman's helmet 	<ul style="list-style-type: none"> - Purple loosestrife (BC) - Rush skeletonweed (BC) - Scotch broom - Scotch thistle - Short-fringed knapweed - Teasel - Wild chervil - Yellow archangel/ lamium
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>Contain to gardens:</p> <ul style="list-style-type: none"> - Butterfly bush - English Ivy - Goutweed - Japanese butterbur - Russian olive - Common Periwinkle - Salt cedar/ Tamarisk - Siberian elm 	<p>Contain to Gardom Lake:</p> <ul style="list-style-type: none"> - Yellow flag-iris 	<p>Contain to west portion of IPMA (treat Seymour Arm and east portion of IPMA, see map):</p> <ul style="list-style-type: none"> - Common tansy
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.		
<ul style="list-style-type: none"> - Annual sow thistle - Bittersweet nightshade - 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. - Hoary alyssum - Hound's tongue (BC) - Knapweed spp. (BC) - Meadow goat's beard - Orange hawkweed - Oxeye daisy - Perennial sow thistle - Poison hemlock 	<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/common toadflax
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.		
<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 - Garlic mustard - Greater celandine - Green foxtail - Hairy cat's ear 	<ul style="list-style-type: none"> - Lady's thumb - Night-flowering catchfly - Russian knapweed - Scentless chamomile (BC) - Tall/ meadow buttercup

Revelstoke IPMA Priority Species List

EDRR WATCHLIST - Not currently known in this IPMA (and may also not be known in the CSISS region*). Follow EDRR reporting and action protocols. Bolded species are Proposed Prohibited EDRR for the province.

<ul style="list-style-type: none"> - Baby's breath - Bighead knapweed - Black henbane - Buffalobur* - Bur chervil* - Caraway - Colt's foot* - Common bugloss - Common crupina - Common reed - Cypress spurge - Dyer's woad - Field scabious 	<ul style="list-style-type: none"> - Flowering rush* - Fragrant water lily - Giant hogweed - Gorse* - Greater knapweed* - Hoary cress - Longspine sandbur* - Mouse-ear hawkweed - Nodding thistle* - Perennial pepperweed - Plumeless thistle* - Puncturevine* 	<ul style="list-style-type: none"> - Rush skeletonweed - Russian knapweed - Scotch broom - Scotch thistle - Squarrose knapweed - Syrian beancaper - Tansy ragwort* - Teasel - Velvet leaf - Wild Four O'Clock* - Wood sage* - Yellow starthistle
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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.

<ul style="list-style-type: none"> - ALL containment species OUTSIDE their containment lines (see next section) - Black knapweed - Blueweed 	<ul style="list-style-type: none"> - Hoary Alyssum - Knotweeds - Leafy spurge (BC) - Marsh plume thistle - Meadow knapweed - Policeman's helmet 	<ul style="list-style-type: none"> - Purple loosestrife (BC) - Short-fringed knapweed - Wild chervil - Yellow flag iris - Yellow archangel/ lamium
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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>Contain to gardens:</p> <ul style="list-style-type: none"> - Butterfly bush - English Ivy - Goutweed - Japanese butterbur - Russian olive - Common Periwinkle - Salt cedar/ Tamarisk - Siberian elm 	<p>Contain to southern portion of IPMA:</p> <ul style="list-style-type: none"> - Common tansy 	
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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.

<ul style="list-style-type: none"> - Annual sow thistle - Bull thistle (BC) - Burdock - Canada thistle (BC) - Chicory - Common comfrey - Curled dock - Dalmatian toadflax (BC) 	<ul style="list-style-type: none"> - Diffuse knapweed (BC) - Hawkweed spp. - Hound's tongue (BC) - Knapweed spp. (BC) - 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/common toadflax
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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.

<ul style="list-style-type: none"> - Bachelor's button - Bittersweet nightshade - Black locust - Brown knapweed - Creeping buttercup - Dame's rocket - Eyebright 	<ul style="list-style-type: none"> - Field bindweed - Flat peavine - Garlic mustard - Greater celandine - Green foxtail - Hairy cat's ear - Himalayan blackberry 	<ul style="list-style-type: none"> - Lady's thumb - Night-flowering catchfly - Poison hemlock - Queen Anne's Lace - Scentless chamomile (BC) - Tall/ meadow buttercup
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Golden IPMA Priority Species List

EDRR WATCHLIST - Not currently known in this IPMA (and may also not be known in the CSISS region*). Follow EDRR reporting and action protocols. Bolded species are Proposed Prohibited EDRR for the province.		
<ul style="list-style-type: none"> - Black henbane - Black knapweed - Buffalobur* - Bur chervil* - Colt's foot* - Common bugloss* - Common crupina - Common reed - Dyer's woad - Field scabious - Flowering rush* - Fragrant water lily - Giant hogweed - Gorse* 	<ul style="list-style-type: none"> - Greater knapweed* - Leafy spurge - Longspine sandbur* - Marsh plume thistle - Meadow goat's beard - Meadow knapweed - Mouse-ear hawkweed - Nodding thistle* - Perennial pepperweed - Plumeless thistle* - Puncturevine* - Purple loosestrife - Rush skeletonweed 	<ul style="list-style-type: none"> - Russian knapweed - Scotch broom - Scotch thistle - Squarrose knapweed - Syrian beancaper - Tansy ragwort* - Teasel - Velvet leaf - Wild chervil - Wild Four O'Clock* - Wood sage* - Yellow starthistle - Yellow flag-iris
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.		
<ul style="list-style-type: none"> - ALL containment species OUTSIDE their containment lines (see next section) - Baby's breath - Big head knapweed - Blueweed 	<ul style="list-style-type: none"> - Caraway - Common Tansy - Cypress spurge - Diffuse knapweed (BC) - Hoary alyssum - Hoary cress - Knapweed spp. 	<ul style="list-style-type: none"> - Knotweeds - Policeman's helmet - Scentless chamomile (BC) - Short-fringed knapweed - Spotted knapweed (BC) - Yellow archangel/ lamium
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>Contain to gardens:</p> <ul style="list-style-type: none"> - Butterfly bush - English Ivy - Goutweed - Japanese butterbur - Russian olive - Common Periwinkle - Salt cedar/ Tamarisk - Siberian elm 		
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.		
<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) - Oxeye daisy 	<ul style="list-style-type: none"> - Perennial sow thistle - Sow thistle spp - Western goat's beard - Yellow hawkweeds - Yellow/common toadflax
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.		
<ul style="list-style-type: none"> - Bachelor's button - Bittersweet nightshade - Black locust - Brown knapweed - Creeping buttercup - Dame's rocket - Eyebright - Field bindweed 	<ul style="list-style-type: none"> - Flat peavine - Garlic mustard - Greater celandine - Green foxtail - Hairy cat's ear - Himalayan blackberry - Lady's thumb - Night-flowering catchfly 	<ul style="list-style-type: none"> - Orange hawkweed - Poison hemlock - Queen Anne's Lace St. John's Wort (BC) - Sulphur cinquefoil - Tall buttercup - Wormwood