

## CSISS PRIORITY INVASIVE PLANT LISTS- UPDATED 2022

Invasive species are prioritized at a Provincial scale using a science-based risk assessment process. Management actions are further determined based on these priorities at a both Provincial and Regional scale and depending on available resources and treatment methods. The management categories presented below have been developed by the BC Inter-Ministry Invasive Species Working Group and the Provincial Government's Invasive Species Specialists. The invasive species are presented in management categories based on a Provincial scale, and do not take into consideration local or regional criteria. The list does not include marine species.

Provincial Definitions	
<b>Prevent</b>	Species determined to be high risk to BC and not yet established. Management objective is to prevent the introduction and establishment.
<b>Provincial EDRR</b>	Species is high risk to BC and is new to the Province. Management objective is eradication.
<b>Provincial Containment</b>	Species is high risk with limited extent in BC but significant potential to spread. Management objective is to prevent further expansion into new areas with the ultimate goal of reducing the overall extent.
<b>Regional Containment/Control</b>	Species is high risk and well established, or medium risk with high potential for spread. Management objective is to prevent further expansion into new areas within the region through establishment of containment lines and identification of occurrences outside the line to control.
<b>Management</b>	Species is more widespread but may be of concern in specific situations with certain high values - e.g., conservation lands, specific agriculture crops. Management objective is to reduce the invasive species impacts locally or regionally, where resources are available.

### PROVINCIAL PRIORITY INVASIVE SPECIES

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Prevent	Camelthorn	Alhagi	maurorum
Prevent	Clary sage	Salvia	sclarea
Prevent	Common crupina	Crupina	vulgaris
Prevent	Eggleaf spurge	Euphorbia	oblongata
Prevent	Goatsrue	Galega	officinalis
Prevent	Halogeton/Saltlover	Halogeton	glomeratus
Prevent	Hydrilla	Hydrilla	verticillata
Prevent	Iberian starthistle	Centaurea	iberica
Prevent	Italian thistle	Carduus	pycnocephalus
Prevent	Johnsongrass	Sorghum	halepense
Prevent	Kudzu	Pueraria	montana var. lobata
Prevent	Meadow clary	Salvia	pratensis
Prevent	Mediterranean sage	Salvia	aethiopis
Prevent	Medusahead	Taeniatherum	caput-medusae
Prevent	Purple nutsedge	Cyperus	rotundus
Prevent	Purple starthistle	Centaurea	calcitrapa
Prevent	Red bartsia	Odontites	serotina
Prevent	Silverleaf nightshade	Solanum	elaeagnifolium
Prevent	Slender/Meadow foxtail	Alopecurus	mysuroides

Revised March 2022

Prevent	Slenderflower thistle	Carduus	tenuiflorus
Prevent	Spring milletgrass	Milium	vernale
Prevent	Spurge Flax	Thymelaea	passerina
Prevent	Squarrose knapweed	Centaurea	virgata ssp. squarrosa
Prevent	Syrian bean-caper	Zygophyllum	fabago
Prevent	Texas blueweed	Helianthus	ciliaris
Prevent	Water soldier	Stratiotes	aloides
Provincial EDRR	African rue	Peganum	harmala
Provincial EDRR	Black henbane	Hyoscyamus	niger
Provincial EDRR	Brazilian elodea/Waterweed	Egeria	densa
Provincial EDRR	Dyer's woad	Isatis	tinctoria
Provincial EDRR	European common reed	Phragmites	australis
Provincial EDRR	Flowering rush	Butomus	umbellatus
Provincial EDRR	Giant reed	Arundo	donax
Provincial EDRR	Invasive cordgrasses	Spartina	spp.
Provincial EDRR	Jointed goatgrass	Aegilops	cylindrica
Provincial EDRR	Maltese star thistle	Centaurea	melitensis
Provincial EDRR	Mouse-ear hawkweed	Hieracium	pilosella
Provincial EDRR	Perennial pepperweed	Lepidium	latifolium
Provincial EDRR	Slender false brome	Brachypodium	sylvaticum subsp. sylvaticum
Provincial EDRR	Water hyacinth*	Eichhornia	crassipes
Provincial EDRR	Water lettuce*	Pistia	stratiotes
Provincial EDRR	Yellow floating heart	Nymphoides	peltata
Provincial EDRR	Yellow starthistle*	Centaurea	solstitialis
Provincial Containment	Garlic mustard	Alliaria	petiolata
Provincial Containment	Giant hogweed	Heracleum	mantegazzianum
Provincial Containment	North African grass	Ventenata	dubia
Provincial Containment	Poison hemlock	Conium	maculatum
Provincial Containment	Rush skeletonweed	Chondrilla	juncea
Provincial Containment	Shiny geranium	Geranium	lucidum
Provincial Containment	Teasel	Dipsacus	fullonum
Provincial Containment	Wild chervil	Anthriscus	sylvestris
Provincial Containment	Wild parsnip	Pastinaca	sativa
Regional Containment/Control	Blueweed	Echium	vulgare
Regional Containment/Control	Common bugloss	Anchusa	officinalis
Regional Containment/Control	Common tansy	Tanacetum	vulgare

Regional Containment/Control	Field scabious	Knautia	arvensis
Regional Containment/Control	Himalayan blackberry	Rubus	armeniacus
Regional Containment/Control	Himalayan knotweed	Persicaria	wallichii
Regional Containment/Control	Hoary alyssum	Berteroa	incana
Regional Containment/Control	Hoary cress	Cardaria	draba
Regional Containment/Control	Knotweeds (Japanese, Giant and Bohemian)	Fallopia/Reynoutria & Polygonum	spp.
Regional Containment/Control	Leafy spurge	Euphorbia	esula
Regional Containment/Control	Marsh plume thistle	Cirsium	palustre
Regional Containment/Control	Orange hawkweed	Hieracium	aurantiacum
Regional Containment/Control	Policeman's helmet/Himalayan balsam	Impatiens	glandulifera
Regional Containment/Control	Puncturevine	Tribulus	terrestris
Regional Containment/Control	Scotch broom	Cytisus	scoparius
Regional Containment/Control	Spotted knapweed	Centaurea	stoebe
Regional Containment/Control	Whiplash hawkweed	Hieracium	flagellare
Regional Containment/Control	Yellow archangel	Lamium	galeobdolon
Regional Containment/Control	Yellow flag iris	Iris	pseudacorus
Management	Bur chervil	Anthriscus	caucalis
Management	Carpet burweed	Soliva	sessilis
Management	Cypress spurge	Euphorbia	cyparissias
Management	Gorse	Ulex	europaeus
Management	Invasive yellow hawkweeds	Hieracium	spp.
Management	Longspine Sandbur	Cenchrus	longispinus
Management	Mountain bluet	Centaurea	montana
Management	Purple loosestrife	Lythrum	salicaria
Management	Scentless chamomile	Tripleurospermum	inodorum
Management	Scotch thistle	Onopordum	acanthium
Management	Spurge laurel	Daphne	laureola
Management	Sulphur cinquefoil	Potentilla	recta
Management	Sweet fennel	Foeniculum	vulgare
Management	Tansy ragwort	Jacobaea	vulgaris

*\*Status under review*

## Definition of Priority Ranking Categories for Invasive Plants

Priority Ranking	Description
<b>Regional EDRR (1)</b>	High risk invasive plant species not currently known within the Columbia Shuswap Regional District boundary or brand new incursions that are extremely limited in extent (less than 10 very small sites) within the Columbia Shuswap Regional District boundary. Management objective is eradication.
<b>Eradication and Annual Control (2)</b>	Species are known in the IPMA but with limited distribution and/or significant potential to spread. Management objective is to control sites annually.
<b>Containment (3)</b>	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 (e.g. 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. Treat all sites outside of containment lines.
<b>Established (biocontrol or site-specific approach) (4)</b>	Widespread species 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 (BC) agents available.
<b>Insufficient information (5)</b>	Insufficient information for these species on their distribution, impacts, potential for spread and/or feasibility of control. Further information is required.

## Priority invasive plants in the Columbia Shuswap by IPMA

Species	Bio-control?	Relevant legislation <sup>1</sup>	Salmon Arm IPMA	Revelstoke IPMA	Golden IPMA
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	5
Black locust (ROBI PSE)			5	5	5
Blueweed (ECHI VUL)		WCA, CCSCJ, FRPA	2	2	2
Bohemian knotweed (FALL BOH)		WCA	2	2	2
Brown Knapweed (CENT JAC)		FRPA	5	5	5
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, CCSCJ, FRPA	4	4	4

Canada thistle (CIRS ARV)	Y	WCA, CCSCJ, FRPA	4	4	4
Caraway (CARU CAR)			4	4	4
Carpet burweed (SOLI SES)		CCSCJ	5	5	5
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, CCSCJ, 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) - 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	5	5
Cypress spurge (EUPH CYP)			1	1	1
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	5
Eyebright (EUPH NEM)			5	5	5
Field bindweed (CONV ARV)			5	5	5
Field scabious (KNAU ARV)		FRPA	1	1	1
Flat Peavine (LATH SYL)			5	5	5
Fragrant water lily (NYMP ODO)			3	5	5
Garlic mustard (ALLI PET)		WCA, CCSCJ	1	1	1
Giant hogweed (HERA MAN)		WCA, CCSCJ	1	1	1
Giant knotweed (FALL SAC)		WCA,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
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, CCSCJ, FRPA	1	1	1
Hound's tongue (CYNO OFF)	Y	WCA, CCSCJ, FRPA	4	4	4
Japanese butterbur (PETA JAP)*			1	1	1
Japanese knotweed (FALL JAP)		WCA, CCSCJ, FRPA	2	2	2
Knapweed species (CENT SPP)	Y		4	4	2
Kochia (KOCH SCO)			5	5	5
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	3	2	5
Meadow buttercup (RANU ACR)			4	4	4
Meadow goat's beard (TRAG PRA)			4	4	5
Meadow knapweed (CENT DEB)	Y	WCA, CCSCJ, FRPA	4	4	2
Nightshade (SOLA SPP)			4	5	5
Nodding thistle (CARD NUT)*	Y	CCSCJ, FRPA	1	1	1
North Africa grass (VENT DUB)*			1	1	1
Orange hawkweed (HIER AUR)		WCA, CCSCJ, FRPA	4	4	3
Oxeye daisy (LEUC VUL)		FRPA	4	4	4
Plumeless thistle (CARD ACA)*	Y	FRPA	1	1	1
Poison hemlock (CONI MAC)		CCSCJ	2	2	2
Policeman's helmet (IMPA GLA)		CCSCJ	2	2	2
Puncturevine (TRIB TER)		FRPA	1	1	1
Purple loosestrife (LYNT SAL)	Y	WCA, CCSCJ, FRPA	4	4	4
Queen anne's lace / wild carrot (DAUC CAR)			4	5	5

Rush skeletonweed (CHON JUN)	Y	WCA, CCSCJ, FRPA	2	5	5
Russian knapweed (ACRO REP)		FRPA	1	1	1
Russian thistle (SALS KAL)			5	5	5
Scentless chamomile (MATR PER)	Y	WCA, CCSCJ, FRPA	5	5	2
Scotch broom (CYTI SCO)		CCSCJ, FRPA	2	2	5
Scotch thistle (ONOP ACA)		FRPA	2	5	5
Shiny geranium (GERA LUC)*			1	1	1
Short-fringed knapweed (CENT NIR)	Y		1	1	1
Spotted knapweed (CENT BIE)	Y	WCA, CCSCJ, FRPA	4	4	2
Spurge laurel (DAPH LAU)		CCSCJ	5	5	5
St. John's wort (HYPE PER)	Y	CCSCJ, FRPA	4	4	3
Sulphur cinquefoil (POTE REC)		WCA, CCSCJ, FRPA	4	4	5
Sweet fennel (FOEN VUL)			5	5	5
Tansy ragwort (SENE JAC)*	Y	WCA, CCSCJ, FRPA	1	1	1
Teasel (DIPS FUL)		FRPA	2	2	2
Tree of heaven*			1	1	1
Western Goat's Beard (TRAG DUB)			4	4	4
Wild chervil (ANTH SYL)			1	1	1
Wild four o'clock (MIRA NYC)			5	5	5
Wild parsnip (PAST SAT)			1	1	1
Wood sage (SALV NEM)*			1	1	1
Wormwood (ARTE ABS)			4	4	4
Yellow archangel (LAMI GAL)			2	2	5
Yellow flag iris (IRI PSE)		WCA, CCSCJ, FRPA	2	5	5
Yellow hawkweed spp (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

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

\*Species not found in Columbia Shuswap Region

## Unlisted Lower Priority Species for Columbia Shuswap

<b>UNLISTED</b> Lowest Priority in all IPMAs (therefore not included in ranking, some jurisdictions may choose to control - consider as priority 4)		
<b>Species Name</b>	<b>Rank</b>	<b>IPMA</b>
Annual hawksbeard (CREP TEC)	6	All
Annual sow thistle (SONC OLE)	6	All
Bladder campion (SILE VUL)	6	All
Cudweed (GNAP ULI)	6	All
Groundsel (SENE VUL)	6	All
Hairy cat's ear (HYPO RAD)	6	All
Hedge false bindweed (CALY SEP)	6	All
Mullein (VERB THA)	6	All
Night-flowering catchfly (SILE NOC)	6	All
Perennial sow thistle (SONC ARV)	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



## Salmon Arm IPMA Priority Plant List

<p><b>REGIONAL EDRR</b> - High risk invasive plant species not currently known within the Columbia Shuswap Regional District boundary or brand new incursions that are extremely limited in extent (less than 10 very small sites) within the Columbia Shuswap Regional District boundary. Management objective is eradication.          *Species not found within IPMA and may not be found in CSISS region</p>		
<ul style="list-style-type: none"> <li>- Bighead knapweed</li> <li>- Buffalobur*</li> <li>- Bur chervil*</li> <li>- Colt's foot*</li> <li>- Common bugloss</li> <li>- Cypress spurge</li> <li>- Field scabious</li> <li>- Garlic mustard*</li> <li>- Giant hogweed</li> <li>- Giant knotweed*</li> </ul>	<ul style="list-style-type: none"> <li>- Gorse*</li> <li>- Greater knapweed*</li> <li>- Himalayan knotweed*</li> <li>- Hoary cress*</li> <li>- Japanese butterbur*</li> <li>- Longspine sandbur*</li> <li>- Nodding thistle*</li> <li>- North Africa grass*</li> <li>- Plumeless thistle*</li> <li>- Puncturevine</li> </ul>	<ul style="list-style-type: none"> <li>- Russian knapweed</li> <li>- Shiny geranium*</li> <li>- Short-fringed knapweed</li> <li>- Tansy ragwort*</li> <li>- Tree of heaven*</li> <li>- Wild chervil</li> <li>- Wild parsnip</li> <li>- Wood sage*</li> </ul>
<p><b>ERADICATION or ANNUAL CONTROL</b> – Species are known in the IPMA but with limited distribution and/or significant potential to spread. Management objective is to control sites annually.</p>		
<ul style="list-style-type: none"> <li>- Baby's breath</li> <li>- Black knapweed (BC)</li> <li>- Blueweed</li> <li>- Bohemian knotweed</li> <li>- Himalayan blackberry</li> </ul>	<ul style="list-style-type: none"> <li>- Japanese knotweed</li> <li>- Leafy spurge (BC)</li> <li>- Poison hemlock</li> <li>- Policeman's helmet</li> <li>- Rush skeletonweed (BC)</li> </ul>	<ul style="list-style-type: none"> <li>- Scotch broom</li> <li>- Scotch thistle</li> <li>- Teasel</li> <li>- Yellow archangel</li> <li>- Yellow flag iris</li> </ul>
<p><b>CONTAINMENT</b> – Species are abundant (with no expectation of eradication) in certain portions of the IPMA but have not yet infested all potential habitats. Containment is the management objective. Treat all sites outside of containment lines.</p>		
<p><b>Contain to gardens:</b></p> <ul style="list-style-type: none"> <li>- Butterfly bush</li> <li>- Common periwinkle</li> <li>- English holly</li> <li>- English ivy</li> <li>- Garden yellow loosestrife</li> <li>- Goutweed</li> <li>- Mountain bluet</li> </ul>	<p><b>Contain to gardens Cont'd:</b></p> <ul style="list-style-type: none"> <li>- Russian olive</li> <li>- Salt cedar/ Tamarisk</li> <li>- Siberian elm</li> </ul> <p><b>Contain to White Lake:</b></p> <ul style="list-style-type: none"> <li>- Fragrant water lily</li> </ul> <p><b>Contain to Crazy Creek RR:</b></p> <ul style="list-style-type: none"> <li>- Marsh plum thistle</li> </ul>	<p><b>Contain to west portion of IPMA (treat Seymour Arm and east portion of IPMA):</b></p> <ul style="list-style-type: none"> <li>- Common tansy</li> </ul> <p><b>Contain to Shuswap/ Mara/White Lake:</b></p> <ul style="list-style-type: none"> <li>- Eurasian water milfoil</li> </ul>
<p><b>ESTABLISHED (BIOCONTROL OR SITE-SPECIFIC APPROACH)</b> – Widespread species beyond landscape-level control and/or have relatively low impact. May have biocontrol (BC) available. Treat based on land management objectives.</p>		
<ul style="list-style-type: none"> <li>- Bull thistle (BC)</li> <li>- Burdock</li> <li>- Canada thistle (BC)</li> <li>- Caraway</li> <li>- Chicory</li> <li>- Common comfrey</li> <li>- Curled dock</li> <li>- Dalmatian toadflax (BC)</li> <li>- Diffuse knapweed (BC)</li> <li>- Hoary alyssum</li> </ul>	<ul style="list-style-type: none"> <li>- Hound's tongue (BC)</li> <li>- Knapweed spp. (BC)</li> <li>- Meadow buttercup</li> <li>- Meadow goat's beard</li> <li>- Meadow knapweed (BC)</li> <li>- Nightshade</li> <li>- Orange hawkweed</li> <li>- Oxeye daisy</li> <li>- Purple loosestrife (BC)</li> <li>- Queen Anne's Lace</li> </ul>	<ul style="list-style-type: none"> <li>- Sow thistle spp</li> <li>- Spotted knapweed (BC)</li> <li>- St. John's Wort (BC)</li> <li>- Sulphur cinquefoil</li> <li>- Western goat's beard</li> <li>- Wormwood</li> <li>- Yellow hawkweed spp.</li> <li>- Yellow toadflax (BC)</li> </ul>
<p><b>INSUFFICIENT INFORMATION</b> – Insufficient information for these species on their distribution, impacts, potential for spread and/or feasibility of control. Further information is required.</p>		
<ul style="list-style-type: none"> <li>- Bachelor's button</li> <li>- Black locust</li> <li>- Brown knapweed</li> <li>- Carpet burweed</li> <li>- Creeping buttercup</li> <li>- Curly leaf pondweed</li> <li>- Dame's rocket</li> </ul>	<ul style="list-style-type: none"> <li>- Eyebright</li> <li>- Field bindweed</li> <li>- Flat peavine</li> <li>- Greater celandine</li> <li>- Green foxtail</li> <li>- Kochia</li> <li>- Lady's thumb</li> </ul>	<ul style="list-style-type: none"> <li>- Russian thistle</li> <li>- Scentless chamomile (BC)</li> <li>- Spurge laurel</li> <li>- Sweet fennel</li> <li>- Wild four o'clock</li> </ul>

BC – biocontrol

## Revelstoke IPMA Priority Plant List

<b>REGIONAL EDRR</b> - High risk invasive plant species not currently known within the Columbia Shuswap Regional District boundary or brand new incursions that are extremely limited in extent (less than 10 very small sites) within the Columbia Shuswap Regional District boundary. Management objective is eradication. *Species not found within IPMA and may not be found in CSISS region		
<ul style="list-style-type: none"> <li>- Bighead knapweed</li> <li>- Buffalobur*</li> <li>- Bur chervil*</li> <li>- Colt's foot*</li> <li>- Common bugloss*</li> <li>- Cypress spurge</li> <li>- Field scabious*</li> <li>- Garlic mustard</li> <li>- Giant hogweed*</li> <li>- Giant knotweed</li> </ul>	<ul style="list-style-type: none"> <li>- Gorse*</li> <li>- Greater knapweed*</li> <li>- Himalayan knotweed*</li> <li>- Hoary cress*</li> <li>- Japanese butterbur*</li> <li>- Longspine sandbur*</li> <li>- Nodding thistle*</li> <li>- North Africa grass*</li> <li>- Plumeless thistle*</li> <li>- Puncturevine*</li> </ul>	<ul style="list-style-type: none"> <li>- Russian knapweed*</li> <li>- Shiny geranium*</li> <li>- Short-fringed knapweed*</li> <li>- Tansy ragwort*</li> <li>- Tree of heaven*</li> <li>- Wild chervil</li> <li>- Wild parsnip</li> <li>- Wood sage*</li> </ul>
<b>ERADICATION or ANNUAL CONTROL</b> – Species are known in the IPMA but with limited distribution and/or significant potential to spread. Management objective is to control sites annually.		
<ul style="list-style-type: none"> <li>- Baby's breath</li> <li>- Black knapweed (BC)</li> <li>- Blueweed</li> <li>- Bohemian knotweed</li> <li>- Himalayan blackberry</li> </ul>	<ul style="list-style-type: none"> <li>- Hoary alyssum</li> <li>- Japanese knotweed</li> <li>- Leafy spurge (BC)</li> <li>- Marsh plume thistle</li> <li>- Poison hemlock</li> </ul>	<ul style="list-style-type: none"> <li>- Policeman's helmet</li> <li>- Scotch broom</li> <li>- Teasel</li> <li>- Yellow archangel</li> </ul>
<b>CONTAINMENT</b> – Species are abundant (with no expectation of eradication) in certain portions of the IPMA but have not yet infested all potential habitats. Containment is the management objective. Treat all sites outside of containment lines.		
<b>Contain to gardens:</b> <ul style="list-style-type: none"> <li>- Butterfly bush</li> <li>- Common periwinkle</li> <li>- English holly</li> <li>- English ivy</li> <li>- Garden yellow loosestrife</li> </ul>	<b>Contain to gardens Cont'd:</b> <ul style="list-style-type: none"> <li>- Goutweed</li> <li>- Mountain bluet</li> <li>- Russian olive</li> <li>- Salt cedar/ Tamarisk</li> <li>- Siberian elm</li> </ul>	<b>Contain to southern portion of IPMA:</b> <ul style="list-style-type: none"> <li>- Common tansy</li> </ul> <b>Contain to Revelstoke and Arrow Reservoirs:</b> <ul style="list-style-type: none"> <li>- Eurasian water milfoil</li> </ul>
<b>ESTABLISHED (BIOCONTROL OR SITE-SPECIFIC APPROACH)</b> – Widespread species beyond landscape-level control and/or have relatively low impact. May have biocontrol (BC) available. Treat based on land management objectives.		
<ul style="list-style-type: none"> <li>- Bull thistle (BC)</li> <li>- Burdock</li> <li>- Canada thistle (BC)</li> <li>- Caraway</li> <li>- Chicory</li> <li>- Common comfrey</li> <li>- Curled dock</li> <li>- Dalmatian toadflax (BC)</li> </ul>	<ul style="list-style-type: none"> <li>- Diffuse knapweed (BC)</li> <li>- Hound's tongue (BC)</li> <li>- Knapweed spp. (BC)</li> <li>- Meadow buttercup</li> <li>- Meadow goat's beard</li> <li>- Meadow knapweed (BC)</li> <li>- Orange hawkweed</li> <li>- Oxeye daisy</li> </ul>	<ul style="list-style-type: none"> <li>- Purple loosestrife (BC)</li> <li>- Spotted knapweed (BC)</li> <li>- St. John's Wort (BC)</li> <li>- Sulphur cinquefoil</li> <li>- Western goat's beard</li> <li>- Wormwood</li> <li>- Yellow hawkweed spp.</li> <li>- Yellow toadflax (BC)</li> </ul>
<b>INSUFFICIENT INFORMATION</b> – Insufficient information for these species on their distribution, impacts, potential for spread and/or feasibility of control. Further information is required.		
<ul style="list-style-type: none"> <li>- Bachelor's button</li> <li>- Black locust</li> <li>- Brown knapweed</li> <li>- Carpet burweed</li> <li>- Creeping buttercup</li> <li>- Curly leaf pondweed</li> <li>- Dame's rocket</li> <li>- Eyebright</li> <li>- Field bindweed</li> </ul>	<ul style="list-style-type: none"> <li>- Flat peavine</li> <li>- Fragrant water lily</li> <li>- Greater celandine</li> <li>- Green foxtail</li> <li>- Kochia</li> <li>- Lady's thumb</li> <li>- Nightshade</li> <li>- Queen Anne's Lace</li> <li>- Rush skeletonweed (BC)</li> </ul>	<ul style="list-style-type: none"> <li>- Russian thistle</li> <li>- Scentless chamomile (BC)</li> <li>- Scotch thistle</li> <li>- Spurge laurel</li> <li>- Sweet fennel</li> <li>- Wild four o'clock</li> <li>- Yellow flag iris</li> </ul>

BC – biocontrol

## Golden IPMA Priority Plant List

<b>REGIONAL EDRR</b> - High risk invasive plant species not currently known within the Columbia Shuswap Regional District boundary or brand new incursions that are extremely limited in extent (less than 10 very small sites) within the Columbia Shuswap Regional District boundary. Management objective is eradication. *Species not found within IPMA and may not be found in CSISS region		
<ul style="list-style-type: none"> <li>- Bighead knapweed</li> <li>- Buffalobur*</li> <li>- Bur chervil*</li> <li>- Colt's foot*</li> <li>- Common bugloss</li> <li>- Cypress spurge</li> <li>- Field scabious*</li> <li>- Garlic mustard*</li> <li>- Giant hogweed*</li> <li>- Giant knotweed</li> </ul>	<ul style="list-style-type: none"> <li>- Gorse*</li> <li>- Greater knapweed*</li> <li>- Himalayan knotweed*</li> <li>- Hoary cress*</li> <li>- Japanese butterbur*</li> <li>- Longspine sandbur*</li> <li>- Nodding thistle*</li> <li>- North Africa grass*</li> <li>- Plumeless thistle*</li> <li>- Puncturevine*</li> </ul>	<ul style="list-style-type: none"> <li>- Russian knapweed*</li> <li>- Shiny geranium*</li> <li>- Short-fringed knapweed</li> <li>- Tansy ragwort*</li> <li>- Tree of heaven*</li> <li>- Wild chervil*</li> <li>- Wild parsnip</li> <li>- Wood sage*</li> </ul>
<b>ERADICATION or ANNUAL CONTROL</b> – Species are known in the IPMA but with limited distribution and/or significant potential to spread. Management objective is to control sites annually.		
<ul style="list-style-type: none"> <li>- Baby's breath</li> <li>- Blueweed</li> <li>- Bohemian knotweed</li> <li>- Common Tansy</li> <li>- Diffuse knapweed (BC)</li> </ul>	<ul style="list-style-type: none"> <li>- Hoary alyssum</li> <li>- Japanese knotweed</li> <li>- Knapweed spp. (BC)</li> <li>- Leafy spurge (BC)</li> <li>- Meadow knapweed (BC)</li> </ul>	<ul style="list-style-type: none"> <li>- Poison hemlock</li> <li>- Policeman's helmet</li> <li>- Scentless chamomile (BC)</li> <li>- Spotted knapweed (BC)</li> <li>- Teasel</li> </ul>
<b>CONTAINMENT</b> – Species are abundant (with no expectation of eradication) in certain portions of the IPMA but have not yet infested all potential habitats. Containment is the management objective. Treat all sites outside of containment lines.		
<p><b>Contain to gardens:</b></p> <ul style="list-style-type: none"> <li>- Butterfly bush</li> <li>- Common periwinkle</li> <li>- English holly</li> <li>- English ivy</li> <li>- Garden yellow loosestrife</li> </ul>	<ul style="list-style-type: none"> <li>- Goutweed</li> <li>- Mountain bluet</li> <li>- Orange hawkweed</li> <li>- Russian olive</li> <li>- Salt cedar/ Tamarisk</li> </ul>	<p><b>Contain to northern portion of IPMA:</b></p> <ul style="list-style-type: none"> <li>- Siberian elm</li> <li>- St. John's Wort (BC)</li> </ul>
<b>ESTABLISHED (BIOCONTROL OR SITE-SPECIFIC APPROACH)</b> – Widespread species beyond landscape-level control and/or have relatively low impact. May have biocontrol (BC) available. Treat based on land management objectives.		
<ul style="list-style-type: none"> <li>- Bull thistle (BC)</li> <li>- Burdock</li> <li>- Canada thistle (BC)</li> <li>- Caraway</li> <li>- Chicory</li> <li>- Common comfrey</li> </ul>	<ul style="list-style-type: none"> <li>- Curled dock</li> <li>- Dalmatian toadflax (BC)</li> <li>- Hound's tongue (BC)</li> <li>- Meadow buttercup</li> <li>- Oxeye daisy</li> </ul>	<ul style="list-style-type: none"> <li>- Purple loosestrife (BC)</li> <li>- Western goat's beard</li> <li>- Wormwood</li> <li>- Yellow hawkweed spp.</li> <li>- Yellow toadflax (BC)</li> </ul>
<b>INSUFFICIENT INFORMATION</b> – Insufficient information for these species on their distribution, impacts, potential for spread and/or feasibility of control. Further information is required.		
<ul style="list-style-type: none"> <li>- Bachelor's button</li> <li>- Black knapweed (BC)</li> <li>- Black locust</li> <li>- Brown knapweed</li> <li>- Carpet burweed</li> <li>- Creeping buttercup</li> <li>- Curly leaf pondweed</li> <li>- Dame's rocket</li> <li>- Eurasian water milfoil</li> <li>- Eyebright</li> <li>- Field bindweed</li> </ul>	<ul style="list-style-type: none"> <li>- Flat peavine</li> <li>- Fragrant water lily</li> <li>- Greater celandine</li> <li>- Green foxtail</li> <li>- Himalayan blackberry</li> <li>- Kochia</li> <li>- Lady's thumb</li> <li>- Marsh plume thistle</li> <li>- Meadow goat's beard</li> <li>- Nightshade</li> <li>- Queen Anne's Lace</li> </ul>	<ul style="list-style-type: none"> <li>- Rush skeletonweed (BC)</li> <li>- Russian thistle</li> <li>- Scotch broom</li> <li>- Scotch thistle</li> <li>- Spurge laurel</li> <li>- Sulphur cinquefoil</li> <li>- Sweet fennel</li> <li>- Wild four o'clock</li> <li>- Yellow archangel</li> <li>- Yellow flag iris</li> </ul>

BC – biocontrol