

# Strategic Weed Management Tool

Site analysis and guidance

### Determining what weeds to prioritise



Within our long-term weed management of the western bank of the Yarra in Abbotsford, we must make continual judgement calls on what weeds to prioritise. E.g.:

- Weeds that should be left in place. They may be holding vulnerable, erosion-prone river bank together
- Weeds of National Significance and Victorian Declared Noxious Weeds (see below, and in guide)
- Emerging vs established weeds
- Bully weeds (crowd out other plants, seed constantly)
- Seasonal weeds that disappear
- Weeds that act as buffers against other more problematic weeds
- Our capacity (numbers, availability) and capabilities (high precision weeding skill, weed management abilities)
- Mindset and behaviours (self-restraint, checking before acting)

#### Example of prioritising

This picture predominantly shows an American Rat's tail grass and a flat weed. There are also native grasses and onion orchids in the same frame.

The American Rat's tail is a high priority and should be removed first. The flat weeds are not a high priority here.

#### Why?

The Rat's tail is a bully plant: it crowds out indigenous plants and seeds constantly. Its extensive root system makes it hard to eradicate. The flat weed is plentiful but shallow rooted. It quickly dies off and reappears.

#### Recommended method

Dig out the roots just below the surface with a sharp edged gardening fork. Keep soil disturbance at a minimum.



## Declared noxious weeds:

1. as Weeds of National Significance

2. under the <u>Catchment and Land Protection (CaLP) Act 1994</u>:

Weed of National Significance	WoN	A list of the most problematic plant species in Australia, determined by the federal government based on invasiveness, impacts, potential for spread, and socioeconomic and environmental values.
State Prohibited	S	Do not occur in Victoria but pose a significant threat if they invade, or if they are present here, pose a serious threat and can reasonably be expected to be eradicated.
Regionally Prohibited	Ρ	Not widely distributed in a Region but are capable of spreading further. It is reasonable to expect that they can be eradicated from a Region and they must be controlled or eradicated.
Regionally Controlled	С	Usually widespread and considered important in a particular region. To prevent their spread, continuing control measures are required. Declaration of a Regionally Controlled Weed can be made for the whole Region or certain local government areas.
Restricted	R	Plants that are a serious threat to primary production, Crown land, the environment or community health in another State or Territory, which can potentially spread into and within Victoria, and pose an unacceptable risk of spreading if sold or traded in Victoria.

### Identify your area and weeding guidance using the mapping guide below

Area	Weed	Comments	Action
			S1 - High risk - high priority
			Year-round



Johnson St Bridge Rycensimum       African Box Thorm (Yeeum Seroids Winn)       African Box Thorm (Yeeum Seroids Winn)       African Box Thorm (Yeeum Seroids Winn)       Jan 2022 update - re-emerging on the upper bank lower down from the Computer Share (Fence. Existing stands below the fence. Sisting stands delow the fence. Sisting stand spint poison the stalk.       Sisting stands delow the fence. Sisting stands delow the fence. Sisting stands delow the fence. Sisting stand spint poison the stalk.       Sisting stands delow the fence. Sisting stand delow the fence. Sisting stands delow the fence. Sisting stand delow the fence. Sisting stands delow the fence. Sisting stand				Riverbanker
(Eragrostis curvula)       retaining wall       priority         'Bully' - crowds out other vegetation, tough hard root ball hard to pull out. However, it's binding soil in a couple of erosion-prone spots. Target throughout the year and monitor regrowth       Year-round         1. Cut down stalks and paint poison the stalk       1. Cut down stalks and paint poison the stalk       Simmediately bag grass and any seeds for safe disposal         Install terracing where root base is binding soil. Gradually replace with soil-binding vegetation.       S1 – high risk = high priority	Bridge RIVERINE ZONE OWNER: ASIC (MW drainage caveat) MANAGED: ABR	(Lyceum Ferocissimum) WoNC	<ul> <li>bank lower down from the Computer Share fence. Existing stands below the fence.</li> <li>Mostly eradicated 2017-2019 except stands just below ComputerShare.</li> <li>Year-round management until eradicated <ol> <li>Cut branches back to stump/s</li> <li>Scrape and paint poison stump/s</li> <li>Cut branches into small pieces, immediately take off site.</li> </ol> </li> <li>Follow up regrowth with more poison until</li> </ul>	S
hard root ball hard to pull out. However, it's binding soil in a couple of erosion-prone spots. Target throughout the year and monitor regrowth       1. Cut down stalks and paint poison the stalk       2. Immediately bag grass and any seeds for safe disposal       1. Stall terracing where root base is binding soil. Gradually replace with soil-binding vegetation.       \$1-high risk = high priority				<b>U U</b>
regrowth         1. Cut down stalks and paint poison the stalk         2. Immediately bag grass and any seeds for safe disposal         Install terracing where root base is binding soil. Gradually replace with soil-binding vegetation.         S1 – high risk = high priority		C	hard root ball hard to pull out. However, it's	Year-round
stalk       2. Immediately bag grass and any seeds for safe disposal         Install terracing where root base is binding soil. Gradually replace with soil-binding vegetation.       S1 – high risk = high priority				
for safe disposal         Install terracing where root base is binding soil. Gradually replace with soil-binding vegetation.         Start in the safe disposal         Start in the safe disposal         Start in the safe disposal         Install terracing where root base is binding soil. Gradually replace with soil-binding vegetation.         Start in the safe disposal				
soil. Gradually replace with soil-binding vegetation.         Soil. Gradually replace with soil-binding vegetation.         Still of the second				
			soil. Gradually replace with soil-binding	
Spring Early summer				S1 – high risk = high priority
				Spring Early summer



Asthma plant (Parientaria Judaica)Ha		<ul> <li>Jan 2022 update – still scattered in patches throughout the area, especially higher up close to staircase.</li> <li>Very high seed bearing.</li> <li>Hand remove before seeds mature</li> <li>Bag immediately for disposal.</li> </ul> Do not handle if you have respiratory issues. \$\vee\$	Monitor for spreading.
Heartleaf Iceplant (Aptenia cordifolia)		2022 – Infestation in patches in high bank area beside Johnston St Bridge below Computer	S2-S1 - Moderate risk = moderate priority.
		Share carpark. Mixed with Madeira vine and (some) African Boxthorn.	Year-round
		<ul> <li>Hard to remove as entangled with other weeds and performing an erosion control function in extremely degraded area</li> <li>Hand remove only as feasible when indigenous vegetation can overtake &amp; terracing is secure</li> <li>Bag immediately for disposal</li> </ul>	
Madeira Vine		· · · ·	S1 - High risk - High priority
(Anredera cordifolia)	a) continues being pushed back from the Trail	Year-round	



		Riverbank
R WoNS	<ul> <li>edge. Terrain too steep and soil too poor to dig out: scrape and paint poison necessary.</li> <li>Extremely highly infested area. Significant reduction between 2017 and 2019 but constant monitoring &amp; removal required.</li> <li>Hand remove tubers where feasible</li> <li>Scrape &amp; paint poison difficult-to- remove vines</li> <li>Bag separately from other weeds and destroy safely. DO NOT LEAVE IN PILES ON GROUND.</li> </ul>	
Oxalis (Oxalis Pes- Caprae)	<ul> <li>2022 - Keep targeting to reduce occurrence</li> <li>Bullying tendencies around young plants</li> <li>Viable bulbs through area but fluctuating emergence between 2018 (high) and 2019 (low)</li> <li>1. Cut &amp; paint poison, or</li> <li>2. Dig out bulbs ad hoc when soil dries out</li> </ul>	U – ubiquitous speciesWinterSpringEarly summerOngoing
Purslane (Portulaca oleracea)	<ul> <li>2022 – Keep on top of isolated outbreaks, esp. along Trail.</li> <li>Expanded rapidly in Summer 2019-20.</li> <li>Scattered very lightly in this section, showing less invasive tendencies than elsewhere.</li> <li>Hand weed with fork</li> <li>Pull out from root</li> <li>Minimise soil disturbance. Pat back soil and cover with leaf mulch.</li> <li>Also edible.</li> </ul>	S2-3 Low-medium risk       Summer     Early autumn       Target to halt spread.     Vinter



Wild Radish (Raphanus	Jan 2022 update – greatly reduced but monitor for outbreaks.	S2-S1 - Moderate risk = moderate priority.
raphanistrum)	<ul> <li>Prolific seeder – up to 6 years germination.</li> <li>Annual late winter-early spring, restricted to patches below small retaining wall, around drainage outlets and elsewhere high up on the upper bank where there is almost no indigenous vegetation.</li> <li>Ongoing reduction management as indigenous grasses, ground cover &amp; mulch cover bank.</li> <li>Hand remove as much as feasible before seeds drop and after new seedlings emerge.</li> <li>Cut stem near base. Bagging unnecessary if seedpods closed</li> <li>Replace onsite with leaf mulching and replacement with grasses/groundcovers</li> </ul>	Early Spring Mid-late summe
Small-flowered Mallow (Malva parviflora)	Eliminate in retention areas but of varying priority elsewhere Scattered weeds in disturbed areas with no competition.	U – ubiquitous species           Early Spring         Mid-lat           Summer         Summer
	<ul> <li>Hard to eliminate. Non-bully annual.</li> <li>Remove early Spring or mid-late Summer if recurring.</li> <li>Hand weed with fork/knife without disturbing soil. Recover with leaf mulch.</li> </ul>	
Common Cat's-	Part of a group of mainly yellow-flowered	U – ubiquitous species
ear/Flat-weed	daisies in the Tribe Lactuceae.	Early Spring



(Hypochoeris radicata)		<ul> <li>Hard to eliminate. Non-bully annuals</li> <li>Occurs among sweet vernal grass, Cleavers sticky weed, fumitory and other annuals in bare, disturbed &amp; degraded sections around Johnston Street Bridge.</li> <li>Ongoing reduction management as indigenous grasses, ground cover &amp; mulch cover bank.</li> <li>Hand weed with fork/knife without disturbing soil. Recover with leaf mulch.</li> </ul>		
Panic Veldt grass		Scattered weeds of disturbed areas. Hard to	U - Ubiquitous species	
(Ehrharta erecta)		eliminate. Ongoing reduction management as indigenous	Year-round	
		<ul> <li>grasses, ground cover &amp; mulch cover bank.</li> <li>Eliminate in asset retention areas.</li> <li>To manage by: <ul> <li>Hand removal: hand weed with fork/knife without disturbing soil. Recover with leaf mulch.</li> <li>Poison: spot cut and paint poison. Cut to base and brush. Cover area with leaf mulch.</li> </ul> </li> </ul>	Target before seeds drop,	
Cleavers Stickyweed (Galium aparine)		Scattered weeds of disturbed areas	U – ubiquitous species	
(Ganam aparine)	and the second	Smothering but non-bullying annual, hard to eliminate. Fills void late winter early spring	Winter	Spring
		<ul> <li>where no groundcover or leaf mulch</li> <li>Ongoing reduction management as indigenous grasses, ground cover &amp; mulch cover bank.</li> <li>Eliminate in priority areas with existing vegetation or being prepared for planting</li> </ul>		



Sweet Vernal Grass (Anthoxanthum odoratum)	<ul> <li>Gradually reduce through hand weeding with fork/knife</li> <li>DO NOT DRAG stems. This causes seeds to drop.</li> <li>Target in asset retention areas.</li> <li>Annual late winter-early spring and Summer, scattered through bank.</li> <li>Will invade low leaf-mulch areas where understory not established and fill void left by other weed removal.</li> <li>Hard to eliminate. Ongoing reduction management.         <ul> <li>Gradually remove through hand weeding, leaf mulching, replacing with grasses/groundcovers.</li> <li>If a barrier against other weed infestation, leave intact but remove</li> </ul> </li> </ul>	U – ubiquitou Winter-S (before see	pring	Summer- Autumn (young plant)
	seed heads wherever possible.			
White Fumitory	Annual late winter-early spring, scattered	S2 - Moderat	e risk = Mo	derate
(Fumaria capreolata)	through bank. Fills void left by other weed removal	priority		
	Terrioval	Autumn	Winter	Spring



	<ul> <li>Ongoing. Eliminate from asset retention (highest quality) areas first.</li> <li>Remove as much as feasible before seeds drop.</li> <li>Target weeds where flowering stems have smothered vegetation</li> <li>Bag flowering/seeding plants immediately</li> <li>Replace onsite with leaf mulching and replacement with grasses/groundcovers.</li> <li>DO NOT DRAG stems. This causes seeds to drop.</li> </ul>	However, fumitory chokes competing indigenous vegetation – monitor priority level.
Heartleaf ice plant (Aptenia cordifolia)	Concentrated on upper bank close to ComputerShare. To be gradually removed. Method not yet established. Eliminate from asset retention area as possible.	S3 – low risk – low priority Year round
Tall Fleabane (Conyza Bonariensis	<ul> <li>Erect, annual herb to 1 m tall with grey, bristle-like hairs.</li> <li>Grows around Victoria colonising disturbed space.</li> <li>The only one seen as at March 2020.</li> <li>Target before buds open/seeds drop</li> <li>Hand remove carefully at root. Bag for disposal.</li> </ul>	S3 – low risk = low priority Summer Autumn However, monitor for possible spread.



		1		Riverban
	Wild Fennel (Foeniculum vulgare) <mark>R</mark>		Eradicated from site around low retaining wall as at 1 January 2019.	
	Corn Sow Thistle (Sonchus arvensis)		Non-bullying annual, hard to eliminate.	U – Ubiquitous species
	Doesn't seem to be		Occurs among sweet vernal grass, Cleavers sticky weed, Flat-weed, fumitory and other	Year-round
	identified as weed in Victoria. But this isn't Common sow thistle)		sticky weed, Flat-weed, fumitory and other annuals in bare, disturbed & degraded sections around Johnston Street Bridge. Spot weed, using fork/knife to dig out from tap root.	Monitor for regrowth. Seems to be spreading along south side of Johnston St Bridge.
Area	Weed		Comments	Action
Johnston St Bridge	Hemlock (Conium	All south	• Small, localised outbreaks in 'mini	S1 - High risk - High priority
RIPARIAN ZONE	Maculatum)		<ul><li>floodplain'</li><li>Monitor for possible spread.</li></ul>	Year-round
OWNER:				



				<b>Kiverbanker</b>
ASIC (MW waterway management) <b>MANAGED:</b> ABR (ASIC permission)	Kikuyu grass (Pennisetum clandestinum)		<ul> <li>Jan 2022 update – Kikuyu continues to be a key erosion prevention component.</li> <li>Melbourne Water and ARB have continued brushcutting along the Trail and beside the steps from the Trail to the river.</li> <li>Experimental brushcutting to the left of the steps has attracted people onto the lower bank beside the steps and risks rapid erosion.</li> <li>For this reason, ARB will confine brushcutting to the above areas and will reassess at the end of 2022.</li> </ul>	High brush cut around steps only. Monitor for human traffic and reassess with brushcutting and other team members regularly.
	Madeira Vine (Anredera cordifolia) <mark>R</mark> WoNS		Jan 2022 update – brushcutting may have encouraged some Madeira spread. Infesting the riparian zone, as seen by young vines emerging above kikuyu grass and growing out onto the Trail. But Kikuyu is largely keeping Madeira in check ATM.	SI – high risk = high priority MONITOR CONTINUALLY FOR OUTBREAKS. Scrape & paint poison outbreaks growing above kikuyu grass.
	Curled dock (Rumex		Jan 2022 – volume of mature plants much reduced. 2018-2020 - scattered plentifully throughout	S1 – highly invasive = high risk.
	crispus)			Summer
		<ul> <li>and remove smaller plants</li> <li>Cut larger plants to base of plant and paint poison</li> <li>Bag stems for removal</li> </ul>	Target young plants as they emerge.	

Area	Weed	Comments	Action
		'Bully' – crowds out other vegetation, tough root ball.	S1 – High risk = high priority.



'Open' area	African lovegrass (Eragrostis curvula)	Concentrated near access hand-cut pathway to upper section (south of Old Dead Tree); scattered elsewhere.	
RIVERINE ZONE OWNER: ASIC MANAGED: ABR (informal)	C	<ul> <li>Target throughout the year and monitor regrowth.</li> <li>1. Target seed-bearing stalks</li> <li>2. Cut down stalks and paint poison the stalk</li> <li>3. Immediately bag grass and any seeds for safe disposal</li> <li>Install terracing where root base is binding soil. Gradually replace with soil-binding vegetation.</li> </ul>	Year-round Eliminate seed base.
	Madeira Vine (Anredera	Jan 2022 update – the Madeira 'edge' continues being	S1 - High risk - High priority
	cordifolia) R	pushed back from the Trail edge. Terrain too steep and soil too poor to dig out: scrape and paint poison necessary.	Year-round
	WoNS	<ul> <li>Feb 2019 update – almost eliminated immediately about CC trail (monitoring outbreaks).</li> <li>Extremely highly infested area. Significant reduction between 2017 and 2019 but constant monitoring &amp; removal required.</li> <li>Hand remove tubers where feasible</li> <li>Scrape &amp; paint poison difficult-to-remove vines</li> <li>Bag separately from other weeds and destroy safely. DO NOT LEAVE IN PILES ON GROUND.</li> </ul>	MONITOR CONTINUALLY FOR OUTBREAKS.
	Angled Onion (Allium Triquetrum)	Eliminate from asset retention areas first.	S2 - Moderate risk = Moderate priority
	inquetrum	Colonised in small-medium patches throughout site	Early-mid Spring



R	<ul> <li>Ongoing. Gradually eliminate in asset retention areas.</li> <li>Target plants in spring when stalks &amp; flowers are visible</li> <li>Dig out entire plant with bulb without disturbing soil. Recover with leaf mulch.</li> <li>Also edible.</li> </ul>	
Asthma Plant (Parientaria	Scattered throughout bank	S1 – high risk = high priority
Judaica)	High seed bearing	Year-round
	Hand remove and bag immediately for removal Do not handle if you have respiratory issues.	Monitor for spreading as other weeds are reduced.
		Reduce seed bank July-September before seeds drop.
Couch Grass (Cynodon	Jan 2022 update – continues to be very aggressive	S1 – highly invasive = high risk.
Dactylon)	coloniser, especially above low retaining wall north of Old Dead Tree.	Year-round
	<ul> <li>Hand weed with minimal soil disturbance as possible. OR</li> <li>Scrape and paint poison where terrain too unstable to dig.</li> <li>Cover thickly with leaf mulch and plants, terracing, other structural elements.</li> <li>Prioritise areas where indigenous vegetation can take over.</li> </ul>	Ongoing
		S2 – medium risk, medium priority

Drain Flat Sedge (Cyperus Eragrostis)		Jan 22 update – infestation much reduced. Monitor and remove outbreaks.	Summer	Autumn
		<ul> <li>Tufted perennial with very short rhizomes. Common and often troublesome weed of wet, open, disturbed environments.</li> <li>Outbreaks emerged late 2019 to early 2020, possibly as a result of hot and humid summer. Seen in flatter areas where moisture accumulates: beside the Trail and flat part of upper bank.</li> <li>Target in summer-autumn and monitor regrowth.</li> <li>Carefully hand weed with fork to remove entire plant incl. roots.</li> <li>Bag for removal.</li> </ul>		
Prickly Pear (Opuntia Stricta)		Isolated stand in site Eradicated from site as at June 2018	S1 - High risk - High	) priority
Common Purslane (Portulaca oleracea)		<ul> <li>2022 – infestation much reduced but keep on top of outbreaks, esp. along Trail.</li> <li>Hand weed with fork</li> </ul>	S3- low risk, low pr	iority
(			Summer	Early Autum
		<ul> <li>Pull out from root, minimising soil disturbance.</li> <li>Pat back soil and cover with leaf mulch.</li> </ul>	HOWEVER target to	o halt spread.
Tall Fleabane (Conyza		Erect, annual herb to 1 m tall with grey, stiff, bristle-like	S3 – Low risk, low p	priority.
Bonariensis		hairs.	Summer	Autumn



Wild Radish (Raphanus raphanistrum)			risk = Moderate priority /ear-round
*photo show young arum lilies emerging in March	Colonised in patches throughout open area Ongoing until eradicated. 2 suggested approaches: 1. Dig out bulbs 2. Cut off stalks and paint poison Take care around indigenous plantings	Autumn	Winter
White Arum lily (Zantedescia aethiopica)	Highly invasive, moderate spreading ability.	S1-2 – Medium high priority	n-high risk = medium-
	<ul> <li>Seen growing towards top of bank around casuarinas in March 2020.</li> <li>Target before buds open/seeds drop</li> <li>Hand remove carefully at root. Bag for disposal.</li> </ul>	However, mon	itor to see if it spreads



	<ul> <li>Annual late winter-early spring to summer, throughout bank where there is no indigenous ground competition/vegetation.</li> <li>Ongoing reduction management as indigenous grasses, ground cover &amp; mulch cover bank.</li> <li>Hand remove July-September and January-March as much as feasible before seeds drop and after fresh seedlings emerge.</li> <li>Cut weed stem near base. Bagging unnecessary if seedpods closed.</li> </ul>	HOWEVER, a prolific Target flowering and get seed off site.	
Oxalis (Oxalis Pes Caprae)	Bullying weed, almost impossible to eliminate. Colonised entire bank. Cut & paint poison/hand remove bulbs when soil is drier.	U ubiquitous Winter Ongoing	Spring
nmon Cat's-ear/Flat- ed (Hypochoeris	Occurs among sweet vernal grass, Cleavers sticky weed, Common Sow-thistle, fumitory and other annuals in bare,	U = ubiquitous specie	25
cata)	<ul> <li>disturbed &amp; degraded sections around Johnston Street Bridge.</li> <li>Part of a group of mainly yellow-flowered daisies in the Tribe Lactuceae.</li> <li>Remove new growth from asset retention areas during Spring where possible</li> <li>Hand weed without disturbing soil. Cover with leaf mulch.</li> </ul>	Winter	Spring



		_	
Cleavers Stickyweed	Smothering but non-bullying annual, hard to eliminate.	S2 - medium risk - Hig	gh priority
(Galium aparine)	Fills void late winter early spring where no groundcover or leaf mulch	Autumn Winte	r Spring
	Ongoing reduction management as indigenous grasses, ground cover & mulch cover bank.		
	• Eliminate in priority areas with existing vegetation or being prepared for planting		
	<ul> <li>Gradually reduce through hand weeding with fork/knife</li> <li>DO NOT DRAG stems. This causes seeds to drop.</li> </ul>		
Desert Ash (Fraxinus angustifolia)	Isolated stand in site above path near Old Dead Tree Eradicated from site as at June 2018 Regrowth – scrape & paint poisoned December 2019 Regrowth one location Jan 2020 • Cut back trunk • Brush and paint poison trunk Monitor until eradicated – very persistent	U – ubiquitous specie Year-ro	
Sweet Vernal Grass	Non-bullying annual, hard to eliminate.	U – ubiquitous specie	25
(Anthoxanthum odoratum)	If a barrier against other weed infestations, leave intact.	Winter-Spring	Summer (you
ouoratum	Annual late winter-early spring, scattered through bank.	(before seeds drop)	plant)



White Fumitory (Fumaria	<ul> <li>Will invade low leaf-mulch areas where understory not established and fill void left by other weed removal.</li> <li>Target in late Winter-Spring and Summer in asset retention areas.</li> <li>Pull out by hand without disturbing soil.</li> <li>Re-cover with leaf mulch, replacing with grasses/groundcovers.</li> <li>CUT OFF SEED HEADS if not possible to remove.</li> </ul>	S2 - Modera	te risk = Mo	derate prior
White Fumitory (Fumaria capreolata)	<ul> <li>Annual late winter-early spring, scattered through bank.</li> <li>Fills void left by other weed removal</li> <li>Ongoing reduction management. Eliminate from asset retention (highest quality) areas first.</li> <li>Remove as much as feasible before seeds drop.</li> <li>Target weeds where flowering stems have smothered vegetation</li> <li>Bag flowering/seeding plants immediately</li> <li>Replace onsite with leaf mulching and replacement with grasses/groundcovers.</li> <li>DO NOT DRAG stems. This causes seeds to drop.</li> </ul>	S2 - Modera Autumn Get seed bar	Winter	derate prior Spring (before seeds dro
English Ivy (Hedera helix)	WEED OF NATIONAL SIGNIFICANCE – illegal	S1 – High ris	k = High prie	ority







WoNC       Reduced to a few patches near old dead tree between       Reduced pradually from wider coverage around basalt stone pile and allocasuarina littoralis trees 2017-2019.       Nonitor for regrowth patches, esp.         1) Cut branches back to stump/s       Cut branches back to stump/s       Sorape and paint polson stump/s       Sora poly paintimescore       Sorape			Riverball
(Malva parviflora)       Explosion of growth in Summer 2019-20       Year-round         Ongoing       • Pull out as they emerge and before seeds drop.       • Hand weed with fork/knife without disturbing soil.       • But target regrowth in previously sparse areas.         • Recover with leaf mulch.       • Recover with leaf mulch.       • Sa-low priority.	WoNC C	<ul> <li>2017-19</li> <li>Reduced gradually from wider coverage around basalt stone pile and allocasuarina littoralis trees 2017-2019.</li> <li>1) Cut branches back to stump/s</li> <li>2) Scrape and paint poison stump/s</li> <li>3) Cut branches into small pieces for immediate removal</li> <li>4) Follow up regrowth until plant is dead</li> <li>POISON WITHIN 10 SECONDS OF SCRAPING/CLIPPING, as</li> </ul>	around Old Dead Tree, acacia
(Datura stramonium) immediately remove.		<ul> <li>Explosion of growth in Summer 2019-20</li> <li>Ongoing <ul> <li>Pull out as they emerge and before seeds drop.</li> <li>Hand weed with fork/knife without disturbing soil.</li> </ul> </li> </ul>	But target regrowth in previously
		Recover with leaf mulch.	



		Kive	PIDAIIKEI
C	<ul> <li>Emerged in summer 2019-20. Under 20 plants identified and immediately dug out at root.</li> <li>Remove at root with fork or knife</li> <li>Keep soil disturbance at a minimum</li> <li>Recover with leaf mulch.</li> </ul>	Monitor. POISONOUS 🕏	
White clover (Trifolia repens)	<ul> <li>Jan 2022 update – control this aggressive coloniser where it re-emerges.</li> <li>Emerged in patches across zone, spread during 2021 Covid lockdown when Parks Vic prohibited zone access.</li> <li>Spreads through creeping stems at ground level, producing multiple roots and taking over as they spread.</li> <li>Carefully hand weed using fork.</li> <li>Minimal soil disturbance, pat back soil, mulch / replace with indigenous ground cover.</li> </ul>	S 2 – medium risk = medium pri Winter-Spring Late summer- Monitor for spreading.	

Area	Weed	Comments	Action
	African Lovegrass (Eragrostis curvula)	'Bully' – crowds out other vegetation, tough ha	ard root S1 - High risk = High priority
	(Eragrostis curvula)	ball hard to pull out.	Year-round
			Tear-touliu



			Kiverk	anne
Old dead tree to Cypress tree RIVERINE ZONE OWNER: ASIC MANAGED: ABR (informal)	C	<ul> <li>Scattered throughout site.</li> <li>1. Cut down stalks and paint poison the stalk</li> <li>2. Immediately bag grass and any seeds for safe disposal</li> <li>3. Target throughout the year and monitor regrowth.</li> <li>Install terracing where root base is holding soil together and gradually replace with soil-binding grasses &amp; groundcover.</li> </ul>		
	Black nightshade (S	Mostly clustered near the cypress tree and isolated	S2 - Moderate risk = Moderate prio	rity
	nigrum) – high impact weed	elsewhere. Eliminate from retention (highest quality) areas first.	Winter Sprin	3
		<ul> <li>Carefully cut back flowering woody stems. Bag if seed pods are open.</li> <li>Paint poison/dig up root.</li> <li>Hand weed young plants with fork/knife. Bag immediately.</li> </ul>	Target seeding plants – get seed of	f site.
	Desert Ash (Fraxinus		S1 – Low risk = low priority	
	augustifolia)		Year-round	



WoNS		Jan 2022 update – Desert ash re-emerged between Sweet bursarias. Remove and monitor for re-emergence elsewhere. March 2021 – Desert Ash growing beside Sweet Bursarias Isolated plant emergence across bank. Highly invasive in riparian areas. • Cut back trunk • Brush and paint poison trunk Monitor until eradicated – very persistent	HOWEVER monitor for po emergence.	ossible re-
Prickly Pear (Opuntia Stricta)		Isolated stands in site.	S1 - High risk - High priori	ity
· · ·		Eradicated in site as at June 2018.		
WoNS -		RE-Eradicated onsite as at December 2020		
		Monitoring for outbreaks.		
Cleavers Stickyweed	TO AL	Jan 2022 update – much reduced in this zone. Continue	S2 - Moderate risk = Mod	lerate priority
(Galium aparine)		to target. Smothering but non-bullying annual, hard to eliminate. Scattered through bank. Fills void left by other weed removal	Winter	Spring
	A SAME			
		Ongoing		
		<ul> <li>Focus on priority areas with existing vegetation or being prepared for planting</li> </ul>		
		<ul> <li>Gradually reduce through hand weeding with fork/knife</li> </ul>		
		fork/knife		

			Abbots Riverba
Sweet Vernal Grass (Anthoxanthum	Jan 2022 update – continue to hand weed, eliminating from retention (highest quality) areas first.	Winter-Spring (before seed drop)	Summer (young plar
odoratum)	<ul> <li>Scattered through bank, extensive seed bank.</li> <li>*Spraying in 2018-19 by Helen Macrae was ineffective and time wasting. Grasses regrew densely around the low retaining wall near the Old Dead Tree.</li> <li>Under weed management, the seed bank is being gradually reduced through hand-weeding.*</li> <li>Weeding options: <ul> <li>Hand weed gradually using fork</li> <li>Carefully uproot young plants in clumps.</li> <li>Cut mature plants at base and brush with poison</li> <li>Remove grass heads where impossible to weed everything</li> </ul> </li> <li>Pat down disturbed soil and cover with leaf/other mulch</li> </ul>	Ongoing reduction man replacement with indige groundcover.	
Trad (Tradescantia	Colonised terrain from (scattered) Old Dead Tree to	S1 - High risk = High pric	ority
fluminensis)	(predominating) beginning of giant retaining wall.	Year-round	
	<ul> <li>Hand weed with fork</li> <li>Take care not to drop pieces of stem. They will regrow.</li> <li>Bag immediately for disposal</li> </ul>	However, in 2019-20, co against erosion & other	-
Madeira Vine	WEED OF NATIONAL SIGNIFICANCE – illegal	S1 - High risk = High prio	ority
(Anredera cordifolia)		Year-rou	nd



R WoNS	<ul> <li>Infestation across entire area, endangering vegetation assets (e.g. stands of melaleuca ericafolia, bursaria spinosa).</li> <li>Year-round management until eradicated: <ul> <li>hand remove tubers</li> <li>scrape &amp; paint poison difficult-to-remove vines</li> <li>Bag immediately DO NOT LEAVE IN PILES ON GROUND</li> </ul> </li> </ul>		
(Malva parviflora)	Late winter through to autumn, concentrated along	S1-S2 – Moderate to	high priority
	pathway and near drainage. Colonisation has exploded in summer 2019-20. This has ramped up the priority rating.	Winter- Spring (befor seed drop)	re Summer- Autumn (young plant)
	<ul> <li>Remove by hand using fork.</li> <li>Keep soil disturbance to a minimum. Recover with leaf/dead grass/palm mulch sourced nearby.</li> </ul>	Target seeding plants	s – get seed off site.
White Fumitory (Fumaria capreolata)	Annual late winter-early spring, scattered through bank.	S2 - Moderate risk =	Moderate priority
	Fills void left by other weed removal		



		I River Dalike
	<ul> <li>Ongoing <ul> <li>Remove as much as feasible before seeds drop.</li> <li>Target weeds where flowering stems have smothered vegetation</li> <li>Bag flowering/seeding plants immediately</li> <li>Replace onsite with leaf mulching and replacement with grasses/groundcovers.</li> <li>DO NOT DRAG stems. This causes seeds to drop.</li> </ul> </li> </ul>	Target seeding plants – get seed off site.
Wild Radish	Prolific seeder – up to 6 years germination.	S2 - Moderate risk = Moderate priority
(Raphanus raphanistrum)	Annual late winter-early spring, throughout bank where there is no indigenous ground competition/vegetation at all.	Winter-Spring Mid-late Summer
	Ongoing reduction management as indigenous vegetation & mulch cover bank.	
	Hand remove July-September and January- February as much as feasible before seeds drop and after fresh seedlings emerge.	
	Cut weed stem near base. Bag if seed pods are	
	<ul> <li>open</li> <li>Eliminate from asset retention areas first.</li> </ul>	Target seeding plants – get seed off site.
	• Eliminate from asset retention areas first.	
	March 2021 – much reduced onsite but continue to address.	
	March 2022 – Further reduced onsite, continue to manage.	

				Abbotsford Riverbanker	
Black nightshade (Solanum nigrum)		Heavy infestation around cypress tree and some infestation near Canary Island palms.	Winter	Spring	
		<ul> <li>Hand remove July-September as much as feasible before seeds drop.</li> <li>Carefully cut back flowering woody stems. Bag if seed pods are open.</li> <li>Paint poison/dig up root.</li> <li>Hand weed young plants with fork/knife. Bag immediately.</li> <li>Eliminate from asset retention (highest quality) areas first.</li> </ul>	Target seeding plants –	get seed off site.	
Angled Onion (Allium	um	Colonised in large patches throughout site	S2 - Moderate risk = Moderate priority		
Triquetrum)		Ongoing. Gradually eliminate in asset retention areas.	Winter	Spring	
R		<ul> <li>Target plants in spring when stalks &amp; flowers are visible</li> <li>Dig out entire plant with bulb without disturbing soil. Recover with leaf mulch.</li> <li>Also edible.</li> </ul>	Eliminate from asset ret areas first.	ention	

Area	Weed	Comments	Action		
Cypress tree to retaining	Asthma Weed (Parietaria Judaica)		S2-S1 - Moderate to high risk = Moderate priority		risk = Moderate
wall		infestations.	Autumn	Winter	Spring



			Kiverbalik
RIVERINE ZONE OWNER: ASIC MANAGED: ABR (informal)		<ul> <li>Bag up any plants with seeds to prevent spreading.</li> <li>Do not handle if you have respiratory issues.</li> </ul>	Monitor as other weeds are reduced. <b>Reduce seed bank before seeds drop.</b>
	African Lovegrass (Argrostis curvula)	Scattered throughout site. Bully – crowds out other vegetation, tough hard root ball hard to pull out.	S1 - High risk = High priority
		<ol> <li>Cut down stalks and paint poison the stalk</li> <li>Immediately bag grass and any seeds for safe disposal</li> <li>Target throughout the year and monitor regrowth Target seeding plants to reduce seedbank and prioritise plants for removal.</li> <li>Install terracing where root base is holding soil together and gradually replace with soil-binding grasses &amp; groundcover.</li> </ol>	Year-long
	Madeira Vine (Anredera cordifolia)	Jan 2022 update	S1 - High risk - High priority Year-long



R WoNS	<ul> <li>Moderately infested area. Significant reduction between 2017 and 2022 but constant monitoring &amp; removal required.</li> <li>Hand remove tubers where feasible</li> <li>Scrape &amp; paint poison difficult-to-remove vines</li> <li>Bag separately from other weeds and destroy safely. DO NOT LEAVE IN PILES ON GROUND.</li> </ul>	
Wild Radish	Prolific seeder – up to 6 years germination.	S2 - Moderate risk = Moderate priority
(Raphanus raphanistrum)	Annual late winter-early spring, restricted to patches below	Year-round
,	small retaining wall, around drainage outlets and elsewhere high up on the upper bank where there is almost no indigenous vegetation.	
	Heavy infestation between Old Dead Tree and old cypress tree against retaining wall. Ongoing reduction management as indigenous grasses,	
	ground cover & mulch cover bank.	Eliminate from retention areas first.
	<ul> <li>Hand remove July-September and January- February as much as feasible before seeds drop and after fresh seedlings emerge.</li> </ul>	Target seeding plants – get seed off site.
	<ul> <li>Cut weed stem near base. Bagging unnecessary if seedpods closed</li> </ul>	
	Eliminate from asset retention areas first.	



	Replace onsite with leaf mulching and replacement with grasses/groundcovers		Riverbanke
Cleavers Stickyweed (Galium aparine)	Smothering but non-bullying annual, hard to eliminate. Fills void late winter early spring where no groundcover or	S2 - Moderate risk = Moderate	Spring
	<ul> <li>leaf mulch</li> <li>Ongoing reduction management as indigenous grasses, ground cover &amp; mulch cover bank.</li> <li>Eliminate in priority areas with existing vegetation or being prepared for planting</li> <li>Gradually reduce through hand weeding with fork/knife</li> <li>DO NOT DRAG stems. This causes seeds to drop.</li> </ul>		
Trad (Tradescantia	However: currently buffer against erosion & other weeds	S1 - High risk = High priority	
fluminensis)	Colonised terrain from (scattered) Old Dead Tree to (predominating) beginning of giant retaining wall.	Year-round	
	<ul> <li>Hand weed with fork</li> <li>Take care not to drop pieces of stem. They will regrow.</li> <li>Bag immediately for disposal</li> </ul>		
Madeira Vine		S1 - High risk = High priority	
(Anredera cordifolia)		Year-round	



				_	
R WoNS		<ul> <li>Infestation across entire area, endangering vegetation assets (e.g. coppice eucalyptus trees in front of retaining wall, pictured)</li> <li>Ongoing until eradicated.</li> <li>Year-round management until eradicated: <ul> <li>hand remove tubers</li> <li>scrape &amp; paint poison hard-to-remove vines</li> <li>Bag immediately DO NOT LEAVE IN PILES ON GROUND</li> </ul> </li> </ul>			
Sweet vernal grass		Target in spring in retention areas.	U – ubiquitous s	pecies	
(Anthoxanthum odoratum)		Annual late Winter-early Spring and Summer, scattered through bank. Invades low leaf-mulch areas where understory not	Winter-Sprin (before seed dr		Summer (young plant)
		established. Fills void left by other weed removal. Hard to eliminate. Ongoing reduction management. If a barrier against other weed infestation, leave intact/brush cut.	Gradually remov leaf mulching, re grasses/groundo	eplacing w	
White Fumitory	Second States	Annual late winter-early spring, scattered through bank.	S2 - Moderate ri	isk = Mod	erate priority
(Fumaria capreolata)		Fills void left by other weed removal Ongoing	Winter	Spring	Early Autum
		<ul> <li>Remove as much as feasible before seeds drop.</li> <li>Target weeds where flowering stems have smothered vegetation</li> <li>Bag flowering/seeding plants immediately</li> <li>Replace onsite with leaf mulching and replacement with grasses/groundcovers.</li> <li>DO NOT DRAG stems. This causes seeds to drop.</li> </ul>	Eliminate from r <b>Target seeding p</b>		
Wild Radish (Raphanus raphanistrum)		Annual late winter-early spring throughout bank where there is no indigenous ground competition/vegetation.	S2-S1 - Moderat priority	e to high	risk = Moderat



<ul> <li>Hand remove July-September and January-February as much as feasible before seeds drop and after fresh seedlings emerge.</li> </ul>	
<ul> <li>Cut weed stem near base. Bagging unnecessary if seedpods closed</li> <li>Eliminate from asset retention (highest quality) areas first.</li> </ul>	High priority to reduce seed bank July- September before seeds drop.
Replace onsite with leaf mulching and replacement with grasses/groundcovers.	

Area	Weed	Comments		Action	
	Angled Onion	Colonised in small-medium patches	S2 - Moderate risk =	Moderate p	riority
'Shady' zone	(Allium Triquetrum) R	throughout site Ongoing. Gradually eliminate in asset retention	Earl	y-mid Spring	
RIPARIAN OWNER: ASIC MANAGED: MELBOURNE WATER		<ul> <li>areas.</li> <li>Target plants in spring when stalks &amp; flowers are visible</li> <li>Dig out entire plant with bulb without disturbing soil. Recover with leaf mulch.</li> <li>Also edible.</li> </ul>	Eliminate from asset	t retention ar	reas first.
WATER	Asthma Weed (Parietaria Judaica)	Colonised extensively around river edge and at top of riparian bank just below path.	S2-S1 - Moderate to priority for this area	-	Noderate
		<ul> <li>Hand remove seedlings; surface spray large infestations.</li> </ul>	Autumn	Winter	Spring
		<ul> <li>Bag up any plants with seeds to prevent spreading.</li> <li>Do not handle if you have respiratory issues.</li> </ul>	Monitor as other weeds are reduced. Reduce seed bank July-September before seeds drop.		



	<ul> <li>Scattered along top of riparian ridge close to Capital City Trail</li> <li>Potential to become a high risk if colonising beyond current locations.</li> <li>If unable to identify without seed head: Cut weed stem near base and paint poison</li> </ul>	S1-2 – moderate risk in this section, highly invasive		
	<ul> <li>base.</li> <li>If able to identify with seed head: Surface spray with glyphosate</li> </ul>	Autumn	Early Summer	
		Target seeding plants – get	seed base off site.	
	Weed of riparian zones & disturbed	S1 – high risk = high priority		
	woodlands. *One of the world's 'worst weeds' (Herbiguide).	Late Spring	Early Summer	
	<ul> <li>Scattered plentifully throughout site, particularly at water's edge.</li> <li>Target early summer before flowers open <ul> <li>Cut to base of plant and paint poison</li> </ul> </li> <li>Bag stems for removal</li> </ul>			
	<image/>	to Capital City Trail• Potential to become a high risk if colonising beyond current locations.• If unable to identify without seed head: Cut weed stem near base and paint poison base.• If able to identify with seed head: Surface spray with glyphosate• If able to identify with seed head: Surface spray with glyphosate• If able to identify with seed head: Surface spray with glyphosate• If able to identify with seed head: Surface spray with glyphosate• If able to identify with seed head: Surface spray with glyphosate• If able to identify with seed head: Surface spray with glyphosate• If able to identify with seed head: Surface spray with glyphosate• If able to identify with seed head: Surface spray with glyphosate• If able to identify with seed head: Surface spray with glyphosate• If able to identify with seed head: Surface 	to Capital City Trail       invasive         • Potential to become a high risk if colonising beyond current locations.       · If unable to identify without seed head: Cut weed stem near base and paint poison base.       · If able to identify with seed head: Surface spray with glyphosate         • If able to identify with seed head: Surface spray with glyphosate       · If able to identify with seed head: Surface spray with glyphosate       · Autumn         • Veed of riparian zones & disturbed woodlands. *One of the world's 'worst weeds'       · If able to identify throughout site, particularly at water's edge.       · S1 - high risk = high priority Late Spring         • Cut to base of plant and paint poison       · Target early summer before flowers open       · Cut to base of plant and paint poison	



Dandelion (Taraxacum			S1-S2 Moderate to high risk. SEE BELOW.	
(Taraxacum Officinale)Increased growth in Summer 2019-20.Recommended removal: cut to base before seed heads emerge and poison paint. Monitor for re-growth and any invasive 	SpringSummerHowever, dandelion growth has been aggressiv along the Capital City Trail in summer 2019-20. Monitor for further spread.			
			S1 – High risk = High priority	4
English Elm (Ulmus procera)		<b>Highly invasive, slow rate of dispersal.</b> Colonised patches at river edge (e.g. to the right of kayak launch); possibly elsewhere.		
			Summe	er
		Target suckers	Monitor for emerging suckers. Melbourne Water is doing elm removal so not be necessary.	ers.
		Scrape and paint poison during dry periods		elm removal so m
		Monitor for progress & outbreaks*		
		*best season not yet established but assumption is for Summer.		
		Melbourne Water is targeting elm suckers as part of campaign on both sides of the river.		
			S1 – high risk = high priority.	
			or ingittion ingit priority	•



(Penn	/u grass nisetum destinum)		<ul> <li>Colonised much of riparian zone below pathway and around trees at water edge (e.g. Eucalyptus camaldulenses).</li> <li>Gradually remove, concentrate on asset retention areas <ul> <li>Bring down grass level (brush cut)</li> <li>Hand weed to remove from root using a fork</li> </ul> </li> <li>Break down dead grass layers to allow leaf mulch to accumulate. Break up dead grass to use as mulch if leaf mulch unavailable.</li> <li>Hand weed &amp; surface spray emerging weeds.</li> <li>Bag all weeds for immediate removal.</li> </ul> <li>Do not spray during times of stress. E.g. extreme temperatures. Poison take-up is poor.</li>		
	e Clover			S3 – low risk = low priority	
(Trifol	(Trifolium repens)			Winter-Spring	Mid-late Summer

Area	Weed	Comments	Action	
	Angled Onion (Allium	Colonised in small-medium patches throughout site	S1 – High risk = High priority	
	Triquetrum)	Ongoing. Gradually eliminate, prioritising vegetation asset areas.	Early-mid Spring	



			<b>Kiverbalkers</b>
Flood plain below concrete retaining wall RIPARIAN ZONE OWNER: CROWN	WoNS, R	<ul> <li>Target plants in spring when stalks &amp; flowers are visible</li> <li>Dig out entire plant with bulb without disturbing soil. Recover with leaf mulch.</li> </ul>	Eliminate from asset retention areas first.
LAND MANAGED: MELBOURNE WATER	Asthma Weed (Parietaria Judaica)	<ul> <li>January 2022 update –</li> <li>Extensively reduced 2020-21. Monitor for outbreaks and remove.</li> <li>Colonised extensively around river edge and at top of riparian bank just below path.</li> <li>Hand remove seedlings; surface spray large infestations.</li> <li>Bag up any plants with seeds to prevent spreading.</li> <li>Do not handle if you have respiratory issues.</li> </ul>	S2-S1 - Moderate to high risk = Moderate priority for this area.AutumnWinterSpringMonitor as other weeds are reduced.SpringWeed before seeds drop.
Black nightshade (Solanum nigrum) – high impact weed	<ul> <li>January 2022 update –</li> <li>Extensively reduced 2020-21. Monitor for outbreaks and remove.</li> <li>Scattered where other weeds (e.g. kikuyu) have thinned out.</li> <li>Eliminate from retention (highest quality) areas first.</li> <li>Monitor for potential spread.</li> </ul>	S2 - Moderate risk = Moderate priorityWinterSpringTarget seeding plants – get seed off site.	
			S1 – high risk, highly invasive.


Chinese wormwood/mugwort (Artemisia		Jan 2022 update – Careful weeding and brushcut management where they are not preventing erosion. Scattered throughout zone, especially in sunnier patches.		Early Sum	mer
verlotiorum)		<ul> <li>Outcompetes other plants for moisture.</li> <li>Melbourne Water crew targeting wormwood in the area.</li> <li>Hand weed where they are not preventing erosion (e.g. around dead Acacia tree).</li> <li>High brushcut other infestation areas (e.g. south end of zone).</li> </ul>	Monitor f	or infestatio	on spread.
Cocksfoot (Dactylis glomerate)	<ul> <li>Potential to become a high risk if colonising beyond current locations.</li> <li>Scattered along top of riparian ridge close to Capital City Trail</li> </ul>	S1 – high risk           Autumn         Early Summer		rly Summer	
		<ul> <li>Scattered along top of riparian ridge close to Capital City Trail</li> <li>If unable to identify without seed head: Cut weed stem near base and paint poison base.</li> <li>If able to identify with seed head: Surface spray with glyphosate</li> </ul>		Not a priority weed in 2020.	
Cleavers Stickyweed		Smothering but non-bullying annual, hard to eliminate.	U — ubiqu	itous specie	25
(Galium aparine)		Fills void late winter early spring where no groundcover or leaf mulch	Winter	Spring	Early Summer
		Ongoing reduction management as indigenous grasses, ground			



Common Purslane			S3 - Low risk = low priority		
(Portulaca oleracea)			Summer HOWEVER targ		ly Autu
Creeping Buttercup (Ranuncula repens)	Jan 2022 update – continues to be aggressive coloniser in dry to damp ephemeral zone.	S2 – medium ri	isk = mediu	m prio	
	<ul> <li>Acts as a terrain stabiliser in this flash-flood impacted zone in the absence of indigenous vegetation.</li> <li>Also provides spots to walk on without damaging young indigenous vegetation.</li> <li>Monitor for spread.</li> <li>Hand weed with minimal soil disturbance.</li> <li>Prioritise areas where indigenous vegetation can take over.</li> </ul>	Spring S	Summer	Early Autun	
Couch Grass (Cynodon dactylon)		<ul> <li>Jan 2022 update – continues to be very aggressive coloniser in ephemeral zone below planting area below Trail.</li> <li>Monitor for spread.</li> </ul>	S1 – highly invasive = high risk.		
			Ye	ear-round	
	<ul><li>Hand weed with minimal soil disturbance.</li><li>Prioritise areas where indigenous vegetation can take over.</li></ul>	Ongoing			
Curled dock (Rumex		Jan 2022 – volume of mature plants much reduced. Target young	S1 – highly inva	asive = high	risk.
crispus) plants	plants as they emerge.	Late Spring	Forb	/ Summ	



		Weed of riparian zones & disturbed woodlands. *One of the world's 'worst weeds' (Herbiguide). 2018-2020 - scattered plentifully throughout site, particularly at water's.	TARGET to halt sprea	ad.
		<ul> <li>Target early summer before flowers open</li> <li>Hand remove smaller plants</li> <li>Cut larger plants to base of plant and paint poison</li> <li>Bag stems for removal</li> </ul>		
English Elm (Ulmus		Mar 2020 update: Melbourne Water is poisoning the suckers. Highly invasive, slow rate of dispersal. Colonised patches at river edge (e.g. to the right of kayak launch); possibly elsewhere. Target suckers	S2 – Moderate risk	
procera)			Late Summer	Early Autum
			Moderate priority in	
			suckers re-emerge. <b>*Replace with</b> indigenous riparian plants as feasible in this high-traffic area*	
		Scrape and paint poison suckers Cut close to ground and paint IMMEDIATELY, as plant's protective		
		mechanisms emerge quickly.		
Great Bindweed		Jan 2022 update – ongoing, in larger quantities than 2021. Still	S1 - high risk = high	priority.
(Calystegia sylvatica)	outcompeted by Persicaria.	Summer	Early Autum	



			Riverbankers
		<ul> <li>Feb 2021 – strong presence onsite but outcompeted by Persicaria decipiens and hydropiper.</li> <li>Spring 2019 – Quickly spread, with fallen Acacia mearnsii trunk a major locus of colonisation and spread. Runners going up bank &amp; down to river edge. Potential to spread rapidly.</li> <li>Isolate and eradicate before seeds drop &amp; spread.</li> <li>Carefully hand remove stems &amp; bag for removal</li> <li>Monitor outbreaks; surface spray/cut &amp; paint poison.</li> </ul>	Continue to address during warm months.
Kikuyu grass		Jan 2022 update – Monitor and contain regrowth & spread in	S1 – High risk = High priority
(Pennisetum clandestinum)		planting zone below Capital City Trail.	Sept. Dec. Mar.
		<ul> <li>Colonised much of riparian zone below pathway and around trees at water edge (e.g. Eucalyptus camaldulenses).</li> <li>Gradually remove, concentrate on asset retention areas <ul> <li>Hand weed to remove from root using a fork</li> <li>Break down dead grass layers to allow leaf mulch to accumulate. Break up dead grass to use as mulch if leaf mulch unavailable.</li> <li>Bag all weeds for immediate removal.</li> <li>Replace with plants and plant stakes as much as possible</li> </ul> </li> </ul>	DO NOT REMOVE WHERE IT IS HOLDING THE BANK TOGETHER This risks bank collapse HIGH BRUSH CUT ONLY in these areas (E.g. near old dead Acacia tree)
Oxalis (Oxalis Pes-		Jan 2022 – Keep targeting to reduce occurrence	U – ubiquitous species
Caprae)		<ul> <li>Bullying tendencies around young plants</li> <li>Viable bulbs through area but fluctuating emergence between 2018 (high) and 2019 (low)</li> </ul>	Winter Spring Early Summer
		<ol> <li>Cut &amp; paint poison, or</li> <li>Dig out bulbs ad hoc when soil dries out</li> </ol>	
		Jan 2022 update – coordinate with Melbourne Water crew to	S2 – High risk = high priority
		manage and gradually remove around vegetation assets.	Year-round



				Riverbalikers
Pampas Lily of the Valley (Salpichroa Origanifolia) C (R elsewhere in Victoria)		Restricted to river edge area between Turner St exit ramp and 'sea kayak landing. Dominant understorey with Tradescantia fluminensis. Melbourne Water weed control priority. https://www.vgls.vic.gov.au/client/en_AU/search/asset/1014021/0	-	o replacement s flash flood zone. dually remove as
Scarlet Pimpernel		Non-bullying annual, hard to eliminate.	U – ubiquitous s	pecies
(Anagallis Arvensis)		Late Spring-early Summer, scattered through bank Remove by hand (Spring or mid-late Summer if recurring) without	Late Spring	Early Summer
		disturbing soil. Recover with leaf mulch.	Ongoing	
Small-flowered		<ul> <li>Jan 2022 update – monitor for new outbreaks</li> <li>Scattered through bank. Non-bullying annual, hard to eliminate.</li> <li>Remove by hand without disturbing soil.</li> </ul>	U – ubiquitous species	
Mallow (Malva parviflora)			Early Spring	Mid-late Summer
		<ul> <li>Recover with leaf mulch.</li> </ul>	Ongoing	
Wandering Trad	North Carl	Jan 2022 update – GRADUALLY remove in planting areas	S1 - High risk = H	ligh priority
(Tradescantia fluminensis)		Priority for gradual removal around existing vegetation assets and where replacement indigenous plants become established.	Yea	r-round
		<ul> <li>Colonised shady area in patches across the whole zone.</li> <li>Hand weed with fork</li> <li>Take care not to drop pieces of stem. They will regrow.</li> <li>Bag immediately for disposal.</li> </ul>	LEAVE Trad whe understorey in fl acts as a weed b	



White Fumitory (Fumaria capreolata)		<ul> <li>Annual late winter-early spring, scattered through zone. Fills void left by other weed removal, grows around tree trunks.</li> <li>Ongoing reduction management. Eliminate from asset retention (highest quality) areas first.</li> <li>Remove as much as feasible before seeds drop.</li> <li>Target weeds where flowering stems have smothered vegetation</li> <li>Bag flowering/seeding plants immediately</li> <li>Replace onsite with leaf mulching and replace with grasses/groundcovers.</li> <li>DO NOT DRAG stems. This causes seeds to drop.</li> </ul>	S2 - Moderate risk = priority Autumn Winter	Moderate Spring
Wild Radish (Raphanus raphanistrum)		S2 - Moderate risk = priority.		
		<ul> <li>Hand remove as much as feasible before seeds drop and after new seedlings emerge.</li> <li>Cut weed stem near base. Bagging unnecessary if seedpods closed.</li> </ul>	Winter-Spring	Mid-late Summer
			Ongoing reduction to bank	o reduce seed
Wild Turnip (Brassica tournifortii)		As above. Ongoing reduction management.	S2 – medium risk = n	nedium priority
See right for difference with Wild Turnip)		1. Charlosk 2. Whid Turnip 3. Whid Badish	Winter-Spring Less prolific than Wil monitor for spread.	Summer



Area	Weed	Comments		Action	
'Turner Street	Asthma Weed (Parietaria Judaica)	<ul><li>Minor infestation in patches throughout zone.</li><li>Hand remove seedlings; surface spray</li></ul>	S2-S1 - Moderate priority.	e to high risk =	Moderate
Triangle' up to open bluestone		<ul><li>large infestations.</li><li>Bag up any plants with seeds to prevent</li></ul>	Autumn	Winter	Spring
drain		<ul> <li>spreading.</li> <li>Do not handle if you have respiratory issues.</li> </ul>	Monitor as other	weeds are re	duced.
RIVERINE ZONE	Black nightshade	Infestation in patches between bluestone drain	S2 – moderate ris	sk = moderate	e priority
OWNER:	(Solanum nigrum)	open area through to Helen's patch. Monitor for possible spread.	Winter	Spring	Early summer
CROWN LAND		<ul> <li>Hand remove July-September as much as feasible before seeds drop.</li> </ul>			
CITY OF YARRA / MELBOURNE		<ul> <li>Cut weed stem near base. Bagging unnecessary if seedpods closed</li> </ul>			
WATER		Eliminate from asset retention (highest quality) areas first.			
	Common Buckwheat (Fagopyrum	<ul> <li>Carefully hand remove July-September before seeds drop.</li> <li>Ensure replacement with mulch, stakes,</li> </ul>	S2 – moderate risk = moderate priority		
			Winter		Spring
	escolentum)	replacement plants in this gravelly erosion- prone soil below the Main City Trail			
	2018-2021 – quite heavy infestation around the elm tree below the Main City Trail. Gradually removed. Some plants remaining Autumn 2022.				
	Wild Fennel	In 2022 Fennel continues to infest the upper	S2 – high risk = hi	igh priority	
	(Foeniculum vulgare)	section of the riverine zone, esp. northern section	Year-round		



R

Kikuyu grass (Pennisetum clandestinum)



Colonised upper bank between callistemon stand and the left of bluestone open drain (continuing across the bank on the other side of the drain).

Gradually remove dead grass to allow leaf mulch to accumulate.

Monitor feasibility of removing kikuyu completely in this drainage area, given erosion tendencies and water overflow from drain without other vegetation to hold in the soil.

Weeding options:

- 1. Reduce grass level (around drain, other erosion-prone sections)
  - Bring down grass level (brush cut)
- 2. Remove kikuyu grass (closer to the path where there are plantings)
  - Hand weed to remove from root using a fork
- Break down dead grass layers to allow leaf mulch to accumulate. Break up dead grass to use as mulch if leaf mulch unavailable.
- Hand weed & surface spray emerging weeds.

• Bag all weeds for immediate removal. Do not spray during times of stress. E.g. extreme temperatures. Poison take-up is poor.

Brush cut, targeted surface spray new growth

In highly disturbed soil with Parks Vic asbestos caveat, cut to base and paint poison. Monitor for re-emergence.

S1 - High risk = High priority

High risk in mass planting area. In other areas, a buffer against erosion & other weeds

Sept. Dec. Mar.



High priority to reduce and gradually eliminate kikuyu so indigenous plants can outcompete and less aggressive weeds can colonise.



	<ol> <li>Gradually reduce level and remove as asbestos problem is addressed and revegetation is gradually extended.</li> <li>Brush cut, targeted surface spray new growth</li> <li>Gradually break up dead grass build-up to allow leaf mulch to accumulate</li> <li>Don't spray during times of stress. E.g. extreme temperatures. Poison take-up is poor.</li> </ol>	
Madeira Vine	WEED OF NATIONAL SIGNIFICANCE – illegal	S1 - High risk = High priority
(Anredera cordifolia)	Almost eradicated in 'pointy end' of Turner St Triangle 2016-19	Year-round
R WoNS	Combined infestation elsewhere tangled with Kikuyu grass. Infesting existing trees, tall and medium shrubs.	
	Ongoing until eradicated	
	<ul> <li>Target for eradication around important vegetation assets (e.g. stands of eucalyptus camaldulensis, eucalyptus melliodora, allocasuarina verticillata.</li> </ul>	
	Brush-and-paint poison given asbestos in	
	the soil 🐱	
	<ul> <li>Experiment with targeted surface spray on shallow regrowth.</li> </ul>	
Common Purslane	2022 – infestation much reduced but keep on top	S3 - Low risk
(Portulaca oleracea)	of isolated outbreaks, esp. along Trail.	Summer



		<ul> <li>Hand weed with fork</li> <li>Pull out from root, minimising soil disturbance.</li> <li>Pat back soil and cover with leaf mulch.</li> </ul>	BUT expanding rapidle to halt spread.	y from end 2019. Target
Wild Radish (Raphanus raphanistrum)	A VAN	S2-S1 - Moderate to high risk = Moderate priority for this area. Annual late winter-early spring throughout bank	priority	-
		where there is no indigenous ground competition/vegetation at all.	Winter-Spring	Mid-late Summer
		Prolific seeder (up to 6 years germination)	Monitor as other weeds are reduced. Reduce seed bank July-September before seeds drop.	
		Not many plants in this area.		
		• Hand remove July-September and January- February as much as feasible before seeds drop and after fresh seedlings emerge		
		<ul> <li>Cut weed stem near base. Bagging unnecessary if seedpods closed</li> </ul>		y-september before
		<ul> <li>Eliminate from asset retention (highest quality) areas first.</li> </ul>		
		Replace onsite with leaf mulching and replacement with grasses/groundcovers.		
Oxalis (Oxalis Pes		Jan 2022 update – continue to steadily target	S2 - Moderate risk	
Caprae)		Bullying annual, almost impossible to eliminate	Winter	Spring



R		Colonised entire bank Cut & paint poison/hand weed bulbs when soil is drier	Ongoing	
Common Cat's-	<b>公共新世界国家</b>	Hard to eliminate. Non-bully annuals	U – ubiquitous speci	es
ear/Flat-weed (Hypochoeris radicata)		Occurs among sweet vernal grass, Cleavers sticky weed, fumitory and other annuals in bare,	Winter	Spring
		<ul> <li>weed, fumitory and other annuals in bare, disturbed &amp; degraded sections around Johnston Street Bridge.</li> <li>Pull out by hand without disturbing soil.</li> <li>Pat soil down and cover with leaf mulch.</li> </ul>	Ongoing reduction management as indigenou grasses, ground cover & mulch cover bank.	
Small-flowered		Late winter-early autumn, concentrated along	S2-S1 - Moderate ris	k = Moderate priority
Mallow (Malva parviflora)		pathway and near drainage. Colonisation has increased in 2019.	Late Winter	Early Autumn
		<ul> <li>Ongoing – easily managed as this is a highly monitored area</li> <li>Remove out early Spring or mid-late Summer if recurring.</li> <li>Remove by hand without disturbing soil. Recover with leaf mulch.</li> </ul>	Target mature plants July-September bef seeds drop.	
Stinging nettle		Late winter-early spring, concentrated along	S2-S1 - Moderate risk = Moderate priority.	
(Urtica Urens)		pathway and near drainage. Colonisation has increased in 2019.	Winter	Spring
		Hand weed, pat back disturbed soil & cover with leaf mulch	Reduce seed bank Ju seeds drop.	ly-September before
			S2 - Moderate risk =	

				Abbotsford Riverbankers
White Fumitory (Fumaria	Annual late winter-early spring, scattered through bank. Fills void left by other weed removal	Winter	Early-mid Spring	Early Autumn
capreolata)	<ul> <li>Ongoing</li> <li>Remove as much as feasible before seeds drop.</li> <li>Target weeds where flowering stems have smothered vegetation.</li> <li>Bag flowering/seeding plants immediately</li> <li>Replace onsite with leaf mulching and replacement with grasses/groundcovers.</li> <li>DO NOT DRAG stems. This causes seeds to drop.</li> </ul>	Target flowering	plants. Get se	edbank off site.

Area	Weed	Comments	Actio	n
Turner St Triangle RIPARIAN ZONE OWNER: CROWN LAND MANAGED: MELBOURNE WATER	Curled Dock (Rumex Crispus)	<ul> <li>Weed of riparian zones &amp; disturbed woodlands. *One of the world's 'worst weeds' (Herbiguide).</li> <li>Scattered plentifully throughout site, particularly at water's edge.</li> <li>Target early summer before flowers open</li> <li>Cut to base of plant and paint poison</li> <li>Bag stems for removal.</li> </ul>	S1 – highly invasive = high Early Summer	risk. Autumn
			S1 - High risk = High priori	ty



Kikuyu grass		January 2022 update – gradually reduce level and		Year-round	
(Pennisetum clandestinum)		remove as terracing is installed against erosion and revegetation is gradually extended.			
		More feasible now after major drainage works in 2021, reducing the possibility of runoff.	aHigh priority to reduce and gradually eliminate kikuyu so indigenous plants can		
	NEWS CONTRACTOR	Kikuyu has colonised the bank between the left of open drain and the north end of our operational area.	outcompete. Monitor as other	weeds are reduced.	
		Major component against erosion, outcompetes other weeds.	DO NOT REMOVE IF ANY EROSION RISK EXIS		
		Two approaches recommended:			
		<ol> <li>Brush cut to reduce thick grass to a manageable level for future hand weeding &amp; revegetation</li> </ol>			
		2. Hand weed from root, using fork			
		Bag all weeds for immediate removal.			
Common Purslane	A. 30.1 1	<ul> <li>2022 – infestation much reduced but keep on top of isolated outbreaks, esp. along Trail.</li> <li>Hand weed with fork</li> </ul>	S3 - Low risk		
(Portulaca oleracea)	2		Summer	Autumn	
	• Pull out from root, minimising soil disturbance. Pat back soil and cover with leaf mulch.	BUT expanding ra to halt spread.	pidly from end 2019. Tarı		



Ribwort plantain (Plantago lanceolata)				
Small-flowered Mallow (Malva parviflora)	<ul> <li>Concentrated along pathway and near drainage.</li> <li>Colonisation has increased in 2019.</li> <li>Ongoing – easily managed as this is a highly monitored area</li> <li>Remove out early Spring or mid-late Summer</li> </ul>	this area.	isk = Moderate priority for Early Spring Mid-late Summer	
	<ul> <li>if recurring.</li> <li>Remove by hand without disturbing soil.</li> <li>Recover with leaf mulch.</li> </ul>	Reduce seed bank J seeds drop.	July-September before	
Stinging nettle (Urtica Urens)	Concentrated along pathway and near drainage. Colonisation has increased in 2019.	S2-S1 - Moderate ri this area.	isk = Moderate priority for	
	Ongoing – easily managed as this is a highly monitored area	Winter	Spring	
	Remove July-September Hand weed, pat back disturbed soil & cover with leaf mulch	Reduce seed bank J seeds drop.	July-September before	
	Scattered through bank. Fills void left by other weed	S2 - Moderate risk = Moderate priority		
	removal	Winter	Spring Early Autumn	





## Ongoing

- Remove July-September as much as feasible before seeds drop.
- Target weeds where flowering stems have smothered vegetation
- Bag flowering/seeding plants immediately
- Replace onsite with leaf mulching and replacement with grasses/groundcovers.

DO NOT DRAG stems. This causes seeds to drop.

Area	Weed	Comments			Action		
Many weeds in this section (e.g. kikuyu grass) act as a temporary buffer against other weeds. Prioritise smothering weeds like Anredera cordifolia and eliminate lyceum ferocissimum.							
Open area (open	Asthma Weed (Parietaria Judaica)		<ul><li>Extensive patches throughout zone.</li><li>Hand remove seedlings; surface spray large</li></ul>		derate to hi priority for 1	•	
bluestone drain to end of ARB site at			<ul><li>infestations.</li><li>Bag up any plants with seeds to prevent</li></ul>	Autumn	Winter	Spring	
bluestone drain to river)			spreading. Do not handle if you have respiratory issues.	Monitor as other weeds are reduced.			
RIVERINE ZONE				Reduce see before see		-September	
OWNER:	Black nightshade		Scattered throughout zone	S3 – low ri	sk = low pric	ority	
CROWN LAND	(solanum nigrum)			Winter	Sr	oring	



				Riverbanke		
MANAGED: PARKS VICTORIA WATER MANAGER: Melbourne Water			<ul> <li>BUT monitor for spread in sprayed areas lacking vegetation and leaf mulch</li> <li>Hand remove July-September as much as feasible before seeds drop.</li> <li>Carefully cut back flowering woody stems. Bag if seed pods are open.</li> <li>Paint poison/dig up root.</li> <li>Hand weed young plants with fork/knife. Bag immediately.</li> </ul>	However, monitor for potential spread.		
	Common Purslane (Portulaca Oleracea)		<ul> <li>Hand weed with fork</li> <li>Pull out from root</li> <li>Minimise soil disturbance. Pat back soil and cover with leaf mulch.</li> <li>Also edible.</li> </ul>	S3 – Low risk= low prioritySummerAutumnBUT expanding rapidly from summer 2019. Target to halt spread.		
	Common (or narrow-leafed)		Colonised patches of riverine zone Hand remove plants in Spring before flowering	S2 – Moderate risk = Moderate priority		
	Vetch (Vicia Sativa)		Also spray Autumn-winter DO NOT USE GLYPHOSATE, use TORDON as most effective for grass dominant areas	Autumn Winter Spring		



Desert Ash		WEED OF NATIONAL SIGNIFICANCE – illegal	S1 – high risk = high priority
(Fraxinus Angustifolia)		Identified isolated stand in Eucalyptus melliodora/Allocasuarina verticillata belt below Turner St Feb. 2020) Cut back trunk Brush and paint poison trunk Monitor until eradicated – very persistent	Year-round Remove from site
Madeira Vine (Anredera cordifolia) R WONS	<image/>	<ul> <li>WEED OF NATIONAL SIGNIFICANCE – illegal</li> <li>Colonised grassy riverine slope and infested trees.</li> <li>Combined infestation elsewhere tangled with Kikuyu grass. Infesting existing trees, tall and medium shrubs.</li> <li>Year-round management until eradicated.</li> <li>Brush-and-paint poison given asbestos in the soil ×</li> <li>Experiment with targeted surface spray on shallow regrowth.</li> <li>DO NOT SPRAY VINES. Poison does not penetrate.</li> <li>DO NOT MOW. a) This causes heavier infestation b) It can scatter aerial tubers</li> <li>Scrape &amp; paint poison hard-to-remove vines with glyphosate. Studies have found other pesticides ineffectual.</li> <li>Secateur-cut and paint poison emerging plants</li> <li>Bag immediately</li> <li>DO NOT PUT IN COMPOST</li> <li>1<sup>st</sup> priority: trees and other existing vegetation, which get smothered (cut ends with secateurs,</li> </ul>	S1 - High risk = High priority Year-round





		Hand remove July-September as much as feasible before seeds drop.	Reduce see	d bank	
White fumitory (Fumaria		Annual early autumn-early spring, scattered through bank. Fills void left by other weed removal. <b>Very</b>		S2 – moderate risk	
Čapreolata)		<ul> <li>persistent, extensive seedbank.</li> <li>Ongoing <ul> <li>Remove as much as feasible before seeds drop.</li> <li>Target weeds where flowering stems have smothered vegetation</li> <li>Bag flowering/seeding plants immediately</li> <li>Replace onsite with leaf mulching and replacement with grasses/groundcovers.</li> </ul> </li> <li>DO NOT DRAG stems. This causes seeds to drop.</li> </ul>	Autumn Target flow Get seed ba		
Wild Radish (Raphanus		Not many plants in this area.	S2-S1 - Moo priority	derate risk	= Moderate
raphanistrum)			Winter-S	Spring	Mid-late Summer





Annual late winter-early spring throughout bank where there is no indigenous ground competition/vegetation at all.

Prolific seeder (up to 6 years germination)

- Hand remove July-September and January-February as much as feasible before seeds drop and after new seedlings emerge.
- Eliminate from asset retention (highest quality) areas first.
- Cut weed stem near base. Bagging unnecessary if seedpods closed

Monitor as other weeds are reduced.

Reduce seed bank.

Area	Weed	Comments			Action
Open area (open bluestone drain to end of ARB site at bluestone drain to river)	Chilean Needle Grass (Nassella neesiana) R	<ul> <li>Isolated patches near northern end of site close to bluestone drain</li> <li>Identified and removed by Melbourne Water crew 2020-21.</li> <li>Continue to monitor for outbreaks.</li> </ul>	S1 – highly i	nvasive = high	risk. Year-round
ZONE	Common <b>(or</b>		S2 – Moder	ately invasive =	= moderate risk
OWNER:	<b>narrow</b> <b>leafed)</b> Vetch (Vicia Sativa)		Autumn	Winter	Spring







	<ul> <li>plants cannot outcompete.</li> <li>Gradually remove dead grass to allow leaf mulch to accumulate.</li> <li>2. Brush cut to reduce thick grass to a manageable level for hand weeding.</li> <li>Weeding: <ul> <li>Hand weed to remove from root using a fork</li> <li>Break down dead grass layers to allow leaf mulch to accumulate. Break up dead grass to use as mulch if leaf mulch unavailable.</li> <li>Hand weed &amp; surface spray emerging weeds.</li> <li>Bag all weeds for immediate removal.</li> </ul> </li> <li>Do not spray during times of stress. E.g. extreme temperatures. Poison take- up is poor. times of stress.</li> </ul>			
Common Purslane	Poison take-up is poor. 2022 – infestation much reduced but keep on top of	S3 - Low risk = low p		
	readed bat keep on top of	Summer	Aut	umn



(Portulaca oleracea)	<ul> <li>isolated outbreaks, esp. along Trail.</li> <li>Hand weed with fork</li> <li>Pull out from root, minimising soil disturbance.</li> <li>Pat back soil and cover with leaf mulch.</li> </ul>	BUT expanding rapidly from end 2019. Target to halt spread.
Oxalis (Oxalis Pes Caprae) R	Non-bullying annual, almost impossible to eliminate. Colonised entire bank. Low priority 2019-20 Cut & paint poison/extract bulbs on ad hoc basis	S2 - Moderate risk Winter Spring
Purple top (Verbena Bonariensis)	January 2022 update – Multiplied in volume between Trail and river during 2020-20 Covid lockdown. Starting to address through scrape and paint poisoning to eradicate plants in situ	S2 - Moderate risk Summer Address before flowers have matured and seeds have dropped.
Small- flowered Mallow	to keep lower bank intact. Concentrated along pathway and near	S2-S1 - Moderate risk = Moderate priority for this area.       Late     Early       Winter     Spring   Mid-late Summer



					<b>Kiver Daliker</b>
(Malva parviflora)		<ul> <li>drainage. Colonisation has increased in 2019.</li> <li>Ongoing – easily managed as this is a highly monitored area</li> <li>Remove out early Spring or mid-late Summer if recurring.</li> <li>Remove by hand without disturbing soil. Recover with leaf mulch.</li> </ul>	Reduce see	ed bank J	uly-September before seeds drop.
Stinging		pathway and near drainage. Colonisation has increased in 2019. Ongoing – easily managed as this is a highly monitored area	S2-S1 - Mo	derate ri:	sk = Moderate priority for this area.
nettle (Urtica Urens)			Winte	-	Spring
			Reduce see	ed bank J	uly-September before seeds drop.
White			S2 - Moder	ate risk =	Moderate priority
Fumitory			Winter	Spring	Early Autumn



		Riverbankers
(Fumaria capreolata)	<ul> <li>Scattered through bank.</li> <li>Fills void left by other weed removal</li> <li>Ongoing <ul> <li>Remove as much as feasible before seeds drop.</li> <li>Target weeds where flowering stems have smothered vegetation</li> <li>Bag flowering/seeding plants immediately</li> <li>Replace onsite with leaf mulching and replacement with grasses/groundcovers.</li> </ul> </li> <li>DO NOT DRAG stems. This causes seeds to drop.</li> </ul>	