

Site Name:	
Recorder:	
Date:	
Time:	

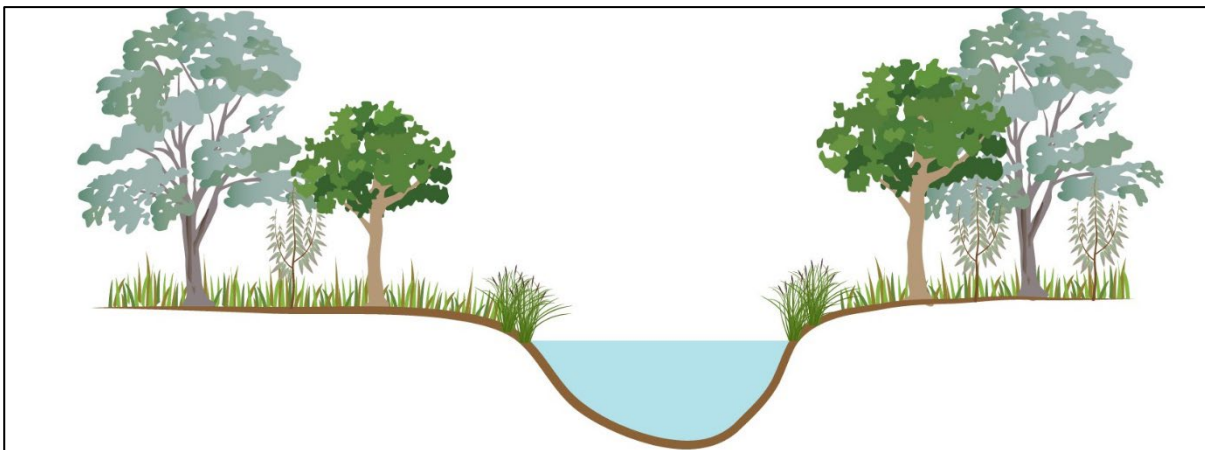
Category/Indicator	Score range	Calculate your score
VEGETATION COVER	Max score of 20	
Canopy	Max score 5	
Midstory	Max score 5	
Understory	Max score 5	
Ground	Max score 5	
WEED COVERAGE & DISTRIBUTION	Max score of -10	
Weed cover	Max score -5	
Weed distribution	Max score -5	
WOODY DEBRIS	Max score of 8	
Standing dead trees	Max score 2	
Hollow bearing trees	Max score 2	
Fallen logs	Max score 4	
FITZROY WATERWATCH RIPARIAN CONDITION	Max total score 28	

Grade	A	B	C	D	E
Score	28 - 24	23 - 19	12 - 18	5 - 11	0 - 4

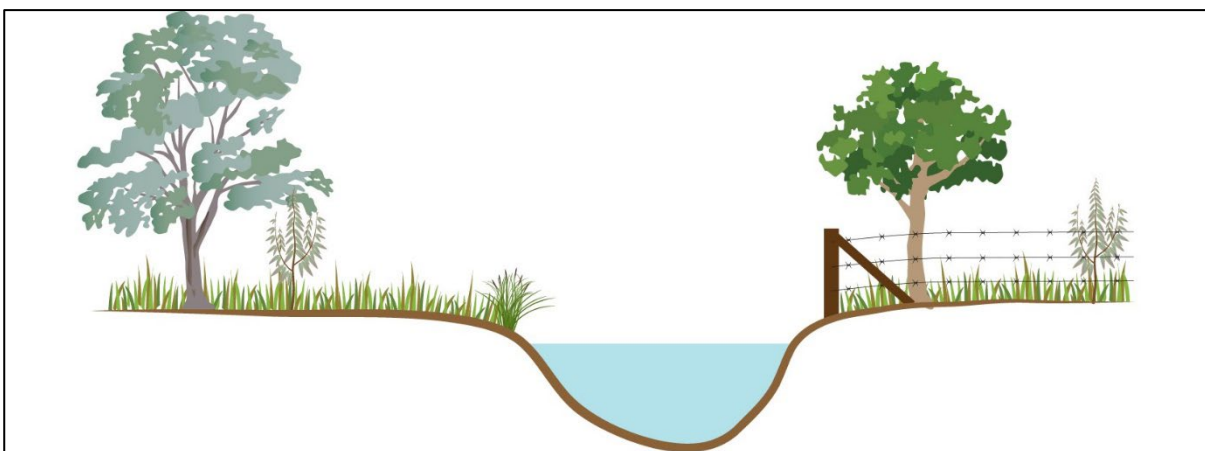
The riparian zone is the unique area where land and waterway join. You will find unique vegetation types and density which change as you move away from the riparian zone and onto the land. The size of every riparian zone is different, you will usually see a distinct difference in vegetation where the riparian zone ends, and land (terrestrial) vegetation starts.

Riparian Rapid Assessment

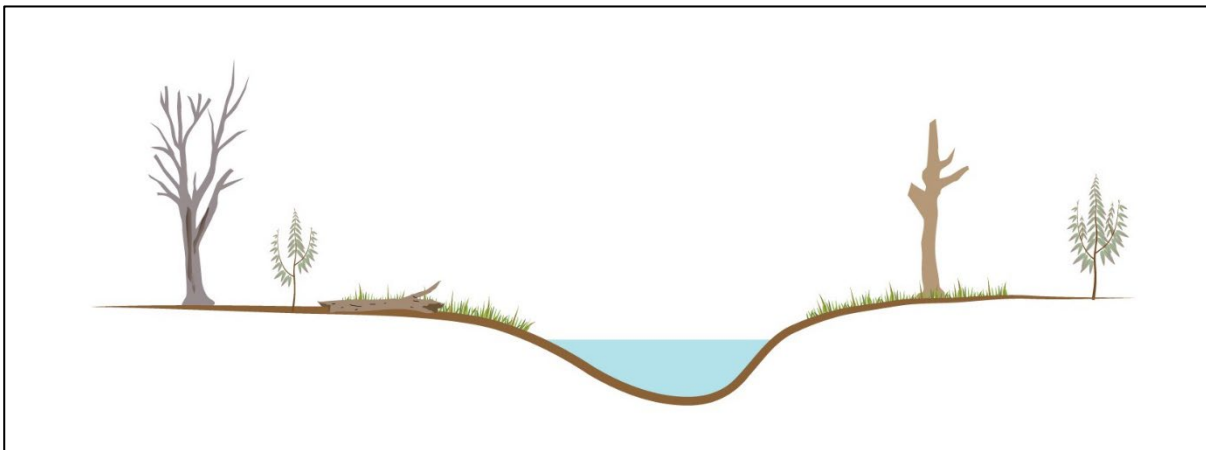
- i. Look upstream and downstream of your sampling site up to 100m.
- ii. Consider both native and exotic species (weeds are assessed in the following category)



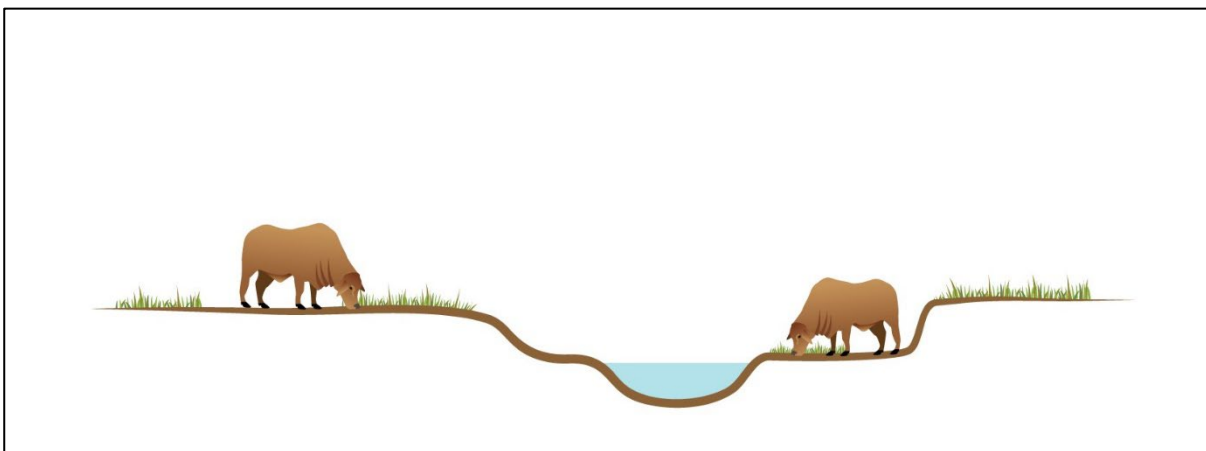
Good	Mark
Native vegetation along entire stretch Distinct tree, shrub, and grass layers of native vegetation Area protected from human use, e.g. fences and no pollution present	



<p>Moderate/Average Vegetation patchy Distinct vegetation layers not visible Many weeds Some bank erosion Some human use of area evident e.g. drains or stock access</p>	<p>Mark</p>
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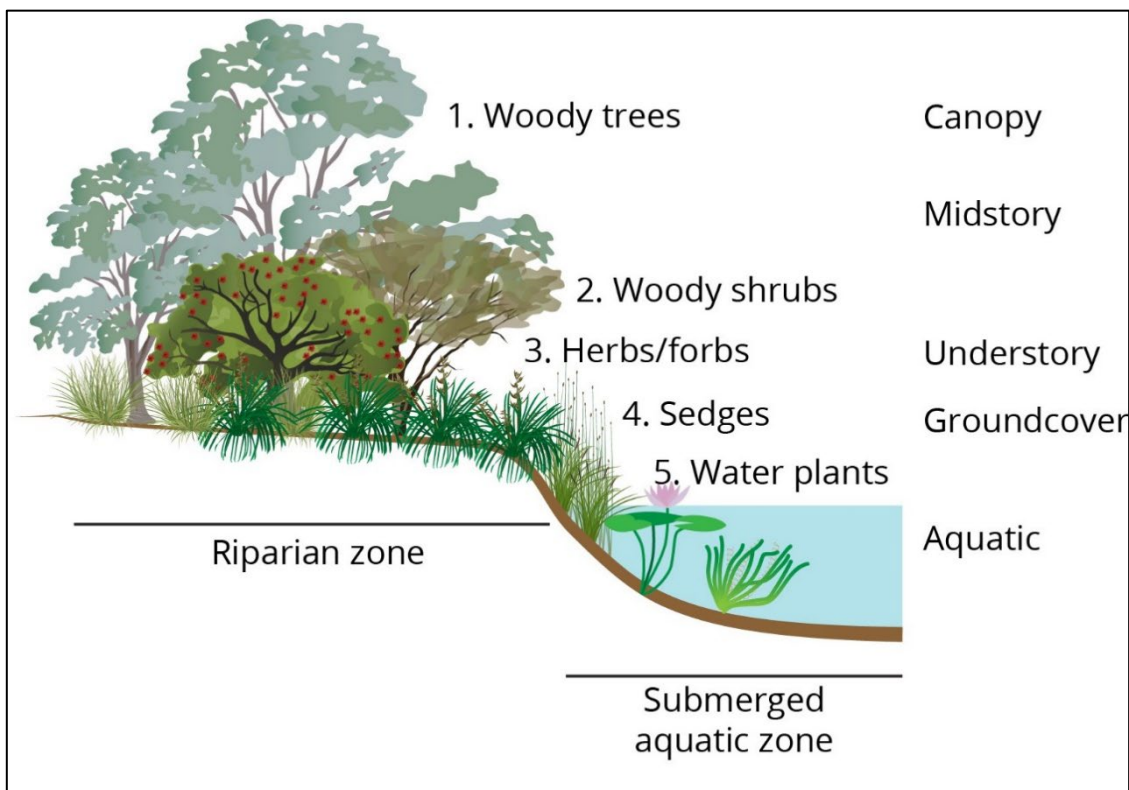
<p>Poor Little native vegetation Exotic trees present Some trees have dead limbs or look unhealthy Weeds Human use obvious e.g. drains, vegetation removal, stock access</p>	<p>Mark</p>
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<p>Very Poor Erosion across a wide area Little vegetation or none Bank erosion evident Many changes caused by human use</p>	<p>Mark</p>
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Riparian vegetation cover

Riparian zone vegetation is made up of multiple layers, changing in height and vegetation type from the canopy down to the water. The canopy is the leaves and branches of tall woody trees, under the canopy is the midstory, which is smaller woody trees and large shrubs, followed by the understory made up of shrubs, large herbs, large soft stemmed plants, and finally groundcover which will be grasses, sedges, and herbs.

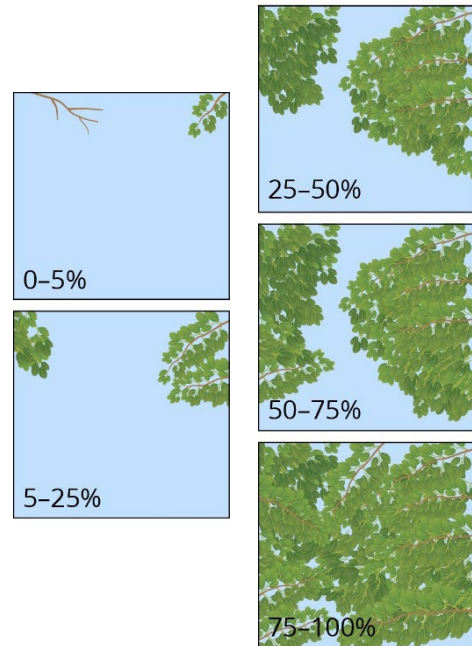


See below some guides to help you assess vegetation coverage in each story of the riparian zone.

- i. Look upstream and downstream of your sampling site up to 100m.
- ii. Consider both native and exotic species (weeds are assessed in the following category)

Canopy cover (>5m tall):

Score	Value	Mark
0	None	
1	<5%	
2	5% – 25%	
3	25-50%	
4	50-75%	
5	75-100%	



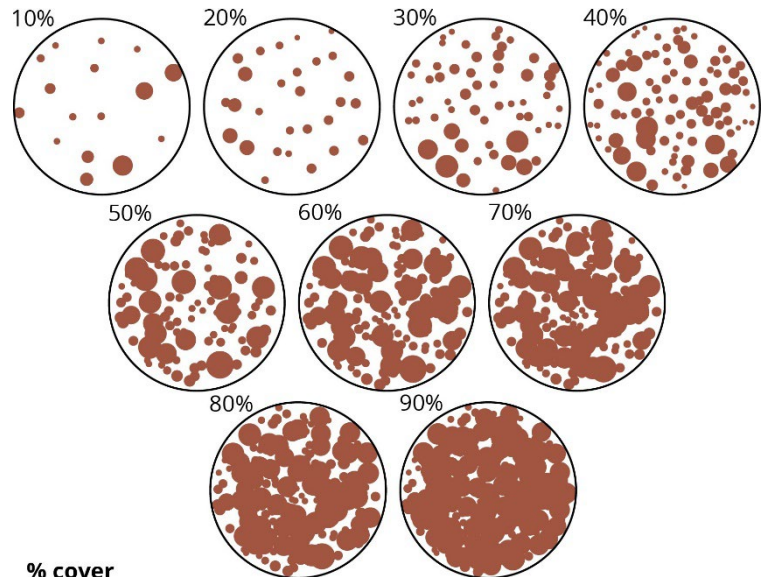
Reference image for measuring Canopy cover

Midstory cover (1.5-5m tall):

Score	Value	Mark
0	None	
1	<5%	
3	5- 30%	
5	>30%	

Understory cover (<1.5m tall):

Score	Value	Mark
0	None	
1	<5%	
3	5- 30%	
5	>30%	



% cover

Reference image for measuring vegetation coverage in Mid, Under and Ground stories

Groundcover:

Score	Value	Mark
0	None	
1	<30%	
3	30% – 60%	
5	>60%	

Weed coverage & distribution

Priority Riparian Weeds

Use these reference photos to help you identify priority riparian weeds. The **Weed Scan App** is an easy tool for plant identification, give it a go to identify as many weeds as you can at your site.

Lantana



Score	Value	Mark
	None	
	Scattered	
	Abundant	

Singapore daisy (*Sphagneticola trilobata*)



Score	Value	Mark
	None	
	Scattered	
	Abundant	

Prickly acacia (*Vachellia nilotica*)



Score	Value	Mark
	None	
	Scattered	
	Abundant	

Rubber vine (*Cryptostegia grandiflora*)



Score	Value	Mark
	None	
	Scattered	
	Abundant	

Cat's claw creeper (*Dolichandra unguis-cati*)



Score	Value	Mark
	None	
	Scattered	
	Abundant	

Parkinsonia (*Parkinsonia aculeata*)



Score	Value	Mark
	None	
	Scattered	
	Abundant	

Leucaena (*Leucaena leucocephala*)



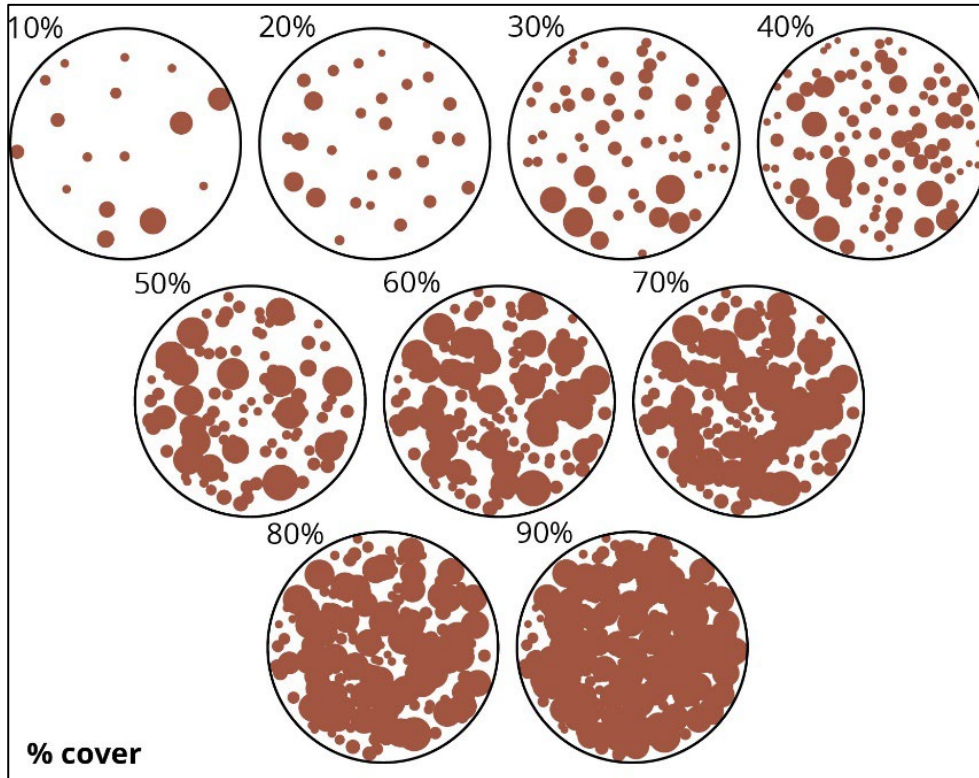
Score	Value	Mark
	None	
	Scattered	
	Abundant	

Other, please specify:

Name	None / Scattered / Abundant

Weed coverage

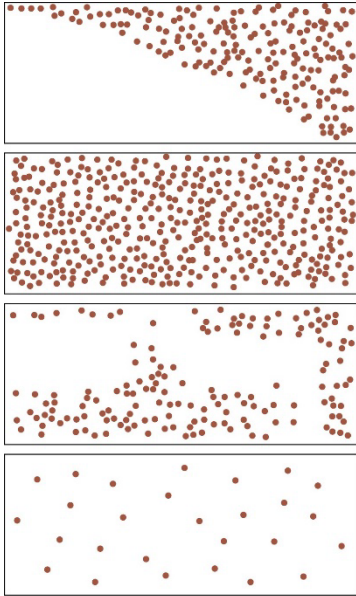
Weed infestation, consider all weeds in riparian zone:



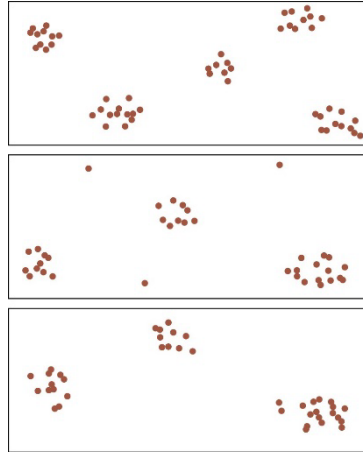
Score	Value	Mark
0	None	
1	<30% vegetation are weeds	
2	30-60% vegetation are weeds	
3	>60% vegetation are weeds	

Weed distribution

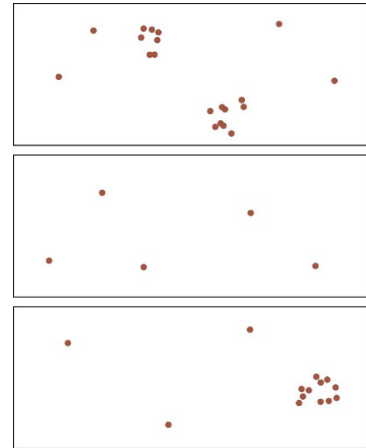
Consider distribution of all weeds in the riparian zone:



Continuous distribution



Patchy distribution



Scattered distribution

Score	Value	Mark
0	None	
1	Scattered	
2	Patchy	
3	Continuous	

Woody Debris

Standing dead trees

Score	Value	Mark
0	Absent	
2	Present	

Hollow bearing trees

Score	Value	Mark
0	Absent	
2	Present	

Fallen logs

Score	Value	Mark
0	Absent	
2	Scattered	
4	Abundant	

Evidence of degradation from human or introduced animal use:

- Litter
- In-stream pollution (such as oil slicks)
- Drains, crossings, bridges etc. within 100m
- Vegetation clearing
- Damage to banks and vegetation by feral or introduced animals (e.g. cattle, pigs, horses)

Observation of native aquatic and riparian species (by sight or sound):

- Birds
- Waterbirds
- Fish
- Amphibians
- Mammals
- Reptiles

Confidence in assessment

Score	Value	Mark
A	I used expert knowledge and skills in this assessment, completed assessment based on accepted methods and using accepted equipment.	
B	High confidence in these results – I am an experienced Waterwatch sampler or have other related experience, completed assessment using correct equipment and accepted methods	
C	Moderate confidence in these results – Completed assessment using correct equipment and methods	
D	Low confidence in these results – Incomplete assessment or potentially inaccurate results	
E	Unknown confidence in these results – These results should be double checked	

Observations:

Add your observations such as the flow/water level in the waterway, the weather, any notes you have about the data you've recorded or pictures you've uploaded, as well other observations such as siting aquatic wildlife.