EnviroKey

BAM Site – Field Survey Form

Site Sheet no:

Survey Name	Plot Identifier	Recorders
OLYMP.	BAM 9	SS/LS

Date		Zone	Datum	Easting	Northing
16/7/21					

IBRA region		Photo #		Zone ID	

Dimensions		Orientation of midline from the 0m point	

Vegetation Class		Confidence: H M L

Plant Community Type	PCT 5 · RRG	EEC:	Confidence: H M L

Record easting and northing from the plot marker. If applicable, orient picket so that perforated rib points along direction of midline. Dimensions (Shape) of 0.04 ha base plot inside 0.1 ha FA plot should be identified, magnetic bearing taken along midline.

BAM Attribute (400 m² plot)		Sum values
Count of **Native Richness**	Trees	
	Shrubs	
	Grasses etc.	
	Forbs	
	Ferns	
	Other	
Sum of **Cover** of native vascular plants by growth from group	Trees	
	Shrubs	
	Grasses etc.	
	Forbs	
	Ferns	
	Other	
High Threat Weed cover		

BAM Attribute (20 x 50 m plot)		# Tree Stems Count		
dbh	Euc*	Non Euc	Hollows†	Record number of living eucalypt* (Euc*) and living native non-eucalypt (Non Euc) stems separately
Large trees for Euc* & Non Euc — **80 + cm**	1			*includes all species of *Eucalyptus, Corymbia, Angophora, Lophostemon* and *Syncarpia*
50 – 79 cm	2			
30 – 49 cm	–			†Record total number of stems by size class with hollows (including dead stems/trees)
20 – 29 cm	3			
10 – 19 cm	12			
5 – 9 cm	–		n/a	
< 5 cm	–		n/a	
Length of logs (m) (≥10cm diameter, >50cm in length)				total 17

Counts must apply to each size class when the number of living tree stems within the size class is ≤ 10. Estimates can be used when the number of living tree stems within a class is > 10. Estimates should draw from the number series: 10, 20, 30…, 100, 200, 300

For a multi stemmed tree, only the largest living stem is included in the count/estimate. For hollows count only the presence of a stem containing hollows, not count the hollows in that stem. Only count as 1 stem per tree when the tree is multi-stemmed. The hollow-bearing stem may be a dead stem.

BAM Attribute (1 x 1 m plots)	Litter cover (%)	Bare ground cover (%)	Cryptogam cover (%)	Rock cover (%)
Subplot score (% in each)				
Average of the 5 subplots				

Litter cover is assessed as the average percentage ground cover of litter recorded from five 1 m x 1 m plots located on alternate sides and 5 m from the plot midline at the locations 5, 15, 25, 35, and 45m along the midline. Litter cover includes leaves, seeds, twigs, branchlets and branches (less than 10cm in diameter). Within these 1 m x 1 m plots assessors may also record the cover of rock, bare ground and cryptogam soil crusts. Collection of these data is optional – the data do not currently contribute to assessment scores, they hold potential value for future vegetation integrity assessment attributes and benchmarks, and for enhancing PCT description.

Physiography + safe features that may help in determining PCT and Management Zone (optional)

Morphological Type		Landform Element		Landform Patter		Height of tallest veg	
Lithology		Soil Surface Texture		Soil Colour		Height of shrub layer	
Slope		Aspect		Site Drainage		Height of ground layer	

Plot Disturbance	Severity Code	Age Code	Observational evidence
Clearing (inc. logging)			
Cultivation (inc. pasture)			
Soil erosion			
Firewood/CWD removal			
Grazing (identify native/stock)			
Fire damage			
Storm damage			
Weediness			NEXT TO ROADSIDE REST AREA
Other			

Severity: 0=no evidence, 1=light, 2=moderate, 3=severe

Age: R=recent (<3yrs), NR=not recent (3-10yrs), O=old (>10yrs)

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400 m² plot: Sheet of	Survey Name	Plot Identifier	Recorders
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GF Code	Top 3 native species in each growth form group: Full species name mandatory All other native and exotic species. Full species name where practicable	N, E or HTE	Cover	Abund	stratum	voucher
	RIVER RED GUM.		25.	9.	U	
	PEPPERMINT TREE.		5.	1	U	
	LEPIDIUM AFRICANA.		0.1.	5	G	
	COMMON WHEAT GRASS		5.	50	G	
	POA ANNUA.		10.	1000	G.	
	PASPALUM.		1.	50	G	
	BARLEY GRASS		5	1000	G	
	SMALL CORRUGATED SIDA		0.1.	10	G.	
	FLATPEA.		2.	20	G.	
	NATIVE GRASS TUSSOCK		10.	1000	G	
	BINDI.		1	100	G	
	ARRUEY		0.1	10	G.	
	GREAT BROME		5	1000	G	
	ONION GRASS		0.1	1000	G	
	WHITE CLOVER		0.1	500	G.	
	PANICUM EFFUSUM		1	1000	G	

GF Code: see Growth Form definitions in Appendix 1 **N:** native, **E:** exotic, **HTE:** high threat exotic **GF – circle code** if 'top 3'.
Cover: 0.1, 0.2, 0.3, ..., 1, 2, 3, ..., 10, 15, 20, 25, ...100% (foliage cover); ***Note:*** *0.1% cover represents an area of approximately 63 x 63 cm or a circle about 71 cm across, 0.5% cover represents an area of approximately 1.4 x 1.4 m, and 1% = 2.0 x 2.0 m, 5% = 4 x 5 m, 25% = 10 x 10 m*
Abundance: 1, 2, 3, ..., 10, 20, 30, ... 100, 200, ..., 1000, ...