Appendix C Plot Field Data

BAM Site – Field Survey Form

Site Sheet no:

		Survey Name	Zone ID	Recorders			
Date	22 10 18	Flyers Ck	277_N	L Hamilton + N Smith			
Zone: 55 H	Datum: H	Plot ID	Plot 1	Plot dimensions	20x50	Photo #	
Easting: 696924	Northing: 6293486	IBRA region	SE Highlands - Orange	Midline bearing from 0 m	105°E		
Vegetation Class		Grassy Woodland				Confidence: H M L	
Plant Community Type		277 – native understorey		EEC:		Confidence: H M L	

Record easting and northing at 0 m on midline. Dimensions (Shape) of 0.04 ha base plot.

BAM Attribute (400 m² plot)		Sum values
Count of Native Richness	Trees	—
	Shrubs	—
	Grasses etc.	4 3 8
	Forbs	3
	Ferns	—
	Other	—
Sum of Cover of native vascular plants by growth form group	Trees	—
	Shrubs	—
	Grasses etc.	40.4
	Forbs	7
	Ferns	0
	Other	0
High Threat Weed cover		0

BAM Attribute (1000 m² plot)		
DBH	# Tree Stems Count	# Stems with Hollows
80 + cm	—	—
50 – 79 cm	—	—
30 – 49 cm	—	—
20 – 29 cm	—	—
10 – 19 cm	—	—
5 – 9 cm	—	—
< 5 cm	—	n/a
Length of logs (m) (≥10 cm diameter, >50 cm in length)	4.0	

Counts apply when the **number of tree stems** within a size class is ≤ 10. Estimates can be used when > 10 (eg. 10, 20, 30 ... 100, 200, 300 ...). For a **multi-stemmed tree**, only the largest living stem is included in the count/estimate. **Tree stems must be living.**

For **hollows**, count only the presence of a stem containing hollows. For a **multi-stemmed tree**, only the largest stem is included in the count/estimate. **Stems may be dead and may be shrubs.**

BAM Attribute (1 x 1 m plots)	Litter cover (%)					Bare ground cover (%)					Cryptogam cover (%)					Rock cover (%)				
Subplot score (% in each)	2	2	1	5	10	20	15	5	5	0	0	0	0	0	0	15	10	20	20	15
Average of the 5 subplots	4					9					0					16				

Litter cover is assessed as the average percentage ground cover of litter recorded from five 1 m x 1 m plots centred at 5, 15, 25, 35, 45 m along the plot midline. Litter cover includes leaves, seeds, twigs, branchlets and branches (less than 10 cm in diameter). Assessors may also record the cover of rock, bare ground and cryptogams.

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

Morphological Type		Landform Element	hill top	Landform Pattern		Microrelief	
Lithology	Granite outcrop	Soil Surface Texture	loam	Soil Colour	Brown	Soil Depth	
Slope		Aspect	East	Site Drainage	west	Distance to nearest water and type	150 m

Plot Disturbance	Severity code	Age code	Observational evidence:
Clearing (inc. logging)	3	O	Stumps, fallen logs
Cultivation (inc. pasture)	0	–	
Soil erosion	2	R	Grazing, animal tracks
Firewood / CWD removal	–	–	
Grazing (identify native/stock)	3	R	Cows + Sheeps in paddock
Fire damage	–	–	
Storm damage	–	–	
Weediness	2	R	capeweed, Saffron Thistle, Barley grass
Other			

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

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

277 - native understory.

400 m² plot: Sheet _ of _	Survey Name	Plot Identifier	Recorders
Date: 22 10 18	Flyers Creek	Plot 1	L Hamilton N Smith

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
G	Austrostipa scabra	N	40	1000		
	Cape weed	E				
	Erodium - not native	E				
	clover - white flowers subterranium	E				
	Fescue Vulpia	E				
G	Rhytidosperma - small	N	.1	10		
	barley grass - hordeum sp.	E	20	1000		
	Spikey rosette - saffron thistle	E	5			
	flat weed hypochoeris radicata	E	5			
F	carrot lookalikee - asteraceae Cotula australis	N	.1			
	Bromus sp - small leaves dead	E				
G	Rhytidosperma - small fluffy.	N	.1	5		
	Lolium sp Rye grass	E	1			
GG	Lomandra sp - multiflora	N	.1			
F	native Geranium solanderi	N	0.5	30		
	gallium lookalikee - purple flowers	E	.5			
	sheep sorrel Rumex acetosella	E	.1	100		
F	Oxalis perrenans.	N	.1	50		
	purple skinny flowed petrohagia dubia	E	.1	4		
	clover yellow flowers Trifolium sp	E				

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, ...

BAM Site – Field Survey Form

Site Sheet no:

		Survey Name	Zone ID	Recorders			
Date	22 10 18	Flyers Ck.	Exotic	L Hamilton + N. Smith			
Zone: 55	Datum: H	Plot ID	2	Plot dimensions	20x50	Photo #	
Easting: 696484	Northing: 6283958	IBRA region	SE Highlands Orange.	Midline bearing from 0 m	27°		
Vegetation Class						Confidence: H M L	
Plant Community Type	Exotic			EEC:		Confidence: H M L	

Record easting and northing at 0 m on midline. Dimensions (Shape) of 0.04 ha base plot.

BAM Attribute (400 m² plot)		Sum values
Count of Native Richness	Trees	—
	Shrubs	—
	Grasses etc.	3
	Forbs	1
	Ferns	—
	Other	—
Sum of Cover of native vascular plants by growth form group	Trees	—
	Shrubs	—
	Grasses etc.	.3
	Forbs	.1
	Ferns	—
	Other	—
High Threat Weed cover		20

BAM Attribute (1000 m² plot)		
DBH	# Tree Stems Count	# Stems with Hollows
80 + cm	—	—
50 – 79 cm	—	—
30 – 49 cm	—	—
20 – 29 cm	—	—
10 – 19 cm	—	
5 – 9 cm	—	
< 5 cm	—	n/a
Length of logs (m) (≥10 cm diameter, >50 cm in length)	—	

Counts apply when the **number of tree stems** within a size class is ≤ 10. Estimates can be used when > 10 (eg. 10, 20, 30 ... 100, 200, 300 ...). For a **multi-stemmed tree**, only the largest living stem is included in the count/estimate. **Tree stems must be living.**

For **hollows**, count only the presence of a stem containing hollows. For a **multi-stemmed tree**, only the largest stem is included in the count/estimate. **Stems may be dead and may be shrubs.**

BAM Attribute (1 x 1 m plots)	Litter cover (%)	Bare ground cover (%)	Cryptogam cover (%)	Rock cover (%)
Subplot score (% in each)	0, 0.1, 0, 0, 0	1, 5, 0.2, 3, 0	0, 0, 0, 0, 0	0, 30, 0, 5, 5
Average of the 5 subplots	0.02	1.84	0	7

Litter cover is assessed as the average percentage ground cover of litter recorded from five 1 m x 1 m plots centred at 5, 15, 25, 35, 45 m along the plot midline. Litter cover includes leaves, seeds, twigs, branchlets and branches (less than 10 cm in diameter). Assessors may also record the cover of rock, bare ground and cryptogams.

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

Morphological Type		Landform Element	Hill top	Landform Pattern		Microrelief	
Lithology	Granite	Soil Surface Texture	loam	Soil Colour	brown	Soil Depth	
Slope		Aspect	North	Site Drainage	W + E	Distance to nearest water and type	Farm dam

Plot Disturbance	Severity code	Age code	Observational evidence:
Clearing (inc. logging)	3	O	Remaining paddock trees, stumps.
Cultivation (inc. pasture)	0		
Soil erosion	1	R	stock
Firewood / CWD removal	—	—	
Grazing (identify native/stock)	2	R	Sheep / cows + scats
Fire damage	—	—	
Storm damage	—	—	
Weediness	3	R	exotic
Other			

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

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

Exotic

400 m² plot: Sheet _ of _	Survey Name	Plot Identifier	Recorders
Date: 22 10 18	Flyers Creek	Plot 2	L Hamilton N Smith

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
	Saffron thistle Carthamus lanatus	HTE	~~20~~			
	barley grass, Hordeum sp	E	20			
	Cape weed ~~Hordeum sp~~ Arctotheca	E	2			
	flat weed Hypochaeris radicata	E	5			
	Scarlet pimpernell	E	.1			
	Rye grass Lolum sp	E	1			
	Soft brome - small Bromus hordeaceus	E	~~1~~0			
	subterraneum clover	E	30	5000		
	~~Eragrostis minor~~ Poa bulbosa	E	1			
F	clocke sp. ~~exotic~~ native Ruwya brownii	N	.1	5		
G	Juncus sp	N	.1	1		
	Erodium - exotic	E	.1			
G	Austrostipa scabra	N	.1	5		
G	Rhytidosperma sp. small	N	.1	20		

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, ...

small patch native grass near rocks

BAM Site – Field Survey Form

Site Sheet no:

		Survey Name	Zone ID	Recorders			
Date	22 10 18	Myers Ck	1330_Native	L Hamilton & N Smith			
Zone	Datum	Plot ID	3	Plot dimensions	2 x 50	Photo #	
55	H						
Easting	Northing	IBRA region	SE Highlands Orange	Midline bearing from 0 m	192°		
696842	6293087						
Vegetation Class						Confidence: H M L	
Plant Community Type		1330. native woodland.		EEC:		Confidence: H M L	

Record easting and northing at 0 m on midline. Dimensions (Shape) of 0.04 ha base plot.

BAM Attribute (400 m² plot)		Sum values
Count of Native Richness	Trees	2
	Shrubs	1
	Grasses etc.	7
	Forbs	11
	Ferns	0
	Other	1
Sum of Cover of native vascular plants by growth form group	Trees	20
	Shrubs	.1
	Grasses etc.	60.4
	Forbs	1.9
	Ferns	0
	Other	.1
High Threat Weed cover		.5

BAM Attribute (1000 m² plot)		
DBH	# Tree Stems Count	# Stems with Hollows
80 + cm	–	–
50 – 79 cm	1 (1)	–
30 – 49 cm	–	–
20 – 29 cm	–	–
10 – 19 cm	–	–
5 – 9 cm	–	–
< 5 cm	++++ 1 (6)	n/a
Length of logs (m) (≥10 cm diameter, >50 cm in length)	0.6, 2.2, 2 0, 5.0, 7.0, 4.0, 4.5, 6 0, 4.0, 3.0, 3 0, 5.0, 4.0, 3.0, 4.0, 5.0, 3.0	= 65.3

Counts apply when the **number of tree stems** within a size class is ≤ 10. Estimates can be used when > 10 (eg. 10, 20, 30 ... 100, 200, 300 ...). For a **multi-stemmed tree**, only the largest living stem is included in the count/estimate. **Tree stems must be living.**

For **hollows**, count only the presence of a stem containing hollows. For a **multi-stemmed tree**, only the largest stem is included in the count/estimate. **Stems may be dead and may be shrubs.**

BAM Attribute (1 x 1 m plots)	Litter cover (%)	Bare ground cover (%)	Cryptogam cover (%)	Rock cover (%)
Subplot score (% in each)	5, 25, 2, 15, 1	30, 25, 0, 0, 10	10, 10, 2, 0, 0	0, 0, 0, 0, 0
Average of the 5 subplots	9.6	13	4.4	0

Litter cover is assessed as the average percentage ground cover of litter recorded from five 1 m x 1 m plots centred at 5, 15, 25, 35, 45 m along the plot midline. Litter cover includes leaves, seeds, twigs, branchlets and branches (less than 10 cm in diameter). Assessors may also record the cover of rock, bare ground and cryptogams.

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

Morphological Type		Landform Element	Gully	Landform Pattern		Microrelief	
Lithology		Soil Surface Texture	loam	Soil Colour	Brown	Soil Depth	
Slope		Aspect	SW	Site Drainage	South	Distance to nearest water and type	beside creek

Plot Disturbance	Severity code	Age code	Observational evidence:
Clearing (inc. logging)	2	O	Fallen trees, cleared area, adjacent woodland
Cultivation (inc. pasture)	0		
Soil erosion	2	R	gullying
Firewood / CWD removal			
Grazing (identify native/stock)	2	R	Cow/sheep scats
Fire damage			
Storm damage			
Weediness			
Other			

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

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

1340 – native understory

400 m² plot: Sheet _ of _	Survey Name	Plot Identifier	Recorders
Date 22 10 18	Flyers creek	Plot # 3	L Hamilton N Smith

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
T	Eucalyptus gonocalyx	N	15	1		
T	Eucalyptus melliadora	N	5	1		
	sheep's sorrell Acetosella vulgaris	E	1			
G	Exotic perennial grass - unidentified	N	.1	1		
	Flat weed Hypochaeris radicata	E	0.5	200		
	~~Rhytidosperma small~~					
F	native geranium Geranium sp	N	.1	30		
G	Lomandra multiflora	N	.1	20		
	Variegated thistle - Silybum marianum	E	.1	20		
F	Oxalis perrenans	N	.5	100		
F	Star wort Woodruff Asperula conferta	N	.1	10		
	Skinny purple flower Petrohagia dubia	E	.1	50		
	~~Carex pendula~~					
	onion grass - purple flower Romulea rosea	HTE	.5	1000		
	subterranean clover	E	.5	100		
	scarlet pimpernell look alike Centaurium pulchellum	E	.1	10		
F	Tamine look alike Desmodium varians	N	.1	1		
G	~~possible~~ Juncus sp.	N	.1	1		
F	yellow flower small ball. Cotula australis	N	.1	100		
F	native green rosette - ~~gaudenia~~? Solanogyne dominii	N	.5	50		
F	small st Johns wort Hypericum gramineum	N	.1	2		
F	bulbine lily sp - Bulbine bulbosa	N	.1	40		
G	Rhytidosperma - small	N	1	100		
F	Wurmbea dioeca	N	.1	20		
F	Drosera - auriculata	N	.1	30		
F	Goodinia sp	N	.1	1		
	Yorkshire fog grass Holcus lanatus	E	.1	20		
	Soft brome Bromus hordeaceus	E	.1	20		
R G	hairy wood-rush sedge - Luzula densiflora	N	.1	10		
S	Guinea flower - Hibbertia obtusifolia sp	N	.1	1		
G	Couch Microlaena stipoides	N	60	5000		grazed
	Barley grass Hordeum sp	E	0.5			
G D	native sedge - like Lomandra filiformis	N	5			
F	dock ~~exotic~~ Rumex brownii	N	.1	3		
	Rye grass Lolium sp	E	5	1000		

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, ...

1330_ exotic

w peppermint & Blakelys

BAM Site – Field Survey Form

Site Sheet no:

		Survey Name	Zone ID	Recorders			
Date	22 10 18	Fiveys Clr	RS_exotic	L. Hamilton + N Smith			
Zone	Datum	Plot ID	4	Plot dimensions	20x50	Photo #	
55	H						
Easting	Northing	IBRA region	SE Highlands Orange	Midline bearing from 0 m	179°		
694623	6283663						
Vegetation Class						Confidence: H M L	
Plant Community Type	RS / Peppermint			EEC:		Confidence: H M L	

Record easting and northing at 0 m on midline. Dimensions (Shape) of 0.04 ha base plot.

BAM Attribute (400 m² plot)		Sum values
Count of Native Richness	Trees	2
	Shrubs	0
	Grasses etc.	5
	Forbs	10
	Ferns	0
	Other	0
Sum of Cover of native vascular plants by growth form group	Trees	42
	Shrubs	0
	Grasses etc.	3.7
	Forbs	1
	Ferns	0
	Other	0
High Threat Weed cover		0.1

BAM Attribute (1000 m² plot)		
DBH	# Tree Stems Count	# Stems with Hollows
80 + cm	1 (1)	–
50 – 79 cm	////// (7)	–
30 – 49 cm	/// (5)	–
20 – 29 cm	/// (3)	–
10 – 19 cm	// (2)	–
5 – 9 cm	–	–
< 5 cm	–	n/a
Length of logs (m) (≥10 cm diameter, >50 cm in length)	4.0, 1.5, 7.0, 1.2, 4.0, = (17.7)	

Counts apply when the **number of tree stems** within a size class is ≤ 10. Estimates can be used when > 10 (eg. 10, 20, 30 ... 100, 200, 300 ...). For a **multi-stemmed tree**, only the largest living stem is included in the count/estimate. **Tree stems must be living.**

For **hollows**, count only the presence of a stem containing hollows. For a **multi-stemmed tree**, only the largest stem is included in the count/estimate. **Stems may be dead and may be shrubs.**

BAM Attribute (1 x 1 m plots)	Litter cover (%)					Bare ground cover (%)					Cryptogam cover (%)					Rock cover (%)				
Subplot score (% in each)	80	75	60	70	40	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Average of the 5 subplots	65					0					0					0				

Litter cover is assessed as the average percentage ground cover of litter recorded from five 1 m x 1 m plots centred at 5, 15, 25, 35, 45 m along the plot midline. Litter cover includes leaves, seeds, twigs, branchlets and branches (less than 10 cm in diameter). Assessors may also record the cover of rock, bare ground and cryptogams.

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

Morphological Type		Landform Element	hillslope	Landform Pattern		Microrelief	
Lithology		Soil Surface Texture	loam	Soil Colour	Black	Soil Depth	
Slope	flat	Aspect	SWest	Site Drainage	west	Distance to nearest water and type	

Plot Disturbance	Severity code	Age code	Observational evidence:
Clearing (inc. logging)	1	O	~~cut~~ stumps
Cultivation (inc. pasture)	0		
Soil erosion	0		
Firewood / CWD removal			
Grazing (identify native/stock)	1	R	Cow scat.
Fire damage			
Storm damage			
Weediness			
Other			

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

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

Red stringy pepperm 1330_ exotic

400 m² plot: Sheet _ of _	Survey Name	Plot Identifier	Recorders
Date: 22 10 18	Flyers Creek	Plot 4	N Smith L Hamilton

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
T	Red Stringy bark Eucalyptus macrorhyn	N	40	11		
T	Broadleaved peppermint Eucalyptus Dives	N	2	3		
G G	lomandra_small sedge? filiformis	N	2	500		
G	Rhytidosperma 1	N	0.5	100		
F	native geranium Geranium_sp	N	.1	10		
F	green rosette_ Solenogyne dominii	N	.1			
	Briza minor	E	.1	30		
F	small yellow flowers ~~Helipterum anthe~~ unidentified	N	.1	2		
G	juncus sp	N	.1	1		
	Scarlet pimpernell - pink flower - Centnay	E	.1	1		
F	Small st Johns wort - H. gramineum	N	.1	20		
F	Conocarpus_ a elatus	N	.1	20		
	pink skinny flower Petrorhagia dubia	E	.1	100		
	Rye grass Lolium sp.	E	2	2000		
F	minature daisey - Helipterum australe	N	.1	5		
G	Rhytidosperma 2.	N	.1			
	galium woodruff_ Sherardia avensis	E	.1	20		
	~~Microtoena sp~~					
	Oregano lookalike Arenaria sp.	E	.1	15		
F	Oxalis perennans	N	.1	20		
	blackberry Rubus	HTE	.1	1		
F	kidney weed Dichondra repens	N	.1	2		
F	small fernlike forb_ unidentified	N	.1	2		
G	Poa sp. Poa labillardieresi	N	1	20		
	barley grass - wide leaf Hordeum sp	E	.1	20		
	Soft brome Bromus hordeaceus	E	.1	10		
D	Vulpia sp	E	1			
	Barley grass 2. short Hordeum sp	E	10	1000		
F	glaucous rosette_ unidentified	N	.1	2		

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, ...

Exotic

BAM Site – Field Survey Form

Site Sheet no:

		Survey Name	Zone ID	Recorders
Date: 22 10 18		Flyers Creek	~~277~~ Exotic	L Hamilton N Smith
Zone: 55	Datum: H	Plot ID: 5		Plot dimensions: 20x50 Photo #:
Easting: 695223	Northing: 6282994	IBRA region: SE Highlands Orange		Midline bearing from 0 m: 72°
Vegetation Class				Confidence: H M L
Plant Community Type	~~Exotic 277~~ (exotic) 277-exotic		EEC:	Confidence: H M L

Record easting and northing at 0 m on midline. Dimensions (Shape) of 0.04 ha base plot.

BAM Attribute (400 m² plot)		Sum values
Count of Native Richness	Trees	—
	Shrubs	—
	Grasses etc.	2
	Forbs	2
	Ferns	—
	Other	—
Sum of Cover of native vascular plants by growth form group	Trees	—
	Shrubs	—
	Grasses etc.	5.5
	Forbs	.2
	Ferns	—
	Other	—
High Threat Weed cover		.2

BAM Attribute (1000 m² plot)		
DBH	# Tree Stems Count	# Stems with Hollows
80 + cm	—	—
50 – 79 cm	—	—
30 – 49 cm	—	—
20 – 29 cm	—	—
10 – 19 cm	—	—
5 – 9 cm	—	—
< 5 cm	—	n/a
Length of logs (m) (≥10 cm diameter, >50 cm in length)	—	

Counts apply when the **number of tree stems** within a size class is ≤ 10. Estimates can be used when > 10 (eg. 10, 20, 30 ... 100, 200, 300 ...). For a **multi-stemmed tree**, only the largest living stem is included in the count/estimate. **Tree stems must be living.**

For **hollows**, count only the presence of a stem containing hollows. For a **multi-stemmed tree**, only the largest stem is included in the count/estimate. **Stems may be dead and may be shrubs.**

BAM Attribute (1 x 1 m plots)	Litter cover (%)	Bare ground cover (%)	Cryptogam cover (%)	Rock cover (%)
Subplot score (% in each)	0.1 | 0.1 | 0.1 | 1 | 5	1 | 20 | 10 | 2 | 50	0 | 0 | 0 | 0 | 0	0 | 10 | 0 | 5 | 10
Average of the 5 subplots	1.26	16.6	0	25

Litter cover is assessed as the average percentage ground cover of litter recorded from five 1 m x 1 m plots centred at 5, 15, 25, 35, 45 m along the plot midline. Litter cover includes leaves, seeds, twigs, branchlets and branches (less than 10 cm in diameter). Assessors may also record the cover of rock, bare ground and cryptogams.

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

Morphological Type		Landform Element	hill top	Landform Pattern		Microrelief	
Lithology	granite	Soil Surface Texture	loam	Soil Colour	brown	Soil Depth	
Slope		Aspect	east	Site Drainage	east	Distance to nearest water and type	

Plot Disturbance	Severity code	Age code	Observational evidence:
Clearing (inc. logging)	3	O	Stumps
Cultivation (inc. pasture)	0		
Soil erosion	0		
Firewood / CWD removal			
Grazing (identify native/stock)	2	R	Cow scat
Fire damage			
Storm damage			
Weediness			
Other			

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

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

~~2 of 4~~ — Exotic ~~understo~~ understo

400 m² plot: Sheet _ of _		Survey Name	Plot Identifier	Recorders
Date		Flyer	Plot 5	N Smith L Hamilton

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
	Subterranean clover Trifolium subterraneum	E	80	5000		
	Saffron thistle Carthamus lanatus	HTE	.1	50		
	Flat weed Hypochaeris radicata.	E	.5	20		
	Soft brome Bromus hordeaceus	E	10			
	Serrated tussock Nassella sp.	HTE	.1	5		
F	Native dock Rumex brownii	N	~~.5~~ .1	50		
GG ~~R~~	Juncus sp.	N	.5	20		
	~~Eragrostis sp.~~ Poa bulbosa	E	.1			
G	Rhytidosperma small fluffy	N	5			
	Barley grass Hordeum sp.	E	5			
	Carrot weed Aphanes arvensis	E	.1			
F	unidentified forb	N	.1			
	~~yellow box Eucalyptus melliodora~~					

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, ...

yellow box - just out of plot

BAM Site – Field Survey Form

Site Sheet no:

Survey Name	Zone ID	Recorders
Myers Ck	Exotic	L Hamilton + N Smith

Date	23 10 18	Plot ID	6	Plot dimensions	20x50	Photo #	
Zone 55	Datum H						
Easting 694615	Northing 6284354	IBRA region	SE Highlands Orange	Midline bearing from 0 m	210°		

Vegetation Class		Confidence: H M L
Plant Community Type	Exotic	EEC: Confidence: H M L

Record easting and northing at 0 m on midline. Dimensions (Shape) of 0.04 ha base plot.

BAM Attribute (400 m² plot)		Sum values
Count of Native Richness	Trees	–
	Shrubs	–
	Grasses etc.	3
	Forbs	3
	Ferns	–
	Other	–
Sum of Cover of native vascular plants by growth form group	Trees	–
	Shrubs	–
	Grasses etc.	.3
	Forbs	.3
	Ferns	–
	Other	–
High Threat Weed cover		0

BAM Attribute (1000 m² plot)		
DBH	# Tree Stems Count	# Stems with Hollows
80 + cm	–	–
50 – 79 cm	–	–
30 – 49 cm	–	–
20 – 29 cm	–	–
10 – 19 cm	–	–
5 – 9 cm	–	–
< 5 cm	–	n/a
Length of logs (m) (≥10 cm diameter, >50 cm in length)	–	

Counts apply when the **number of tree stems** within a size class is ≤ 10. Estimates can be used when > 10 (eg. 10, 20, 30 ... 100, 200, 300 ...). For a **multi-stemmed tree**, only the largest living stem is included in the count/estimate. **Tree stems must be living.**

For **hollows**, count only the presence of a stem containing hollows. For a **multi-stemmed tree**, only the largest stem is included in the count/estimate. **Stems may be dead and may be shrubs.**

BAM Attribute (1 x 1 m plots)	Litter cover (%)					Bare ground cover (%)					Cryptogam cover (%)					Rock cover (%)				
Subplot score (% in each)	0.1	0.2	0.1	0	0.1	2	2	1	0.5	5	0	0	0	0	0	0	0	0	0	0
Average of the 5 subplots	0.1					2.1					0					0				

Litter cover is assessed as the average percentage ground cover of litter recorded from five 1 m x 1 m plots centred at 5, 15, 25, 35, 45 m along the plot midline. Litter cover includes leaves, seeds, twigs, branchlets and branches (less than 10 cm in diameter). Assessors may also record the cover of rock, bare ground and cryptogams.

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

Morphological Type		Landform Element	Foot slope	Landform Pattern	Foothills	Microrelief	
Lithology	Granite	Soil Surface Texture	clay loam	Soil Colour	Brown	Soil Depth	
Slope		Aspect	S	Site Drainage	NW	Distance to nearest water and type	100 m farm dam

Plot Disturbance	Severity code	Age code	Observational evidence:
Clearing (inc. logging)	3	O	Stumps left in landscape
Cultivation (inc. pasture)	0		
Soil erosion	2	NR	Scour ~~erosion~~ evident
Firewood / CWD removal			
Grazing (identify native/stock)	2	R	Sighting of cows + dung.
Fire damage			
Storm damage			
Weediness	2		
Other			

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

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

Exotic

400 m² plot: Sheet _ of _		Survey Name	Plot Identifier	Recorders
Date	23 10 18	Flyers Creek	Plot 6	N Smith L Hamilton

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
	Flat weed Hypochaeris radicata	E	50	5000		
	Cape weed Arctotheca calendula	E	.1	50		
GG	Juncus sp-	N	.1	4		
	subterrenean clover Trifolium subterraneum	E	10			
	Trifolium dubium - yellow flowers	E	10			
F	Cudweed ~~Japonicum~~ Euchiton japonicus	N	.1	50		
	Barley grass Hordeum sp.	E	5			
	Yorkshire fog grass Holcus lanatus	E	.1	20		
	plantago lanceolata	E	.1	20		
	* Unidentified forb. Cotula coronopifolia	E	.1	50		
F	small herb - flowers - unidentified	N	.1	50		
	eragrostis minor - Poa bulbosa	E	.1			
	Lolium sp	E	5	1000		
	small stonecrop? - ~~unidentified~~ sedum caespitosum	E	.1	3		
	Vulpia sp-	E	10			
	Sweet briar - dead Rosa rubiginosa	E	.1	1		
G	Luzula densiflora	N	.1	10		
	sheeps sorrell Acetosella vulgaria	E	.1	50		
	Soft brome	E	.5			
GG	unidentified sedge - Lomandra	N	.1	2		
	small sedge - Isolepis sp. exotic	E	.1	20		
F	Drosera sp	N	.1	10		
	Aphanes arvensis - parsely piert	E	.5	100		

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, ...

BAM Site – Field Survey Form

Site Sheet no:

		Survey Name	Zone ID	Recorders			
Date	23 10 18	Flyers Ck	1330_(exotic)	L HAMILTON - N SMITH			
Zone: 55	Datum: H	Plot ID	7	Plot dimensions	20x50	Photo #	
Easting: 694752	Northing: 6294017	IBRA region	SE Highlands	Midline bearing from 0 m	317°		
Vegetation Class						Confidence: H M L	
Plant Community Type	1330_ exotic			EEC:		Confidence: H M L	

Record easting and northing at 0 m on midline. Dimensions (Shape) of 0.04 ha base plot

BAM Attribute (400 m² plot)		Sum values
Count of Native Richness	Trees	2
	Shrubs	0
	Grasses etc.	3
	Forbs	2
	Ferns	0
	Other	0
Sum of Cover of native vascular plants by growth form group	Trees	30.2
	Shrubs	0
	Grasses etc.	5.6
	Forbs	.2
	Ferns	0
	Other	0
High Threat Weed cover		5

BAM Attribute (1000 m² plot)		
DBH	# Tree Stems Count	# Stems with Hollows
80 + cm	—	—
50 – 79 cm	// (2)	
30 – 49 cm	// (2)	—
20 – 29 cm	/// (3)	—
10 – 19 cm	/ (1)	—
5 – 9 cm	—	—
< 5 cm	+++ (5)	n/a
Length of logs (m) (≥10 cm diameter, >50 cm in length)	1.0 (10) m	

Counts apply when the **number of tree stems** within a size class is ≤ 10. Estimates can be used when > 10 (eg. 10, 20, 30 ... 100, 200, 300 ...). For a **multi-stemmed tree**, only the largest living stem is included in the count/estimate. **Tree stems must be living.**

For **hollows**, count only the presence of a stem containing hollows. For a **multi-stemmed tree**, only the largest stem is included in the count/estimate. **Stems may be dead and may be shrubs.**

7 2

BAM Attribute (1 x 1 m plots)	Litter cover (%)	Bare ground cover (%)	Cryptogam cover (%)	Rock cover (%)
Subplot score (% in each)	50, 30, 2, 2, 20, 2, 2, 2, 2, 2	10, 0, 15, 20, 10, 20, 25, 25, 20	0, 20, 0, 0, 0	0, 0, 0, 0, 0
Average of the 5 subplots	28.8	13	0	0

Litter cover is assessed as the average percentage ground cover of litter recorded from five 1 m x 1 m plots centred at 5, 15, 25, 35, 45 m along the plot midline. Litter cover includes leaves, seeds, twigs, branchlets and branches (less than 10 cm in diameter). Assessors may also record the cover of rock, bare ground and cryptogams.

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

Morphological Type		Landform Element	hill side	Landform Pattern	Foothills	Microrelief	
Lithology	Granite	Soil Surface Texture	Clay loam	Soil Colour	Brown	Soil Depth	
Slope	north	Aspect	north	Site Drainage		Distance to nearest water and type	200m farm dam

Plot Disturbance	Severity code	Age code	Observational evidence:
Clearing (inc. logging)	2	O	Stumps
Cultivation (inc. pasture)	0		
Soil erosion	2	R	Scour around grass tussocks
Firewood / CWD removal			
Grazing (identify native/stock)	2	R	Sighting of Stock, cow pats
Fire damage			
Storm damage			
Weediness	2	R	
Other			

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

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

1330 - exotic understay

400 m² plot: Sheet _ of _	Survey Name	Plot Identifier	Recorders
Date: 23 10 18	Flyers Creek	Plot 7	L Hamilton N Smith

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
	Hordeum sp perennial	E	5	50		
	Bromus sp. diandrus	HTE	5	1000		
	Lolium sp- annual	E	20 10	5000		
	Cape weed Arctotheca calendula	E	.1	20		
G	Juncus sp	N	.1	50		
T	Red Stringybark Eucalyptus macrorhyncha	N	.2	-		
F	* dock Rumex- unidentified (no seed head)	N	.1	50		ID
G	o Rhytidosperma	N	5	100		
G	Austrostipa scabra	N	.1			
T	Eucalyptus melliodora	N	30	1		
F	Smooth green rosette Solenogyne dominii	N	.1	1		
	Soft brome Bromus hordeaceus	E	1	100		
	geranium ~~pusillum~~ molle	E	.1	20		
	subterraneun clover Trifolium	E	.1	50		
	Trifolium dubia. (yellow)	E	1	80		
	Centaury sp- exotic - unidentified	E	.1	2		ID
/						

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, ...

BAM Site – Field Survey Form

Site Sheet no:

Survey Name	Zone ID	Recorders
Ayers Cle	Exotic	L HAMILTON + N SMITH

Date		Zone	Datum	Plot ID	Plot dimensions	Photo #
23 10 18		55	H	8	20 x 50	

Easting	Northing	IBRA region	Midline bearing from 0 m
699405	6283003	SE Highlands Orange	278°

Vegetation Class		Confidence: H M L
Plant Community Type	Exotic	EEC: / Confidence: H M L

Record easting and northing at 0 m on midline. Dimensions (Shape) of 0.04 ha base plot.

BAM Attribute (400 m² plot)		Sum values
Count of Native Richness	Trees	0
	Shrubs	0
	Grasses etc.	4
	Forbs	8
	Ferns	0
	Other	6
Sum of Cover of native vascular plants by growth form group	Trees	0
	Shrubs	0
	Grasses etc.	3.2
	Forbs	5.7
	Ferns	0
	Other	0
High Threat Weed cover		1.2

BAM Attribute (1000 m² plot)		
DBH	# Tree Stems Count	# Stems with Hollows
80 + cm	–	–
50 – 79 cm	–	–
30 – 49 cm	–	–
20 – 29 cm	–	–
10 – 19 cm	–	–
5 – 9 cm	–	–
< 5 cm	–	n/a
Length of logs (m) (≥10 cm diameter, >50 cm in length)	0.6, 0.7, 0.9 = 2.2 m	

Counts apply when the **number of tree stems** within a size class is ≤ 10. Estimates can be used when > 10 (eg. 10, 20, 30 ... 100, 200, 300 ...). For a **multi-stemmed tree**, only the largest living stem is included in the count/estimate. **Tree stems must be living.**

For **hollows**, count only the presence of a stem containing hollows. For a **multi-stemmed tree**, only the largest stem is included in the count/estimate. **Stems may be dead and may be shrubs.**

BAM Attribute (1 x 1 m plots)	Litter cover (%)	Bare ground cover (%)	Cryptogam cover (%)	Rock cover (%)
Subplot score (% in each)	0, 0.1, 0.5, 0.5, 0.1	15, 50, 15, 20, 10	0, 0, 0, 0, 0	0, 0, 0, 0, 0
Average of the 5 subplots	0.24	22	0	0

Litter cover is assessed as the average percentage ground cover of litter recorded from five 1 m x 1 m plots centred at 5, 15, 25, 35, 45 m along the plot midline. Litter cover includes leaves, seeds, twigs, branchlets and branches (less than 10 cm in diameter). Assessors may also record the cover of rock, bare ground and cryptogams.

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

Morphological Type		Landform Element	Gully	Landform Pattern	Foothills	Microrelief	
Lithology	Granite	Soil Surface Texture	Clay loam	Soil Colour	Brown	Soil Depth	
Slope		Aspect	SW	Site Drainage	wash	Distance to nearest water and type	

Plot Disturbance	Severity code	Age code	Observational evidence:
Clearing (inc. logging)	3	O	Stumps
Cultivation (inc. pasture)	0		
Soil erosion	2	NR	Sheet and rill + tunnel etc
Firewood / CWD removal			
Grazing (identify native/stock)	2	R	Signting of stock + dung.
Fire damage			
Storm damage			
Weediness	3	R	Predominantly clover, tapeweed, Brome.
Other			

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

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

Exotic in gully

400 m² plot: Sheet _ of _		Survey Name	Plot Identifier	Recorders
Date	23 10 18	Tyer Creek	Plot 8	N Smith L Hamilton

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
	D. Subterranean clover	E	1	100		
	D flat weed so Hypochaeris radicata	E	25	1000 500		
F	soft/smooth green rosette Schenogyne dami	N	.1	3 10		
	D. Hordeum sp. barley grass	E	5	1000		
F	Oxalis perenans	N	5	100		
	Cape weed Arctotheca calendula	E	.1	30		
G	Juncus sp	N	1	50		
F	D Creeping cudweed Euchiton japonicas	N	.1	200		
	D Isolepsis. sedge marginata.	N	.1	50		
	Trifolium dubia yellow	E	5	100		
F	Drosera sp	N	.1	2		
G	D tiny red gen sedge _ unidentified	E	.1	100		
	blackberry Rubus sp.	HTE	.1	4		
	Sweet briar Rosa rubiginosa	HTE	.1	2		
	pimpernell Anagallis arvensis	E	1	50		
	D bromus sp racemosus	E	55			
	Great brome Bromus diandrus	HTE	1	20		
F	dock - Rumex brownii	N	.1	2		
G	Lythrospermum sp	N	2	100		
F	small leaved fluffy yellow forb Helipterum	N	.1	15		
F	Cotula australis	N	.1	2		
F	Small St Johns wort Hypericum gram	N	.1	5		
	Spikey rosette - ~~not salties~~ saltwort	E	.1	10		
G	Lazula. densiflora	N	.1	3		

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, ...

BAM Site – Field Survey Form

Site Sheet no:

Survey Name	Zone ID	Recorders
Flyers Ck	DG_Good	L Hamilton + N Smith

Date		Zone	Datum	Plot ID	Plot dimensions	Photo #
23 10 18		55	H	9	20 x 50	

Easting	Northing	IBRA region	Midline bearing from 0 m
695584	6283306	SE Highlands Orange	66°

		Confidence: H M L
Vegetation Class		
Plant Community Type	Derived Grassland_good	**EEC:** Confidence: H M L

Record easting and northing at 0 m on midline. Dimensions (Shape) of 0.04 ha base plot.

BAM Attribute (400 m² plot)		Sum values
Count of Native Richness	Trees	1
	Shrubs	0
	Grasses etc.	7
	Forbs	9
	Ferns	0
	Other	1
Sum of Cover of native vascular plants by growth form group	Trees	.1
	Shrubs	0
	Grasses etc.	42.4
	Forbs	1.8
	Ferns	0
	Other	.1
High Threat Weed cover		5

BAM Attribute (1000 m² plot)		
DBH	**# Tree Stems Count**	**# Stems with Hollows**
80 + cm		
50 – 79 cm		
30 – 49 cm		
20 – 29 cm		
10 – 19 cm		
5 – 9 cm	~~HHHH~~ III (3)	
< 5 cm	~~HHHH HHHH HHHH~~ IIII (19)	n/a
Length of logs (m) (≥10 cm diameter, >50 cm in length)	1.0 (1.0) m	

Counts apply when the **number of tree stems** within a size class is ≤ 10. Estimates can be used when > 10 (eg. 10, 20, 30, ..., 100, 200, 300, ...). For a **multi-stemmed tree**, only the largest living stem is included in the count/estimate. **Tree stems must be living.**

For **hollows**, count only the presence of a stem containing hollows. For a **multi-stemmed tree**, only the largest stem is included in the count/estimate. **Stems may be dead and may be shrubs.**

BAM Attribute (1 x 1 m plots)	Litter cover (%)					Bare ground cover (%)					Cryptogam cover (%)					Rock cover (%)				
Subplot score (% in each)	0.1	0.1	0.1	0.2	10	10	~~15~~ 85	4	10		25	0	0.1	0	0	0	0	0	0	0
Average of the 5 subplots	2.1					29.8					5.02					0				

Litter cover is assessed as the average percentage ground cover of litter recorded from five 1 m x 1 m plots centred at 5, 15, 25, 35, 45 m along the plot midline. Litter cover includes leaves, seeds, twigs, branchlets and branches (less than 10 cm in diameter). Assessors may also record the cover of rock, bare ground and cryptogams.

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

Morphological Type		Landform Element	Footslope	Landform Pattern	foothills	Microrelief	
Lithology		Soil Surface Texture	Clay loam	Soil Colour	grey	Soil Depth	
Slope	N	Aspect	E	Site Drainage	NE	Distance to nearest water and type	100 m gully

Plot Disturbance	Severity code	Age code	Observational evidence:
Clearing (inc. logging)	1	O	Remany stumps
Cultivation (inc. pasture)	0		
Soil erosion	m	NR	Scarcity on hillside around vegetation + tracks
Firewood / CWD removal			
Grazing (identify native/stock)	m	R	Sightly of stock + dung.
Fire damage			
Storm damage			
Weediness	L	K	
Other			

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

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

DG - Good Good grass

400 m² plot: Sheet _ of _		Survey Name	Plot Identifier	Recorders	
Date	23 10 18	Flyers Creek	Plot 9	L Hamilton	N Smith

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
G	Rhytidosperma. small fluffy	N	40	1000		
G	Austrostipa scarbra	N	.1	2		
G	Lomandra filiformis_ mar	N	1	100		
G	Lomandra ~~re~~ grey. multiflora	N	.1	10		
F	Wurmbea dioica	N	.1	30		
O	Desmodium_ varians	N	.1	10		
F	○ yellow fluffy ball small ~~of the~~ Helipterum alistvale	N	.1 ~~.05~~	500		
	bromus diandrus	HTE	5	1000		
F	○ lily - unidentified	N	1	200		
G	juncus sp	N	.1	10		
F	Wahlenbergia sp	N	.1	50		
T	○ Encalyptus blackelyi	N	.1	8		juvies
	Eragrostis minor	E	10	500		
O	Convolvulus sp	N	.1	2		
	Barley grass Hordeum sp	E	.1	10		
F	Green fuzzy rosette_ unidentified	N	.1			
F	Greenhood orchid pterostylis sp.	N	.1	5		
G	Rediog grass Bothriochloa macra	N	.1			
F	Velvet forb - unidentified	N	.1	10		
F	smooth rosette Solenogyne dominii	N	.1	~~50~~ 20		
	native flat weed) hairy Hypochaeris radicata	E	.1			
	~~Flat weed~~	—	+	—		
G	possible - Themeda	N	~~2~~ 1	3		
F	small St John's wort Hypericum gramineum	N	0.1	2		

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, ...

BAM Site – Field Survey Form

Site Sheet no:

Survey Name	Zone ID	Recorders
Figens Ck	277_ native	L Hamilton N Smith

Date		Zone	Datum	Plot ID	Plot dimensions	Photo #
23 10 18		55	H	10	20x50	

Easting	Northing	IBRA region	Midline bearing from 0 m
695546	6283206	S Highlands Orange	40°

Vegetation Class		Confidence: H M L
Plant Community Type	277_ native.	EEC: / Confidence: H M L

Record easting and northing at 0 m on midline. Dimensions (Shape) of 0.04 ha base plot.

BAM Attribute (400 m² plot)		Sum values
Count of Native Richness	Trees	2
	Shrubs	0
	Grasses etc.	3
	Forbs	4
	Ferns	0
	Other	2
Sum of Cover of native vascular plants by growth form group	Trees	20
	Shrubs	0
	Grasses etc.	1.1
	Forbs	0.4
	Ferns	0
	Other	0.6
High Threat Weed cover		1.2

BAM Attribute (1000 m² plot)		
DBH	# Tree Stems Count	# Stems with Hollows
80 + cm	—	—
50 – 79 cm	—	—
30 – 49 cm	III (3)	—
20 – 29 cm	~~IIII~~ ~~III~~ II (12)	—
10 – 19 cm	~~IIII~~ I (6)	—
5 – 9 cm	I (1)	—
< 5 cm		n/a
Length of logs (m) (≥10 cm diameter, >50 cm in length)	(9m	

Counts apply when the **number of tree stems** within a size class is ≤ 10. Estimates can be used when > 10 (eg. 10, 20, 30 ... 100, 200, 300 ...). For a **multi-stemmed tree**, only the largest living stem is included in the count/estimate. **Tree stems must be living.**

For **hollows**, count only the presence of a stem containing hollows. For a **multi-stemmed tree**, only the largest stem is included in the count/estimate. **Stems may be dead and may be shrubs.**

BAM Attribute (1 x 1 m plots)	Litter cover (%)	Bare ground cover (%)	Cryptogam cover (%)	Rock cover (%)
Subplot score (% in each)	95, 90, 80, 10, 75	0, 0, 0, 80, 10	0, 0, 0, 1, 0	0, 0, 0, 10, 0
Average of the 5 subplots	68	18	0.2	2

Litter cover is assessed as the average percentage ground cover of litter recorded from five 1 m x 1 m plots centred at 5, 15, 25, 35, 45 m along the plot midline. Litter cover includes leaves, seeds, twigs, branchlets and branches (less than 10 cm in diameter). Assessors may also record the cover of rock, bare ground and cryptogams.

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

Morphological Type		Landform Element		Landform Pattern		Microrelief	
Lithology		Soil Surface Texture		Soil Colour		Soil Depth	
Slope		Aspect		Site Drainage		Distance to nearest water and type	

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			
Other			

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

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

2T7_ native understo

400 m² plot: Sheet _ of _		Survey Name	Plot Identifier	Recorders
Date	23 10 18	Flyers Creek	Plot 10	N Smith L Hamilton

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
O	Mistletoe sp- unidentified	N	0.5	4		
F	Stinking pennywort Hydrocotyle laxiflora	N	0.1	50		
	Trifolium dubium	E	0.1	~~300~~		
	Great brome Bromus diandrus	HTE	0.5	1000		
	Soft brome	E	0.1	500		
	rye grass Lolium sp	E	0.2	200		
	Galium sp - native? Sherardia arvensis	E	0.1	250		
	~~Senecio~~ Senecio sp.	HTE	0.5	15		
	Trifolium subterranium	E	0.1	150		
F	Native geranium solanderi	N	0.1	~~50~~		
	~~Hydrocotyle~~	—	—	—		
O	Dianella Dysmocoleum laevans	N	0.1	1		
	~~Tall grass~~ ?			—		
	Clover? Hares foot?	E	0.1	80		
G	Wallaby Small Rhytidosperma sp.	N	0.5	80		
	~~Panicum~~ Onion grass Romulea sp	HTE	0.1	—		
	~~Cynodon~~			—		
F	Rumex brownii	N	0.1	20		
	~~fat hedera~~ ~~Sherardia arvensis~~	~~E~~	~~0.1~~	~~200~~		
	New carrot		0.1	250		
T	Blakely's red gum Eucalyptus blakelyi	N	~~5~~	~~5~~		
T	Yellow box Eucalyptus melliodora.	N	15	7		
	~~Poa sp~~		~~20~~			
G	Lomandra plationis → Solenogyne dominii	N	0.1	2		
	~~Hypoxis hygrometrica~~ Small green rosette	N	0.1	18		
	Hairy Hawkweed Hypochaeris radicata	E	0.1	15		
	~~Ranunculus~~		~~0.1~~	~~50~~		
	Spikey rosette / thistle Carthamus lanatus	HTE	~~0.1~~	~~5~~	0.1	5
F	Wahlenbergia sp	N	0.1	~~2~~		
	~~green bracted type~~ ~~unidentified native forb~~	—	~~0.1~~	~~2~~		
	Briza ~~minor~~ sp.	E	0.1	50		
	~~Grass~~ unidentified lily	N	0.1	1		
G	Poa sp labillardierei	N	0.5	10		

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, ...

BAM Site – Field Survey Form

Site Sheet no:

		Survey Name	Zone ID	Recorders			
Date: 23 10 18		Flyers Ck	1330_exotic	L HAMILTON + N SMITH			
Zone: 55	Datum: H	Plot ID	11	Plot dimensions	20x50	Photo #	
Easting: 694606	Northing: 6285179	IBRA region	SE Highlands Orange.	Midline bearing from 0 m	83°		
Vegetation Class						Confidence: H M L	
Plant Community Type		1330_exotic		EEC:		Confidence: H M L	

Record easting and northing at 0 m on midline. Dimensions (Shape) of 0.04 ha base plot.

BAM Attribute (400 m² plot)		Sum values
Count of Native Richness	Trees	3
	Shrubs	0
	Grasses etc.	2
	Forbs	3
	Ferns	0
	Other	0
Sum of Cover of native vascular plants by growth form group	Trees	50.1
	Shrubs	0
	Grasses etc.	10.5
	Forbs	0.3
	Ferns	0
	Other	0
High Threat Weed cover		30.2

BAM Attribute (1000 m² plot)		
DBH	# Tree Stems Count	# Stems with Hollows
80 + cm	/// (3)	//// // (2)
50 – 79 cm	/// (3)	//// / (1)
30 – 49 cm	//// //// / (11)	—
20 – 29 cm	//// //// //// /// (19)	—
10 – 19 cm	//// //// / (11)	—
5 – 9 cm	//// //// // (12)	—
< 5 cm	//// //// / (11)	n/a
Length of logs (m) (≥10 cm diameter, >50 cm in length)	3.0, 4.0, 3.0, 5.0, 2.0, 2.0, 2.0, 1.0, 4.0, 6.0, 3.0, = (37) m	

Counts apply when the **number of tree stems** within a size class is ≤ 10. Estimates can be used when > 10 (eg. 10, 20, 30 ... 100, 200, 300 ...). For a **multi-stemmed tree**, only the largest living stem is included in the count/estimate. **Tree stems must be living.**

For **hollows**, count only the presence of a stem containing hollows. For a **multi-stemmed tree**, only the largest stem is included in the count/estimate. **Stems may be dead and may be shrubs.**

BAM Attribute (1 x 1 m plots)	Litter cover (%)					Bare ground cover (%)					Cryptogam cover (%)					Rock cover (%)				
Subplot score (% in each)	95	50	25	5	50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Average of the 5 subplots	61					0					0					0				

Litter cover is assessed as the average percentage ground cover of litter recorded from five 1 m x 1 m plots centred at 5, 15, 25, 35, 45 m along the plot midline. Litter cover includes leaves, seeds, twigs, branchlets and branches (less than 10 cm in diameter). Assessors may also record the cover of rock, bare ground and cryptogams.

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

Morphological Type		Landform Element	Foot slope	Landform Pattern	Foothills	Microrelief	
Lithology		Soil Surface Texture	clay loam	Soil Colour	brown	Soil Depth	
Slope	[illegible]	Aspect	S	Site Drainage	N	Distance to nearest water and type	

Plot Disturbance	Severity code	Age code	Observational evidence:
Clearing (inc. logging)	1	NR	roadside / lots of stems.
Cultivation (inc. pasture)	0		
Soil erosion	0		
Firewood / CWD removal	0		
Grazing (identify native/stock)	1	R	Cow dung.
Fire damage	0		
Storm damage	0		
Weediness	2		
Other	0		

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

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

400 m² plot: Sheet _ of _		Survey Name	Plot Identifier	Recorders
Date	23 10 18	Flyers Creek	Plot 11	L Hamilton N Smith

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
	Bromus diandrus (great)	HTE	30			
T	Broad leaf peppermt E. Dives	N	30	8		
T	long leaved bbx E goniocalyx	N	20	8		
	Rye grass Lolium sp	E	10	1000		
F	Rumex brownii	N	.1	2		
F	Oxalis pemenans	N	.1	4		
	Onion grass - unidentified	HTE	.1	50		
	Black Berry Rubus sp	HTE	.1	2		
G	Microleana stipoides	N	10	50		
G	Poa ~~labo~~ labillardieri	N	.5	25		ID
	~~Cocksfoot~~ Phalaris sp	E	5	30		
	plantago lanceolata. -	E	.5	50		
	hypochaeris radicata	E	.1	3		
F	native geranium. Geranium solanderi	N	.1	2		
	spear thistle. Cirsium vulgare	E	.1	2		
	Sheeps sorrel. Acetosella vulgaris	E	.1	4		
	Vetch... Vicia sp.	E	.1	10		
	Cocksfoot. - roadside Dactylis glomerata	E	.1	20		
	Juncus sp	N	.1	1		
T	Blakely's red gum	N	.1	—		
	harefoots clover Trifolium arvense	E	.1	10		

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, ...

BAM Site – Field Survey Form

Site Sheet no:

		Survey Name	Zone ID	Recorders			
Date	23 10 18	Flyers Ck	Exotic	L Hamilton + N Smith			
Zone: 55	Datum: H	Plot ID	12	Plot dimensions	20 x 50	Photo #	
Easting: 693772	Northing: 6284806	IBRA region	SE Highlands Orange	Midline bearing from 0 m	55°		
Vegetation Class						Confidence: H M L	
Plant Community Type	Exotic			EEC:		Confidence: H M L	

Record easting and northing at 0 m on midline. Dimensions (Shape) of 0.04 ha base plot.

BAM Attribute (400 m² plot)		Sum values
Count of Native Richness	Trees	0
	Shrubs	0
	Grasses etc.	1
	Forbs	0
	Ferns	0
	Other	0
Sum of Cover of native vascular plants by growth form group	Trees	0
	Shrubs	0
	Grasses etc.	2
	Forbs	0
	Ferns	0
	Other	0
High Threat Weed cover		0

BAM Attribute (1000 m² plot)		
DBH	# Tree Stems Count	# Stems with Hollows
80 + cm	—	—
50 – 79 cm	—	—
30 – 49 cm	—	—
20 – 29 cm	—	—
10 – 19 cm	—	—
5 – 9 cm	—	—
< 5 cm	—	n/a
Length of logs (m) (≥10 cm diameter, >50 cm in length)	—	

Counts apply when the **number of tree stems** within a size class is ≤ 10. Estimates can be used when > 10 (eg. 10, 20, 30 ... 100, 200, 300 ...). For a **multi-stemmed tree**, only the largest living stem is included in the count/estimate. **Tree stems must be living.**

For **hollows**, count only the presence of a stem containing hollows. For a **multi-stemmed tree**, only the largest stem is included in the count/estimate. **Stems may be dead and may be shrubs.**

BAM Attribute (1 x 1 m plots)	Litter cover (%)	Bare ground cover (%)	Cryptogam cover (%)	Rock cover (%)
Subplot score (% in each)	0, 0, 0, 0, 0	0, 0, 0.1, 0.1, 0	0, 0, 0, 0, 0	0, 0, 0, 0, 0
Average of the 5 subplots	0	0.04	0	0

Litter cover is assessed as the average percentage ground cover of litter recorded from five 1 m x 1 m plots centred at 5, 15, 25, 35, 45 m along the plot midline. Litter cover includes leaves, seeds, twigs, branchlets and branches (less than 10 cm in diameter). Assessors may also record the cover of rock, bare ground and cryptogams.

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

Morphological Type		Landform Element	hill slope	Landform Pattern	foot hills	Microrelief	
Lithology		Soil Surface Texture	clay loam	Soil Colour	brown	Soil Depth	
Slope		Aspect	E	Site Drainage	SW	Distance to nearest water and type	seam 1km down

Plot Disturbance	Severity code	Age code	Observational evidence:
Clearing (inc. logging)	3	O	Surrounding woodland
Cultivation (inc. pasture)	3	R	Cultivated clover, rye etc
Soil erosion	0		
Firewood / CWD removal	0		
Grazing (identify native/stock)	2	R	Cow/sheep signings + dung
Fire damage	0		
Storm damage	0		
Weediness	3	R	Sown weed species
Other	0		

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

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

Exotic

400 m² plot: Sheet _ of _		Survey Name	Plot Identifier	Recorders
Date	23 10 18	Tyers Creek	12	N Smith L Hamilton

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
	Spear thistle	E	1			
	Sheeps sorrel	E				
	Rye grass	E				
	P subterranean clover	E				
	Trifolium dubium	E				
	Barley grass	E				
	Vulpia sp	E				
	hypochaeris radicata	E				
	Centaury sp	E				
	Eragrostis minor- Poa bulbosa	E				
G	Juncus sp	N	2	70		
	Soft brome	E				
	Trifolium sp	E				

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, ...

BAM Site – Field Survey Form

Site Sheet no:

		Survey Name	Zone ID	Recorders			
Date	23 10 18	FlyersCk	277_exotic	L Hamilton + N Smith			
Zone	Datum	Plot ID	13	Plot dimensions	20x50	Photo #	
55	H						
Easting	Northing	IBRA region	SE Highlands Orange	Midline bearing from 0 m	230°		
699255	6298851						
Vegetation Class						Confidence: H M L	
Plant Community Type	277_exotic			EEC:		Confidence: H M L	

Record easting and northing at 0 m on midline. Dimensions (Shape) of 0.04 ha base plot.

BAM Attribute (400 m² plot)		Sum values
Count of Native Richness	Trees	2
	Shrubs	0
	Grasses etc.	1
	Forbs	2
	Ferns	0
	Other	0
Sum of Cover of native vascular plants by growth form group	Trees	32
	Shrubs	0
	Grasses etc.	.1
	Forbs	.2
	Ferns	0
	Other	0
High Threat Weed cover		.1

BAM Attribute (1000 m² plot)		
DBH	# Tree Stems Count	# Stems with Hollows
80 + cm	III (3)	II (2)
50 – 79 cm	++++ II (7)	III (3)
30 – 49 cm	–	–
20 – 29 cm	1 (1)	1 (1)
10 – 19 cm	–	–
5 – 9 cm	–	–
< 5 cm	–	n/a
Length of logs (m) (≥10 cm diameter, >50 cm in length)	2.0, 2.5, 2.0, 5.0, 0.9, 6.0, 3.0 1.2, 2.0, 4.5, 0.6, 2.5, 0.7, 1.5, 2.5, 1.1,	

Counts apply when the **number of tree stems** within a size class is ≤ 10. Estimates can be used when > 10 (eg. 10, 20, 30 ... 100, 200, 300 ...). For a **multi-stemmed tree**, only the largest living stem is included in the count/estimate. **Tree stems must be living.**

For **hollows**, count only the presence of a stem containing hollows. For a **multi-stemmed tree**, only the largest stem is included in the count/estimate. **Stems may be dead and may be shrubs.**

2.5, 3.
3.0, 2.
4.0, 2.
8.0
3.5,
1.5,
=68.5
m

BAM Attribute (1 x 1 m plots)	Litter cover (%)	Bare ground cover (%)	Cryptogam cover (%)	Rock cover (%)
Subplot score (% in each)	25, 50, 80, 30, 2	1, 15, 0, 15, 5	0, 0, 0, 0, 0	5, 100, 0, 0
Average of the 5 subplots	37.4	7.2	0	3

Litter cover is assessed as the average percentage ground cover of litter recorded from five 1 m x 1 m plots centred at 5, 15, 25, 35, 45 m along the plot midline. Litter cover includes leaves, seeds, twigs, branchlets and branches (less than 10 cm in diameter). Assessors may also record the cover of rock, bare ground and cryptogams.

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

Morphological Type		Landform Element	hill side	Landform Pattern	foot hills	Microrelief	
Lithology		Soil Surface Texture	clay loam	Soil Colour	brown	Soil Depth	
Slope		Aspect	W	Site Drainage	S	Distance to nearest water and type	500m farm dam

Plot Disturbance	Severity code	Age code	Observational evidence:
Clearing (inc. logging)	2	O	stumps
Cultivation (inc. pasture)	0		
Soil erosion	0		
Firewood / CWD removal	0		
Grazing (identify native/stock)	1	R	Dung
Fire damage	0		
Storm damage	0		
Weediness	3	R	Mixed weed
Other			

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

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

277_ exotic

400 m² plot: Sheet _ of _	Survey Name	Plot Identifier	Recorders
Date: 23 10 18	Flyers Creek	Plot 13	N Smith L Hamilton

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
	Geranium molle	E	1	80		
	Rye grass Lolium sp	E	30	5000		
	Barley grass Hordeum sp	E	30	5000		
F	Oxalis perrenans	N	.1	10		
T	Eucalyptus melliodora	N	30	1		
	Cape weed Arctotheca calendula	E	.1			
F	Rumex brownii	N	.1	5		
G	Rhytidosperma sp	N	.1			
	Centuary forb Centaurium erythraea	E	.1	50		
	thistle - like variegated	E	.1	20		
	Stinking pennywort Hydrocotyl laxiflora	N	.1	10		
	Blackberry Rubus sp	HTE	.1	1		
T	Eucalyptus gonocalyx	N	2	1		

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, ...

BAM Site – Field Survey Form

Site Sheet no:

Survey Name	Zone ID	Recorders
Flyers Ck	1330 nature roadside	L Hamilton & N Smith

Date	Zone	Datum	Plot ID	Plot dimensions	Photo #
24 10 18	55	H	14	10 x 100 ~~20 x 50~~	

Easting	Northing	IBRA region	Midline bearing from 0 m
696079	6283635	SE Highlands Orange	340°

Vegetation Class		Confidence: H M L
Plant Community Type	1330- nature roadside	EEC: / Confidence: H M L

Record easting and northing at 0 m on midline. Dimensions (Shape) of 0.04 ha base plot.

BAM Attribute (400 m² plot)		Sum values
Count of Native Richness	Trees	3
	Shrubs	1
	Grasses etc.	8
	Forbs	13
	Ferns	0
	Other	0
Sum of Cover of native vascular plants by growth form group	Trees	12
	Shrubs	2
	Grasses etc.	35.4
	Forbs	1.4
	Ferns	0
	Other	0
High Threat Weed cover		0.6

BAM Attribute (1000 m² plot)		
DBH	# Tree Stems Count	# Stems with Hollows
80 + cm	1 (1)	1 (1)
50 – 79 cm	11 (2)	
30 – 49 cm	1111 (4)	
20 – 29 cm	—	
10 – 19 cm	~~HH~~ (5)	
5 – 9 cm	~~HHHHHHHHHHHHHHHHHHHH~~ (35)	
< 5 cm	16+15+10+14+5+6+5+3+11 (85)	n/a
Length of logs (m) (≥10 cm diameter, >50 cm in length)	4.0, 1.0, 3.0, 4.0, = (12) m	

Counts apply when the **number of tree stems** within a size class is ≤ 10. Estimates can be used when > 10 (eg. 10, 20, 30 ... 100, 200, 300 ...). For a **multi-stemmed tree**, only the largest living stem is included in the count/estimate. **Tree stems must be living.**

For **hollows**, count only the presence of a stem containing hollows. For a **multi-stemmed tree**, only the largest stem is included in the count/estimate. **Stems may be dead and may be shrubs.**

BAM Attribute (1 x 1 m plots)	Litter cover (%)					Bare ground cover (%)					Cryptogam cover (%)					Rock cover (%)				
Subplot score (% in each)	50	55	70	50	50	0	10	0	0	5	0	0	0	0	0	0	0	0	0	0
Average of the 5 subplots	55					3					0					0				

Litter cover is assessed as the average percentage ground cover of litter recorded from five 1 m x 1 m plots centred at 5, 15, 25, 35, 45 m along the plot midline. Litter cover includes leaves, seeds, twigs, branchlets and branches (less than 10 cm in diameter). Assessors may also record the cover of rock, bare ground and cryptogams.

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

Morphological Type		Landform Element	Hills Spur	Landform Pattern	Foothills	Microrelief	Roadside
Lithology		Soil Surface Texture	Clay loam	Soil Colour	Brown Grey	Soil Depth	
Slope		Aspect	N	Site Drainage	N	Distance to nearest water and type	5m roadside gully Ck

Plot Disturbance	Severity code	Age code	Observational evidence:
Clearing (inc. logging)	3	O	All young regen, old road site
Cultivation (inc. pasture)	0		
Soil erosion	3	R	Gullying occuring along transect
Firewood / CWD removal	0		
Grazing (identify native/stock)	0		
Fire damage	0		
Storm damage	0		
Weediness	1		
Other			

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

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

Dimensions
0 x 20 40

1330 native - K.

400 m² plot: Sheet _ of _		Survey Name	Plot Identifier	Recorders
Date	24 10 19	Flyers Creek	Plot 14	L Hamilton N Smith

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
S	Cassinia aculeata	N	2	50		
F	Small St Johns wort Hypericum gramineum	N	.1	10		
	Isolepsis marginata	E	.1	30		
	onion grass - unidentified Romulea	HTE	.1	1		
G	Tremeda triandra	N	25	50		
	hypochaens radicata	E	.1	50		
G	Rhytidosperma - small fluffy	N	5	100		
F	Oxalis perrennans	N	.1	20		
F	native geranium Geranium solanderi	N	.1	10		
G	Sedge - large tussock Poa	N	4	20		ID
F	bulbine lily. Bulbine bulbosa	N	.1	4		
G	Rhytidosperma - tall	N	1	70		
	Exotic Hypericum perforatum	HTE	.1	5		
F	Sheeps burr Acaena echinata	N	.1	10		
T	Silver wattle Acacia dealbata	N	5	55		
G	Lomandra - small filiformis	N	.1	200		
F	Woodruff gallium - Asperula conferta	N	.1	500		
G	small shaky grass - unidentified	N	.1	100		
	~~barley grass~~	—	—	—		
	~~bromus stamineus (grad)~~	—	—	—		
	Trifolium dubia	E	.1	50		
G	Microlaena stipoides	N	.1	20		
	Hawthorn Crataegus monogyna	HTE	.1	1		
	Blackberry Rubus sp	HTE	.1	3		
T	Eucalyptus rubida	N	5	9		
	Cocksfoot Dactylis glomerata	E	20			
	Phalaris sp	E	10			
	Plantago lanceolata - ~~native?~~ small.	E	.5			
F	Asteraceae - brown midrein.	N	.1	30		
	Sweet briar Rosa rubiginosa	HTE	.1	3		
T	Eucalyptus melliodora	N	2	6		
	~~small~~	—	—	—		
G	small sedge - not lazula Carex	N	.1	4		
	Curly grass - unidentified	N	1	50		
	~~native plantain~~	—	—	—		
	~~Rhytidosperma 3rd~~	—	—	—		
F	Creeping cudweed Euchiton japonicus	N	.1	10		
F	gonocarpus - sp.	N	.2	50		
	~~Rhytidosperma 2~~ serrated tussock Nassella	HTE	.1	1		
	~~Juncus sp~~ Rye grass	E	.5	1000		

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, ...

(F) ~~Rock~~ Whalenbergia sp .1 1

briza maxima .5 1000

(F) Wurmbea dioeca .1 1

(F) small fluffy ball forb - Helipteum australe .1 20

(F) ~~Hillfire weed~~ Senecio - .1 1
↳ Senecio quadridentatus

1330 exotic_understorey

BAM Site – Field Survey Form

Site Sheet no:

		Survey Name	Zone ID	Recorders			
Date	24 10 18	Flyers Creek	Plot 15	L Hamilton N Smith			
Zone	Datum	Plot ID	15	Plot dimensions	20x50	Photo #	
Easting	Northing	IBRA region	SEH	Midline bearing from 0 m	330°		
Vegetation Class						Confidence: H M L	
Plant Community Type	1330 - Red Stringy, long leaved Yellow			EEC: Y		Confidence: H M L	

Record easting and northing at 0 m on midline. Dimensions (Shape) of 0.04 ha base plot.

BAM Attribute (400 m² plot)		Sum values
Count of Native Richness	Trees	1
	Shrubs	0
	Grasses etc.	5
	Forbs	2
	Ferns	0
	Other	0
Sum of Cover of native vascular plants by growth form group	Trees	12
	Shrubs	0
	Grasses etc.	12.2
	Forbs	0.1
	Ferns	0
	Other	0
High Threat Weed cover		0

BAM Attribute (1000 m² plot)		
DBH	# Tree Stems Count	# Stems with Hollows
80 + cm		
50 – 79 cm	1 (1)	
30 – 49 cm	2	
20 – 29 cm		
10 – 19 cm		
5 – 9 cm		
< 5 cm	—	n/a
Length of logs (m) (≥10 cm diameter, >50 cm in length)	(6) m	

Counts apply when the **number of tree stems** within a size class is ≤ 10. Estimates can be used when > 10 (eg. 10, 20, 30 ... 100, 200, 300 ...). For a **multi-stemmed tree**, only the largest living stem is included in the count/estimate. **Tree stems must be living.**

For **hollows**, count only the presence of a stem containing hollows. For a **multi-stemmed tree**, only the largest stem is included in the count/estimate. **Stems may be dead and may be shrubs.**

BAM Attribute (1 x 1 m plots)	Litter cover (%)	Bare ground cover (%)	Cryptogam cover (%)	Rock cover (%)
Subplot score (% in each)	1, .5, .5, .1, 0	—	—	2, 5
Average of the 5 subplots	0.42	0	0	1.4

Litter cover is assessed as the average percentage ground cover of litter recorded from five 1 m x 1 m plots centred at 5, 15, 25, 35, 45 m along the plot midline. Litter cover includes leaves, seeds, twigs, branchlets and branches (less than 10 cm in diameter). Assessors may also record the cover of rock, bare ground and cryptogams.

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

Morphological Type		Landform Element		Landform Pattern		Microrelief	
Lithology		Soil Surface Texture		Soil Colour		Soil Depth	
Slope		Aspect		Site Drainage		Distance to nearest water and type	

Plot Disturbance	Severity code	Age code	Observational evidence:
Clearing (inc. logging)			some clearing
Cultivation (inc. pasture)			pasture improved
Soil erosion			— nil evidence
Firewood / CWD removal			CWD limited - but remain under trees
Grazing (identify native/stock)			grazed by cattle + sheep - no regen
Fire damage			—
Storm damage			—
Weediness			exotic dominated except under tree canopy
Other			

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

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

400 m² plot: Sheet _ of _		Survey Name	Plot Identifier	Recorders
Date	29 10 18	Flyers Creek	15	L Hamilton N Smith

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
	Flatweed sml - Hypochaeris radicata	E	0.5	1000		
	Sheep's Sorrel	E	0.1	500		
	T. subterraneum	E	10	2000		
	Capeweed	E	0.1	200		
	Barley grass	E				
G	Rhytidosperma - lobed	N	10	500		
G	Rhytidosperma - shiny	N	2	250		
F	small unidentified forb.	N	0.1			
	T. dubia	E				
	~~Hairy cauvat~~ Parsley Piert Aphanes	E				
G	Juncus sp.	N	0.2	30		
	Fairy grass	E				
	Onion weed.	E				
	Vulpia sp	E				
	Rye grass	E				
	Yorkshire fog	E				
	Soft brome	E				
	~~Unreadable~~ Tiny stonecrop - Sedum caespitosum	E				
F	Oxalis perennens	N	0.1	100		
	~~Sat galenscape~~	—	—	—		
G	Lomandra filiformis	N	0.1	50		
G	red grass Bothriochloa macra	N	0.1	~~70~~		
	Great bromo	HTE				
	~~Rumex brownii~~	—	—	—		
	unidentified fore - purple flower February	~~HTE~~				
T	Long leaved box Eucalyptus goniocalyx	N	12	1		

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, ...

BAM Site – Field Survey Form

Site Sheet no:

		Survey Name	Zone ID	Recorders			
Date	24 10 18	Flyers Ck	1330_nahve	L Hamilton	N Smith		
Zone: 55	Datum: H	Plot ID	16	Plot dimensions	20x50	Photo #	
Easting: 694209	Northing: 6283599	IBRA region	SE Highlands Orange	Midline bearing from 0 m	293°		
Vegetation Class						Confidence: H M L	
Plant Community Type	1330_nahve.			EEC:		Confidence: H M L	

Record easting and northing at 0 m on midline. Dimensions (Shape) of 0.04 ha base plot.

BAM Attribute (400 m² plot)		Sum values
Count of Native Richness	Trees	3
	Shrubs	0
	Grasses etc.	7
	Forbs	8
	Ferns	0
	Other	1
Sum of Cover of native vascular plants by growth form group	Trees	1.6
	Shrubs	0
	Grasses etc.	51.3
	Forbs	2.1
	Ferns	0
	Other	.1
High Threat Weed cover		0

BAM Attribute (1000 m² plot)		
DBH	# Tree Stems Count	# Stems with Hollows
80 + cm	—	—
50 – 79 cm	—	—
30 – 49 cm	—	—
20 – 29 cm	—	—
10 – 19 cm	19	—
5 – 9 cm	10	—
< 5 cm	101+42+49 = 192	n/a
Length of logs (m) (≥10 cm diameter, >50 cm in length)	2.0, 1.5, 1.5, 2.5, = 7.5 m	

Counts apply when the **number of tree stems** within a size class is ≤ 10. Estimates can be used when > 10 (eg. 10, 20, 30, 100, 200, 300,). For a **multi-stemmed tree**, only the largest living stem is included in the count/estimate. **Tree stems must be living.**

For **hollows**, count only the presence of a stem containing hollows. For a **multi-stemmed tree**, only the largest stem is included in the count/estimate. **Stems may be dead and may be shrubs.**

BAM Attribute (1 x 1 m plots)	Litter cover (%)					Bare ground cover (%)					Cryptogam cover (%)					Rock cover (%)				
Subplot score (% in each)	25	10	1	1	95	50	50	5	15	0	0	15	20	10	0	0	0	0	0	0
Average of the 5 subplots	26.4					24					9					0				

Litter cover is assessed as the average percentage ground cover of litter recorded from five 1 m x 1 m plots centred at 5, 15, 25, 35, 45 m along the plot midline. Litter cover includes leaves, seeds, twigs, branchlets and branches (less than 10 cm in diameter). Assessors may also record the cover of rock, bare ground and cryptogams.

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

Morphological Type		Landform Element	←	Landform Pattern	lower hill slope	Microrelief	
Lithology		Soil Surface Texture	clay loam	Soil Colour	Yellow-red	Soil Depth	
Slope		Aspect	NE	Site Drainage	SE	Distance to nearest water and type	200 m gully channel

Plot Disturbance	Severity code	Age code	Observational evidence:
Clearing (inc. logging)	2	O	stumps + regen
Cultivation (inc. pasture)	0		
Soil erosion	1		scour
Firewood / CWD removal	0		
Grazing (identify native/stock)	1	R	Dung
Fire damage	0		
Storm damage	0		
Weediness	1		
Other			

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

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

400 m² plot: Sheet _ of _		Survey Name	Plot Identifier	Recorders
Date	23 10 18	Flyers Creek	16	L Hamilton N Smith

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
G	Rhytidosperma - thin leaves	N	10	2000		
G	Lomandra filiformis	N	.5	2000		
	Barley grass Hordeum sp	E	.5			
G	Rhytidosperma small fluffy	N	40	5000		
	~~juncus~~					
F	smooth green rosette Solenogyne dominii	N	.1	10		
G	Austrostipa scabra	N	.5	50		
F	Goodenia sp	N	0.5	80		
G	woodrush - clump Luzula densiflora	N	.1	1		10
T	long leaf box E. goniocalyx	N	.5	2		
F	small spikey ball forb (yellow) Helipterum australe	N	.1	30		
F	unidentified forb	N	.1	1		
F	Gonocarpus -	N	.1	3		
F	small St Johns wort Hypericum gramineum	N	.1	2		
F	Wurmbea dioeca	N	.1	2		
F	unidentified lily - (Chocolate)	N	1	200		
	~~Rhytidosperma - tome tussock tough~~					10
O	Desmodium varians	N	.1			
T	E. blackleyii	N	1	4		
	Fairy grass - Aira cupiana	E	.1	20		
T	Eucalyptus dives	N	.1	1		
G	small juncus	N	.1	5		
G	tough native grass (~~escaped~~)	N	.1	10		

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, ...

lichen abundant!

BAM Site – Field Survey Form

Site Sheet no:

		Survey Name	Zone ID	Recorders			
Date	24 10 18	Rivers Ck	Planted Veg	L Hamilton N Smith			
Zone	Datum	Plot ID	17	Plot dimensions	20 x 50	Photo #	
55	H						
Easting	Northing	IBRA region	SE Highlands Orange	Midline bearing from 0 m	187°		
694883	6286755						
Vegetation Class						Confidence: H M L	
Plant Community Type		Planted native PCT		EEC:		Confidence: H M L	

Record easting and northing at 0 m on midline. Dimensions (Shape) of 0.04 ha base plot.

BAM Attribute (400 m² plot)		Sum values
Count of Native Richness	Trees	2
	Shrubs	0
	Grasses etc.	0
	Forbs	0
	Ferns	0
	Other	0
Sum of Cover of native vascular plants by growth form group	Trees	11
	Shrubs	0
	Grasses etc.	0
	Forbs	0
	Ferns	0
	Other	0
High Threat Weed cover		0

BAM Attribute (1000 m² plot)		
DBH	# Tree Stems Count	# Stems with Hollows
80 + cm	–	–
50 – 79 cm	–	–
30 – 49 cm	4 (5)	–
20 – 29 cm	3 (5)	–
10 – 19 cm	2 (2)	–
5 – 9 cm	–	–
< 5 cm	–	n/a
Length of logs (m) (≥10 cm diameter, >50 cm in length)	–	

Counts apply when the **number of tree stems** within a size class is ≤ 10. Estimates can be used when > 10 (eg. 10, 20, 30 ... 100, 200, 300 ...). For a **multi-stemmed tree**, only the largest living stem is included in the count/estimate. **Tree stems must be living.**

For **hollows**, count only the presence of a stem containing hollows. For a **multi-stemmed tree**, only the largest stem is included in the count/estimate. **Stems may be dead and may be shrubs.**

BAM Attribute (1 x 1 m plots)	Litter cover (%)	Bare ground cover (%)	Cryptogam cover (%)	Rock cover (%)
Subplot score (% in each)	60, 0, 5, 5, 2	5, 0, 10, 0, 20	0, 0, 0, 0, 0	0, 0, 0, 0, 0
Average of the 5 subplots	14.4	7	0	0

Litter cover is assessed as the average percentage ground cover of litter recorded from five 1 m x 1 m plots centred at 5, 15, 25, 35, 45 m along the plot midline. Litter cover includes leaves, seeds, twigs, branchlets and branches (less than 10 cm in diameter). Assessors may also record the cover of rock, bare ground and cryptogams.

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

Morphological Type		Landform Element	hill / slope	Landform Pattern	Foot hills	Microrelief	
Lithology		Soil Surface Texture	clay loam	Soil Colour	Brown	Soil Depth	
Slope		Aspect	S	Site Drainage	E	Distance to nearest water and type	250 m gully channel

Plot Disturbance	Severity code	Age code	Observational evidence:
Clearing (inc. logging)	3	O	no woodland
Cultivation (inc. pasture)	2	R	improved pasture
Soil erosion	0		
Firewood / CWD removal	0		
Grazing (identify native/stock)	2	R	signs of stock, poop
Fire damage	0		
Storm damage	0		
Weediness	3		
Other			

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

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

exotic understory

Planted veg

400 m² plot: Sheet _ of _	Survey Name	Plot Identifier	Recorders
Date: 24 10 18	Flyers Creek	17	L Hamilton N Smith

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
T	Eucalyptus blakeleyi	N	6	2		
	Trifolium subterraneum	E				
	Cape weed Arctotheca calendula	E				
	barley grass Hordeum sp	E				
	Rye grass Lolium sp	E				
	Soft brome Bromus hordeaceus	E				
T	Eucalyptus rubida	N	5	1		
	Trifolium dubia	E				
	Erogrostis minor	E				
	Echium ~~plant~~ pattersons curse	E				

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, ...

BAM Site – Field Survey Form

Site Sheet no:

Survey Name	Zone ID	Recorders
Flyers Ck	1330_native	L Hamilton N Smith

Date	Zone	Datum	Plot ID	Plot dimensions	Photo #
24 10 18	55	H	18	20x50	

Easting	Northing	IBRA region	Midline bearing from 0 m
699796	6285146	SE Highlands Orange	162°

Vegetation Class		Confidence: H M L
Plant Community Type	1330_native	EEC: / Confidence: H M L

Record easting and northing at 0 m on midline. Dimensions (Shape) of 0.04 ha base plot.

BAM Attribute (400 m² plot)		Sum values
Count of Native Richness	Trees	1
	Shrubs	0
	Grasses etc.	3
	Forbs	7
	Ferns	0
	Other	1
Sum of Cover of native vascular plants by growth form group	Trees	8
	Shrubs	0
	Grasses etc.	5.6
	Forbs	0.7
	Ferns	0
	Other	0.1
High Threat Weed cover		0-2

BAM Attribute (1000 m² plot)		
DBH	# Tree Stems Count	# Stems with Hollows
80 + cm	—	—
50 – 79 cm	// (2)	/ (1)
30 – 49 cm	—	—
20 – 29 cm	—	—
10 – 19 cm	/ (1)	—
5 – 9 cm	/// (3)	—
< 5 cm	/// (3)	n/a
Length of logs (m) (≥10 cm diameter, >50 cm in length)	2.0, 2.0, 2.5, 2.5, 3.0 = (12) m	

Counts apply when the **number of tree stems** within a size class is ≤ 10. Estimates can be used when > 10 (eg. 10, 20, 30 ... 100, 200, 300 ...). For a **multi-stemmed tree**, only the largest living stem is included in the count/estimate. **Tree stems must be living.**

For **hollows**, count only the presence of a stem containing hollows. For a **multi-stemmed tree**, only the largest stem is included in the count/estimate. **Stems may be dead and may be shrubs.**

BAM Attribute (1 x 1 m plots)	Litter cover (%)	Bare ground cover (%)	Cryptogam cover (%)	Rock cover (%)
Subplot score (% in each)	15, 25, 55, 5, 25	0, 0, 0, 0, 0	0, 1, 0, 0, 0	0, 0, 0, 0, 0
Average of the 5 subplots	25	0	0.2	0

Litter cover is assessed as the average percentage ground cover of litter recorded from five 1 m x 1 m plots centred at 5, 15, 25, 35, 45 m along the plot midline. Litter cover includes leaves, seeds, twigs, branchlets and branches (less than 10 cm in diameter). Assessors may also record the cover of rock, bare ground and cryptogams.

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

Morphological Type		Landform Element	hill side	Landform Pattern	foot hills	Microrelief	
Lithology		Soil Surface Texture	clay loam	Soil Colour	brown	Soil Depth	
Slope		Aspect	S	Site Drainage	W	Distance to nearest water and type	

Plot Disturbance	Severity code	Age code	Observational evidence:
Clearing (inc. logging)	2	O	Inlate roadside woodland close by
Cultivation (inc. pasture)	0		
Soil erosion	0		
Firewood / CWD removal	0		
Grazing (identify native/stock)	1	R	Stock dung
Fire damage	0		
Storm damage	0		
Weediness	2		
Other			

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

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

400 m² plot: Sheet _ of _	Survey Name	Plot Identifier	Recorders
Date 24 10 16	Flyers Creek	18	L Hamilton N Smith

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
	Sweet vernal grass Anthoxanthum odora	F	60	5000		
F	bulbine lily Bulbine bulbosa	N	.1	30		
	hypochaeris radicata	E	.1	20		
F	Unidentified lily	N	.1	1		
	Cocksfoot	F	1			
G	Poa labilliardiae	N	5			
T	Broadleaved peppermint Eucalyptus dive	N	8	5		
	Trifolium subterraneum	E	.5	100		
	onion grass Romulea	HTE	.1			
	Fairy grass Silvery Aira	E	.1	20		
	St Johns wort exotic - perforatum	HTE	.1	5		
F	Hill fine weed Senecio quadridentatus	N	.1	1		
F	Sheeps burr Acaena echinata	N	.1	30		
F	native geranium Solanden	N	.1	10		
F	Rumex brownii	N	.1	1		
	Rye grass Lolium sp	E	1			
G	Juncus sp	N	.1	5		
	Trachypogon - onion weed	E	5	50		
	sheeps sorrel Acetosella vulgaris	E	.1	30		
	Wild Oats Avena fatua	E	5			
	Vulpia sp	E	.5			
F	Oxalis perennans	N	.1			
	Yorkshire fog grass	E	.5			
	Barley grass					
	soft brome Bromus hordeaceus	E	.1			
G	Lomandra filiformis	N	.5	500		
	Great brome Bromus diandrus	HTE				
O	Tarvine Desmodium varians	N	.1	4		

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, ...

BAM Site – Field Survey Form

Site Sheet no:

		Survey Name	Zone ID	Recorders			
Date	25 10 18	Flyers Ck	277_native	L Hamilton N Smith			
Zone	Datum	Plot ID	19	Plot dimensions	20x50	Photo #	
55	H						
Easting	Northing	IBRA region	SE Highlands Orange.	Midline bearing from 0 m	323°		
691690	6288812						
Vegetation Class						Confidence: H M L	
Plant Community Type		277_native.		EEC:		Confidence: H M L	

Record easting and northing at 0 m on midline. Dimensions (Shape) of 0.04 ha base plot.

BAM Attribute (400 m² plot)		Sum values
Count of Native Richness	Trees	1
	Shrubs	0
	Grasses etc.	23
	Forbs	2
	Ferns	0
	Other	0
Sum of Cover of native vascular plants by growth form group	Trees	25
	Shrubs	0
	Grasses etc.	5.3
	Forbs	.2
	Ferns	0
	Other	0
High Threat Weed cover		0

BAM Attribute (1000 m² plot)		
DBH	# Tree Stems Count	# Stems with Hollows
80 + cm	11 (2)	—
50 – 79 cm	1 (1)	—
30 – 49 cm	—	—
20 – 29 cm	—	—
10 – 19 cm	—	—
5 – 9 cm	—	—
< 5 cm	—	n/a
Length of logs (m) (≥10 cm diameter, >50 cm in length)	1.0, 4.0 = (5.0)	

Counts apply when the **number of tree stems** within a size class is ≤ 10. Estimates can be used when > 10 (eg. 10, 20, 30 ... 100, 200, 300 ...). For a **multi-stemmed tree**, only the largest living stem is included in the count/estimate. **Tree stems must be living.**

For **hollows**, count only the presence of a stem containing hollows. For a **multi-stemmed tree**, only the largest stem is included in the count/estimate. **Stems may be dead and may be shrubs.**

BAM Attribute (1 x 1 m plots)	Litter cover (%)					Bare ground cover (%)					Cryptogam cover (%)					Rock cover (%)				
Subplot score (% in each)	40	1	8	60	70	15	99	55	15	0	0	0	0	0	0	0	0	15	10	25
Average of the 5 subplots	35.8					36.8					0					10				

Litter cover is assessed as the average percentage ground cover of litter recorded from five 1 m x 1 m plots centred at 5, 15, 25, 35, 45 m along the plot midline. Litter cover includes leaves, seeds, twigs, branchlets and branches (less than 10 cm in diameter). Assessors may also record the cover of rock, bare ground and cryptogams.

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

Morphological Type		Landform Element	hilltop	Landform Pattern	Foothills	Microrelief	
Lithology		Soil Surface Texture	loam	Soil Colour	Red-brown	Soil Depth	
Slope	W	Aspect	N	Site Drainage	W	Distance to nearest water and type	

Plot Disturbance	Severity code	Age code	Observational evidence:
Clearing (inc. logging)	2	O	Remnant surrounding woodland
Cultivation (inc. pasture)	1		
Soil erosion	2	R	wind removal of top soil, sheet wash
Firewood / CWD removal			
Grazing (identify native/stock)	2	R	dung.
Fire damage			
Storm damage			
Weediness	1		
Other			

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

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

277_native

400 m² plot: Sheet _ of _	Survey Name	Plot Identifier	Recorders
Date 25 10 18	Byers Ck	19	L Hamilton N Smith

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
T	Eucalyptus melliodora	N	25	3		
	Barley grass	E	20	1000		
	thistle-like variegated	E	.1	3		
	Exotic stinging nettle Urtica dioica	E	.1	4		
	Centaury species	E	.1	5		
	Cape weed Arctotheca calendula	E	25	2000		
	Rye grass Lolium sp	E	.2	300		
G	Austrostipa Scabra	N	5	200		
~~BAG~~ G	Eragrostis — sp. unidentified	N	.2	100		
F	Rumex brownii	N	.1	15		
	subterranean clover	E	.1	20		
F	forb with button flowers Calotis austral	N	.1	20		
	Sweet vernal grass	E	.1	10		
	Geranium molle	E	.1	5		
G	Rhytidosperma. small fluffy	N	.1	30		

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, ...

BAM Site – Field Survey Form

Site Sheet no:

		Survey Name	Zone ID	Recorders			
Date	25 10 18	Flyers Ck	277 exotic	L Hamilton N Smith			
Zone: 55	Datum: 94	Plot ID	20	Plot dimensions	20x50	Photo #	
Easting: _____	Northing: _____	IBRA region	SE Highlands Orange.	Midline bearing from 0 m	149°		
Vegetation Class						Confidence: H M L	
Plant Community Type		277_exotic		EEC:		Confidence: H M L	

Record easting and northing at 0 m on midline. Dimensions (Shape) of 0.04 ha base plot.

BAM Attribute (400 m² plot)		Sum values
Count of Native Richness	Trees	1
	Shrubs	0
	Grasses etc.	1
	Forbs	1
	Ferns	
	Other	1
Sum of Cover of native vascular plants by growth form group	Trees	25
	Shrubs	0
	Grasses etc.	.1
	Forbs	.1
	Ferns	0
	Other	.1
High Threat Weed cover		0

BAM Attribute (1000 m² plot)		
DBH	# Tree Stems Count	# Stems with Hollows
80 + cm	1 (1)	—
50 – 79 cm	1 (1)	—
30 – 49 cm	—	—
20 – 29 cm	—	—
10 – 19 cm	—	—
5 – 9 cm	—	—
< 5 cm	—	n/a
Length of logs (m) (≥10 cm diameter, >50 cm in length)	2.0, 1.5, 3.0, 1.5, 2.5, 6.0, 1.5, 4.5, 4.0, 5.0, 1.5, 2.5, 7.0 = (42.5) m	

Counts apply when the **number of tree stems** within a size class is ≤ 10. Estimates can be used when > 10 (eg. 10 20. 30 100 200. 300). For a **multi-stemmed tree**, only the largest living stem is included in the count/estimate. **Tree stems must be living.**

For **hollows**, count only the presence of a stem containing hollows. For a **multi-stemmed tree**, only the largest stem is included in the count/estimate. **Stems may be dead and may be shrubs.**

BAM Attribute (1 x 1 m plots)	Litter cover (%)	Bare ground cover (%)	Cryptogam cover (%)	Rock cover (%)
Subplot score (% in each)	2 0.5 0.1 5 2	96 94 50 85 2	0 0 0 0 0	2 5 0 0 0
Average of the 5 subplots	1.92	65.4	0	1.4

Litter cover is assessed as the average percentage ground cover of litter recorded from five 1 m x 1 m plots centred at 5, 15, 25, 35, 45 m along the plot midline. Litter cover includes leaves, seeds, twigs, branchlets and branches (less than 10 cm in diameter). Assessors may also record the cover of rock, bare ground and cryptogams.

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

Morphological Type		Landform Element	hill top	Landform Pattern	Foothill	Microrelief	
Lithology		Soil Surface Texture	loam	Soil Colour	dark brown	Soil Depth	
Slope		Aspect	SE	Site Drainage	S	Distance to nearest water and type	

Plot Disturbance	Severity code	Age code	Observational evidence:
Clearing (inc. logging)	3	O	Remaining paddock trees + stumps
Cultivation (inc. pasture)	2	O	pasture, improved
Soil erosion	1	R	clear areas on hilltop
Firewood / CWD removal			
Grazing (identify native/stock)	3	R	Sheep sighting + dung.
Fire damage			
Storm damage			
Weediness	3		exotic
Other			

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

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

277- exotic

400 m² plot: Sheet _ of _	Survey Name	Plot Identifier	Recorders
Date 25 10 18	Figtree Ck	20	L Hamilton N Smith

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
	sheeps sorrell Acetosella vulgaris	E	.1	1		
	Variegated thistle Silybum marianum	E	.1	5		
	Cape weed Arctotheca calendula	E	.2	100		
	Barley grass Hordeum sp.	E	5			
G	Rhytidosperma tallerup	N	.1	2		
F	Rumex brownii	N	.1	5		
T	Eucalyptus melliodora	N	25	1		
	~~Exotic fruit tree~~	—	+			pic
	Exotic nettle Urtica dioica	E	.1	5		
O	~~Sub~~ Mistletoe - understorey.		.1	1		
	~~Medicago sp~~		+			

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, ...

BAM Site – Field Survey Form

Site Sheet no:

		Survey Name	Zone ID	Recorders			
Date	25 10 19	Flyers Creek	DG_Low	L Hamilton N Smith.			
Zone: 55	Datum: H	Plot ID	21	Plot dimensions	20x50	Photo #	
Easting: 692022	Northing: 6289370	IBRA region	SEH	Midline bearing from 0 m	347°		
Vegetation Class						Confidence: H M L	
Plant Community Type	797 Dwarf grassland_low			EEC:		Confidence: H M L	

Record easting and northing at 0 m on midline. Dimensions (Shape) of 0.04 ha base plot.

BAM Attribute (400 m² plot)		Sum values
Count of Native Richness	Trees	0
	Shrubs	0
	Grasses etc.	2
	Forbs	1
	Ferns	6
	Other	0
Sum of Cover of native vascular plants by growth form group	Trees	0
	Shrubs	0
	Grasses etc.	15.1
	Forbs	.1
	Ferns	0
	Other	0
High Threat Weed cover		.1

BAM Attribute (1000 m² plot)		
DBH	# Tree Stems Count	# Stems with Hollows
80 + cm	—	—
50 – 79 cm	—	—
30 – 49 cm	—	—
20 – 29 cm	—	—
10 – 19 cm	—	—
5 – 9 cm	—	—
< 5 cm	—	n/a
Length of logs (m) (≥10 cm diameter, >50 cm in length)	—	

Counts apply when the **number of tree stems** within a size class is ≤ 10. Estimates can be used when > 10 (eg. 10, 20, 30 ... 100, 200, 300 ...). For a **multi-stemmed tree**, only the largest living stem is included in the count/estimate. **Tree stems must be living.**

For **hollows**, count only the presence of a stem containing hollows. For a **multi-stemmed tree**, only the largest stem is included in the count/estimate. **Stems may be dead and may be shrubs.**

BAM Attribute (1 x 1 m plots)	Litter cover (%)	Bare ground cover (%)	Cryptogam cover (%)	Rock cover (%)
Subplot score (% in each)	0 0 1 0 3	12 25 8 6 3	0 0 0 0 0	0 5 55 0 1
Average of the 5 subplots	0.8	10.8	0	12.2

Litter cover is assessed as the average percentage ground cover of litter recorded from five 1 m x 1 m plots centred at 5, 15, 25, 35, 45 m along the plot midline. Litter cover includes leaves, seeds, twigs, branchlets and branches (less than 10 cm in diameter). Assessors may also record the cover of rock, bare ground and cryptogams.

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

Morphological Type		Landform Element	hill slope	Landform Pattern	Foot hills	Microrelief	
Lithology		Soil Surface Texture	clay loam	Soil Colour	brown	Soil Depth	
Slope		Aspect	NW	Site Drainage	NW	Distance to nearest water and type	500m creek

Plot Disturbance	Severity code	Age code	Observational evidence:
Clearing (inc. logging)	3	O	Remaining paddock trees & stumps.
Cultivation (inc. pasture)	0		
Soil erosion	1		Topsoil loss where exposed
Firewood / CWD removal			
Grazing (identify native/stock)	2	R	Dung
Fire damage			
Storm damage			
Weediness			
Other	2		

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

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

400 m² plot: Sheet _ of _	Survey Name	Plot Identifier	Recorders
Date: 25 10 18	Flyers Creek	21	L Hamilton N Smith

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
G	Austrostipa scabra	N	15	500		
	barley grass	E	20			
	Cape weed	E	20			
	Soft brome	E	.1			
	Trifolium dubia	E	10			
	Stone crop - 3 part	E	.1	10		
	subterranean clover	E	10			
	Eragrostis	E	.5			
	Great brome, Bromus diandrus	HTE	.1			
	pink velvet - Petrorhagia dubia	E	.1	2		
	exotic evadium Erodium betrys	E	.1	20		
F	Rumex brownii	N	.1	10		
	Rye grass Lolium sp	E	.2			
G	Rhytidosperma - small-flo ~~wed~~	N	.1	50		
	Phalaris or ~~sweet vernal~~	E	5	50		
	Sheeps sorrel Acetosella	E	.1	10		
	~~native flat weed~~ Hypochaeris radicata	E	.1	1		
	Patersons curse Echium plantagineum	E	.1	1		

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, ...

BAM Site – Field Survey Form

Site Sheet no:

		Survey Name	Zone ID	Recorders			
Date	25 10 18	Flyers Ck	277_native	L Hamilton N Smith			
Zone 55	Datum H	Plot ID	22	Plot dimensions	20x50	Photo #	
Easting _ _ _ _ _	Northing _ _ _ _ _ _ _	IBRA region	Sethonds Orange	Midline bearing from 0 m	274°		
Vegetation Class						Confidence: H M L	
Plant Community Type	277_native.			EEC:		Confidence: H M L	

Record easting and northing at 0 m on midline. Dimensions (Shape) of 0.04 ha base plot

BAM Attribute (400 m² plot)		Sum values
Count of Native Richness	Trees	2
	Shrubs	0
	Grasses etc.	4
	Forbs	3
	Ferns	0
	Other	0
Sum of Cover of native vascular plants by growth form group	Trees	40
	Shrubs	0
	Grasses etc.	6.1
	Forbs	0.3
	Ferns	0
	Other	0
High Threat Weed cover		.2

BAM Attribute (1000 m² plot)		
DBH	# Tree Stems Count	# Stems with Hollows
80 + cm	11 (2)	—
50 – 79 cm	11 (2)	—
30 – 49 cm	—	—
20 – 29 cm	—	—
10 – 19 cm	—	—
5 – 9 cm	—	—
< 5 cm	—	n/a
Length of logs (m) (≥10 cm diameter, >50 cm in length)	4.0, 0.8 = (4.8) m	

Counts apply when the **number of tree stems** within a size class is ≤ 10. Estimates can be used when > 10 (eg. 10, 20, 30 , 100, 200, 300). For a **multi-stemmed tree**, only the largest living stem is included in the count/estimate. **Tree stems must be living.**

For **hollows**, count only the presence of a stem containing hollows. For a **multi-stemmed tree**, only the largest stem is included in the count/estimate. **Stems may be dead and may be shrubs.**

BAM Attribute (1 x 1 m plots)	Litter cover (%)					Bare ground cover (%)					Cryptogam cover (%)					Rock cover (%)				
Subplot score (% in each)	0.1	5	0.5	50	5	85	5	35	20	10	0	0	0	0	0	0	0	1	0	0
Average of the 5 subplots	12.12					31					0					0.2				

Litter cover is assessed as the average percentage ground cover of litter recorded from five 1 m x 1 m plots centred at 5, 15, 25, 35, 45 m along the plot midline. Litter cover includes leaves, seeds, twigs, branchlets and branches (less than 10 cm in diameter). Assessors may also record the cover of rock, bare ground and cryptogams.

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

Morphological Type		Landform Element	hill top	Landform Pattern	Foothills	Microrelief	
Lithology	Granite	Soil Surface Texture	Clay	Soil Colour	light red	Soil Depth	
Slope		Aspect	W	Site Drainage	SW	Distance to nearest water and type	300 m Dam

Plot Disturbance	Severity code	Age code	Observational evidence:
Clearing (inc. logging)	5	O	Remaining trees + stumps
Cultivation (inc. pasture)	0		
Soil erosion	2	NR	topsoil loss around vegetated areas
Firewood / CWD removal			
Grazing (identify native/stock)	1	R	dung
Fire damage			
Storm damage			
Weediness	1		
Other			

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

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

277- natives

400 m² plot: Sheet _ of _	Survey Name	Plot Identifier	Recorders
Date: 25 10 18	Flyers Creek	22	L Hamilton N Smith

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
G	Austrostipa scabra	N	2	200		
F	Rumex brownii	N	.1	820		
T	Yellow box E. melliodora	N	25	2		
T	Eucalyptus gonocalyx	N	15	1		
	Spikey forb (rosette) exotic Cirsium	E	.1	10		
G	Rhytidosperma- small	N	3			
	Onion grass	HTE	.1			
F	Oxalis perennans	N	.1	50		
	Cape weed Arctotheca calendula	E	.1	40		
	~~native~~ Flat weed — Hypochaeris radicata small	E	.1	2		
	Saffron thistle	HTE	.1	1		
	~~Rhytidosperma tall~~					
G	Sedge small like umbrella-unidentified	N	.1	15		
	Rye grass Lolium	E	.1	50		
F	~~gallium forb tiny~~ Galium sp. ~~Sherardia arvensis~~	N	.1	20		
	barley grass Hordeum sp	E	.5	150	200	
	soft brome Bromus hordeaceaus	E	.1	40		
	feild madder Sherardia arvensis	E	.1	5		
G	Rhytidosperma sp	N	1	50		
	Scotch thistle rosette	E	0.1	3		
	Erroglostis minor	E	0.1	5		

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, ...

BAM Site – Field Survey Form

Site Sheet no:

		Survey Name	Zone ID	Recorders			
Date	25 10 18	Flyers Ck	797 ~~Tall~~ Wood	L Hamilton N Smith			
Zone: 55	Datum: H	Plot ID	23	Plot dimensions	20x50	Photo #	
Easting: 689342	Northing: 6288462	IBRA region	SE Highlands Orange	Midline bearing from 0 m	332°		
Vegetation Class						Confidence: H M L	
Plant Community Type	797_ ~~Tall~~ Wood			EEC:		Confidence: H M L	

Record easting and northing at 0 m on midline. Dimensions (Shape) of 0.04 ha base plot

BAM Attribute (400 m² plot)		Sum values
Count of Native Richness	Trees	0
	Shrubs	0
	Grasses etc.	6
	Forbs	10
	Ferns	0
	Other	0
Sum of Cover of native vascular plants by growth form group	Trees	0
	Shrubs	0
	Grasses etc.	3.2
	Forbs	0.91
	Ferns	0
	Other	0
High Threat Weed cover		0.6

BAM Attribute (1000 m² plot)		
DBH	# Tree Stems Count	# Stems with Hollows
80 + cm	—	—
50 – 79 cm	—	—
30 – 49 cm	—	—
20 – 29 cm	—	—
10 – 19 cm	—	—
5 – 9 cm	—	—
< 5 cm	—	n/a
Length of logs (m) (≥10 cm diameter, >50 cm in length)	—	

Counts apply when the **number of tree stems** within a size class is ≤ 10. Estimates can be used when > 10 (eg. 10, 20, 30 , 100, 200, 300). For a **multi-stemmed tree**, only the largest living stem is included in the count/estimate. **Tree stems must be living.**

For **hollows**, count only the presence of a stem containing hollows. For a **multi-stemmed tree**, only the largest stem is included in the count/estimate. **Stems may be dead and may be shrubs.**

BAM Attribute (1 x 1 m plots)	Litter cover (%)	Bare ground cover (%)	Cryptogam cover (%)	Rock cover (%)
Subplot score (% in each)	0 0 0 0 0	5 20 10 15 10	0 0 0 0 0	0 0 0 0 12
Average of the 5 subplots	0	12	0	2.4

Litter cover is assessed as the average percentage ground cover of litter recorded from five 1 m x 1 m plots centred at 5, 15, 25, 35, 45 m along the plot midline. Litter cover includes leaves, seeds, twigs, branchlets and branches (less than 10 cm in diameter). Assessors may also record the cover of rock, bare ground and cryptogams.

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

Morphological Type		Landform Element	hill top slope	Landform Pattern	Foot hills	Microrelief	
Lithology	Granite	Soil Surface Texture	Clay	Soil Colour	Red brown	Soil Depth	
Slope		Aspect	NW	Site Drainage	W	Distance to nearest water and type	

Plot Disturbance	Severity code	Age code	Observational evidence:
Clearing (inc. logging)	3	O	Stumps left in landscape
Cultivation (inc. pasture)	0		
Soil erosion	2	R	erosion on uncovered areas
Firewood / CWD removal	0		
Grazing (identify native/stock)	2	R	sheep in paddock.
Fire damage			
Storm damage			
Weediness	2		
Other			

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

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

DG – ~~Low~~ Good

400 m² plot: Sheet _ of _		Survey Name	Plot Identifier	Recorders
Date	25 10 18	Flyers Creek	23	L Hamilton N Smith

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
F	Whalembergia small	N	.1	200		
G	Rhyndosperma small	N	1	1		
	▷ Saffron Thistle Carthamus lanatus	HTE	.5	300		
G	Austrostipa scabra	N	1	300		
F	Enaidia nutans	N	.1	1		
F	Oxalis perennans	N	.1	1		
	Erodium lockalike sp. exotic	E	.1	50		
G	▷ small umbrella sedge Carex inversa	N	M.5	300		
F	Kidney weed lockalike Dichondra repens	N	.1	20		
	Sedum caespitosum	E	.1	10		
	Trifolium dubia	E	10			
	Trifolium subterraneum	E	1			
	~~sedge/grass~~	—	—	—		
F	Rumex brownii	N	.1	1		
F	dark green leaved forb_unidentified	N	.1	2		
	~~native~~ flatweed- Hypochaeris radicata	E	.1	3		
F	Caustic weed Euphorbia drummondii	N	.1	2		
F	Smooth green rosette Solenogyne dominii	N	.1			
G	native wheat grass Anthosachne scabra	N	.5	20		
	▷ Vulpia sp.	E	5	100		
	Cape weed Arctotheca calendula	E	.1	100		
F	small fluffy yellow forb Helipterum australe	N	.1	20		
	Soft brome Bromus hordeaceus	E	.1	50		
	Onion grass Romulea	HTE	.1	50		
	Medic	E	.1			
	horesfoot clover	E	.1			
G	Lomandra filiformis	N	.1	10		
F	green sprawling forb_unidentified	N	.1	1		
	barley grass, Hordeceaus sp.	E	1			
	Exotic stone crop- 3 spp.	E	.1	15		
G	Rhysidosperma-2 tuf	N	.5			
	Pink velvet Petrorhagia dubia	E	.1	2		

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, ...

BAM Site – Field Survey Form

Site Sheet no:

		Survey Name	Zone ID	Recorders			
Date	26 10 18	Flyers Ck	26b-Exotic	L Hamilton N Smith			
Zone 55	Datum H	Plot ID	24	Plot dimensions	20x50	Photo #	
Easting 689951	Northing 6282657	IBRA region	SE Highlands Orange	Midline bearing from 0 m	14|°		
Vegetation Class						Confidence: H M L	
Plant Community Type	26b exotic understory			EEC:		Confidence: H M L	

Record easting and northing at 0 m on midline. Dimensions (Shape) of 0.04 ha base plot

BAM Attribute (400 m² plot)		Sum values
Count of Native Richness	Trees	1
	Shrubs	
	Grasses etc.	
	Forbs	1
	Ferns	
	Other	
Sum of Cover of native vascular plants by growth form group	Trees	6
	Shrubs	
	Grasses etc.	
	Forbs	.1
	Ferns	
	Other	
High Threat Weed cover		5

BAM Attribute (1000 m² plot)		
DBH	# Tree Stems Count	# Stems with Hollows
80 + cm	1 (1)	1 (1)
50 – 79 cm	11 (2)	1 (1)
30 – 49 cm	1 (1)	—
20 – 29 cm	—	—
10 – 19 cm	—	—
5 – 9 cm	—	—
< 5 cm	—	n/a
Length of logs (m) (≥10 cm diameter, >50 cm in length)	2.0, 3.0, 1.5, 1.5 = (8)	

Counts apply when the **number of tree stems** within a size class is ≤ 10. Estimates can be used when > 10 (eg. 10, 20, 30 ... 100, 200, 300 ...). For a **multi-stemmed tree**, only the largest living stem is included in the count/estimate. **Tree stems must be living.**

For **hollows**, count only the presence of a stem containing hollows. For a **multi-stemmed tree**, only the largest stem is included in the count/estimate. **Stems may be dead and may be shrubs.**

BAM Attribute (1 x 1 m plots)	Litter cover (%)	Bare ground cover (%)	Cryptogam cover (%)	Rock cover (%)
Subplot score (% in each)	0 2 0 1 0	1 5 1 0 0	0 0 0 0 0	0 0 0 0 1
Average of the 5 subplots	0.8	1.4	0	0.2

Litter cover is assessed as the average percentage ground cover of litter recorded from five 1 m x 1 m plots centred at 5, 15, 25, 35, 45 m along the plot midline. Litter cover includes leaves, seeds, twigs, branchlets and branches (less than 10 cm in diameter). Assessors may also record the cover of rock, bare ground and cryptogams.

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

Morphological Type		Landform Element	hill top	Landform Pattern	foothills	Microrelief	
Lithology		Soil Surface Texture	clay loam	Soil Colour	Red	Soil Depth	
Slope		Aspect	SW	Site Drainage	SW	Distance to nearest water and type	800m Farm Dam

Plot Disturbance	Severity code	Age code	Observational evidence:
Clearing (inc. logging)	3	O	Stumps, Remaining paddock trees
Cultivation (inc. pasture)	0		
Soil erosion	0		
Firewood / CWD removal	0		
Grazing (identify native/stock)	2	NR	Cow dung
Fire damage			
Storm damage			
Weediness	3	R	exotic plot - understorey
Other			

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

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

266 - exotic

400 m² plot: Sheet _ of _	Survey Name	Plot Identifier	Recorders
Date 26 10 16	Flyers Creek	24	N Smith L Hamilton

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
T	Eucalyptus albens	N	6	2		
	Exotic evodium petrys	E	.1	100		
	small flowered mallow Modiola	E	.1	100		
	Pattersons curse Echium	E	.5	500		
F	Pinebus - unidentified	N	.1	20		
	lucern Medicago sativa	E	.5			
	Rye grass Lolium sp	E	10			
	Hordeum sp	E	80			
	Great Brome Bromus diandrus	HTE	5			
	Wire weed? polygonum aviculare sp	E				
	Wild Oats ppl Avena fatua	E	.5			

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, ...

lots of stags birds nesting

BAM Site – Field Survey Form

Site Sheet no:

		Survey Name	Zone ID	Recorders			
Date	26 10 18	Flyers Ck	266 exotic	L Hamilton N Smith			
Zone 55	Datum H	Plot ID	25	Plot dimensions	20x50	Photo #	
Easting 690444	Northing 6283505	IBRA region	SE Highlands Orange	Midline bearing from 0 m	349°		
Vegetation Class						Confidence: H M L	
Plant Community Type	266 exotic			EEC:		Confidence: H M L	

Record easting and northing at 0 m on midline. Dimensions (Shape) of 0.04 ha base plot

BAM Attribute (400 m² plot)		Sum values
Count of Native Richness	Trees	1
	Shrubs	0
	Grasses etc.	2
	Forbs	1
	Ferns	0
	Other	0
Sum of Cover of native vascular plants by growth form group	Trees	10
	Shrubs	0
	Grasses etc.	.2
	Forbs	.1
	Ferns	0
	Other	0
High Threat Weed cover		5.1

BAM Attribute (1000 m² plot)		
DBH	# Tree Stems Count	# Stems with Hollows
80 + cm	//// // (4)	// (2)
50 – 79 cm	/ (1)	/ (1)
30 – 49 cm	—	—
20 – 29 cm	—	—
10 – 19 cm	—	—
5 – 9 cm	—	—
< 5 cm	—	n/a
Length of logs (m) (≥10 cm diameter, >50 cm in length)	1.5, 2.0, 2 0, 1.2, 3.5, 1.1, 1.2, 3.0, 5.0 = (4.1) m	

Counts apply when the **number of tree stems** within a size class is ≤ 10. Estimates can be used when > 10 (eg. 10, 20, 30 ... 100, 200, 300 ...). For a **multi-stemmed tree**, only the largest living stem is included in the count/estimate. **Tree stems must be living.**

For **hollows**, count only the presence of a stem containing hollows. For a **multi-stemmed tree**, only the largest stem is included in the count/estimate. **Stems may be dead and may be shrubs.**

BAM Attribute (1 x 1 m plots)	Litter cover (%)	Bare ground cover (%)	Cryptogam cover (%)	Rock cover (%)
Subplot score (% in each)	1 2 5 3 5	0 0 0 0 0	0 0 0 0 0	0 10 5 0 1
Average of the 5 subplots	3.2	0	0	3.2

Litter cover is assessed as the average percentage ground cover of litter recorded from five 1 m x 1 m plots centred at 5, 15, 25, 35, 45 m along the plot midline. Litter cover includes leaves, seeds, twigs, branchlets and branches (less than 10 cm in diameter). Assessors may also record the cover of rock, bare ground and cryptogams.

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

Morphological Type		Landform Element	hill/slope	Landform Pattern	Foothills	Microrelief	
Lithology		Soil Surface Texture	Clay	Soil Colour	Red	Soil Depth	
Slope		Aspect	N	Site Drainage	W	Distance to nearest water and type	500m to gully Ck

Plot Disturbance	Severity code	Age code	Observational evidence:
Clearing (inc. logging)	2	O	stumps,
Cultivation (inc. pasture)	0		
Soil erosion	0		
Firewood / CWD removal	0		
Grazing (identify native/stock)	2	R	dung, grazed grasses.
Fire damage	0		
Storm damage	0		
Weediness	3	R	exotic understorey.
Other			

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

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