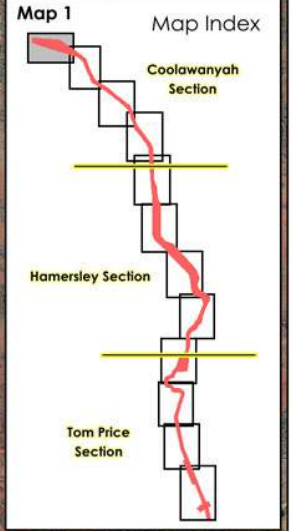
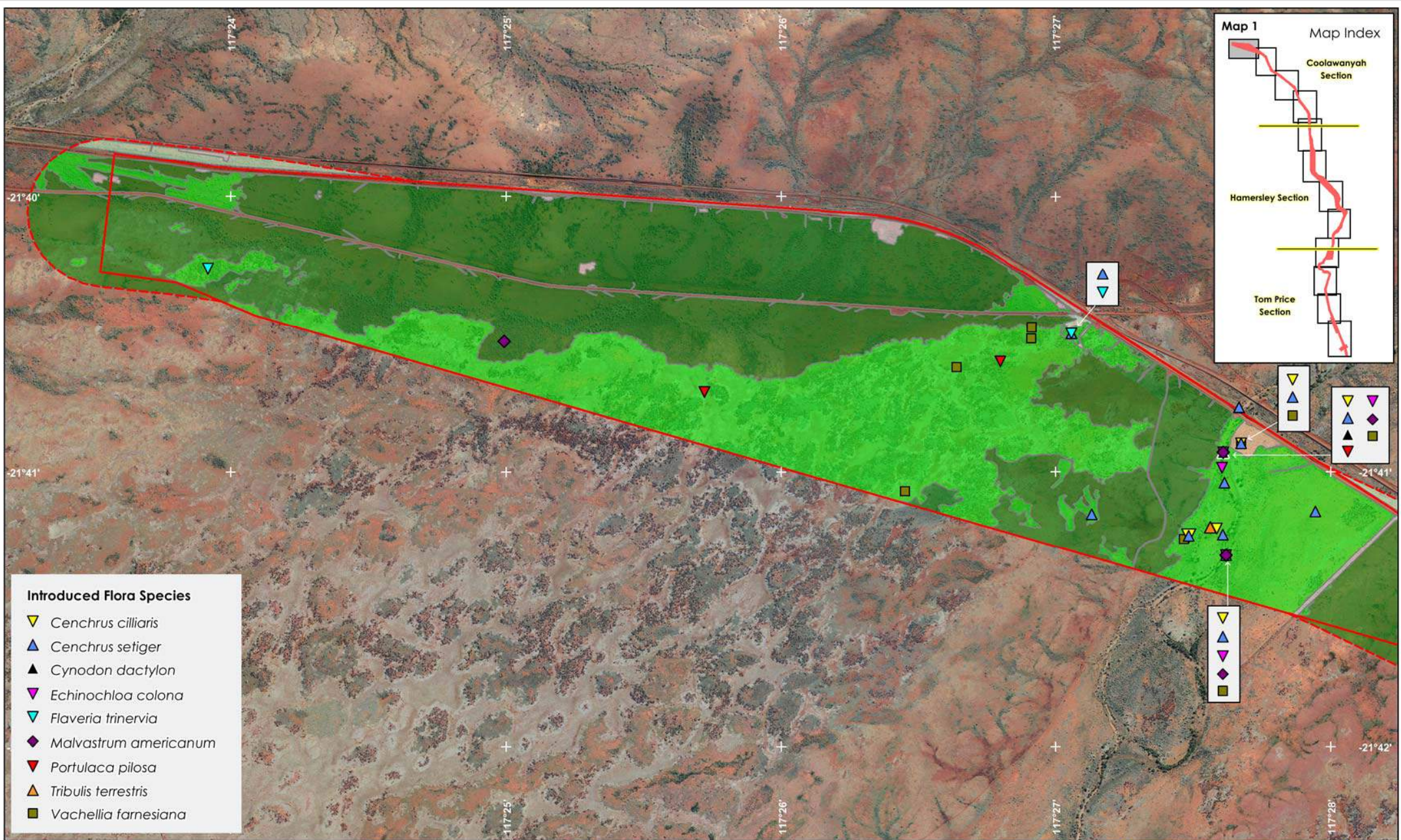


## Appendix 7

# Mapping of Vegetation Condition and Weeds





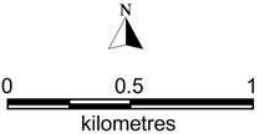
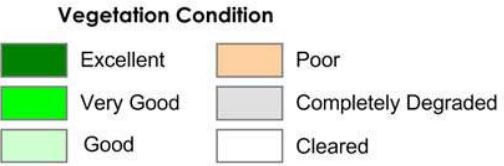


**Introduced Flora Species**

- ▼ *Cenchrus ciliaris*
- ▲ *Cenchrus setiger*
- ▲ *Cynodon dactylon*
- ▼ *Echinochloa colona*
- ▼ *Flaveria trinervia*
- ◆ *Malvastrum americanum*
- ▼ *Portulaca pilosa*
- ▲ *Tribulis terrestris*
- *Vachellia farnesiana*

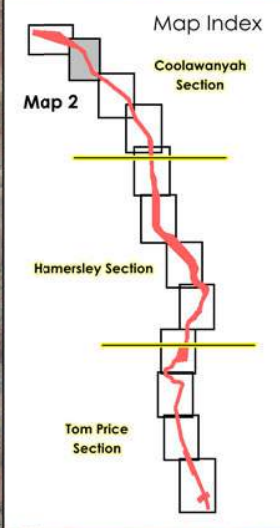
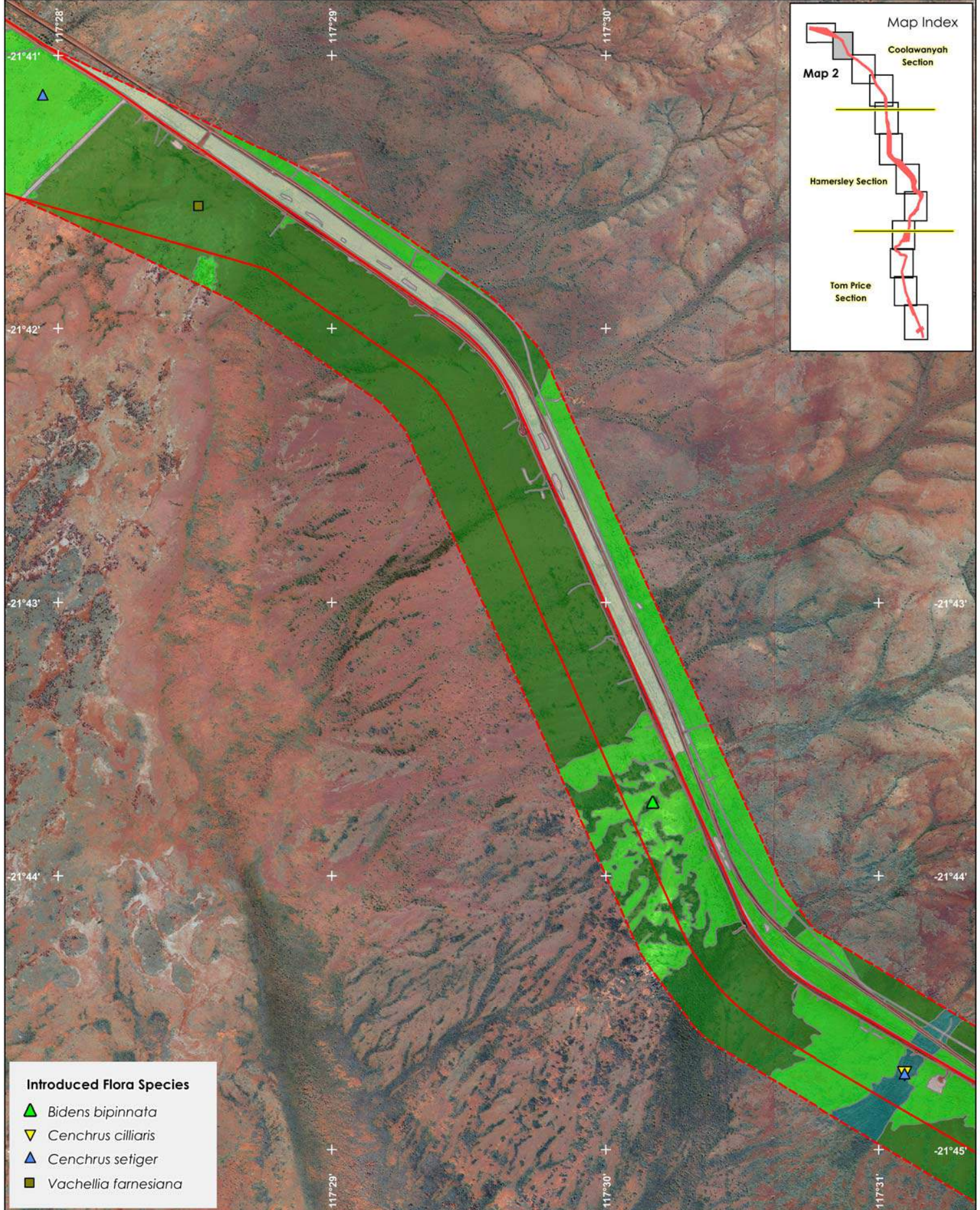


- Survey area
- Contextual area

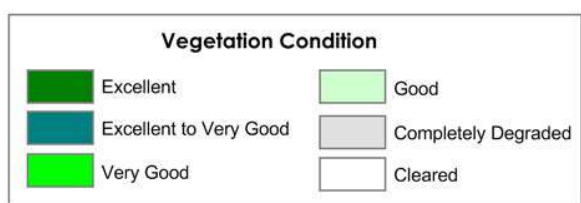
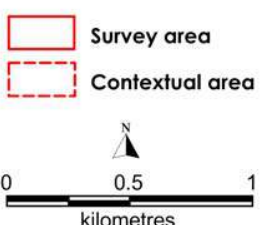


**Manuwarra Red Dog Highway Stage 4 - Vegetation Condition and Weeds - Map 1**



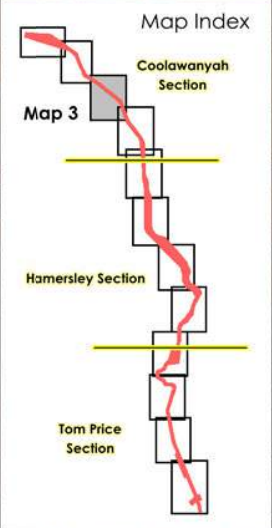
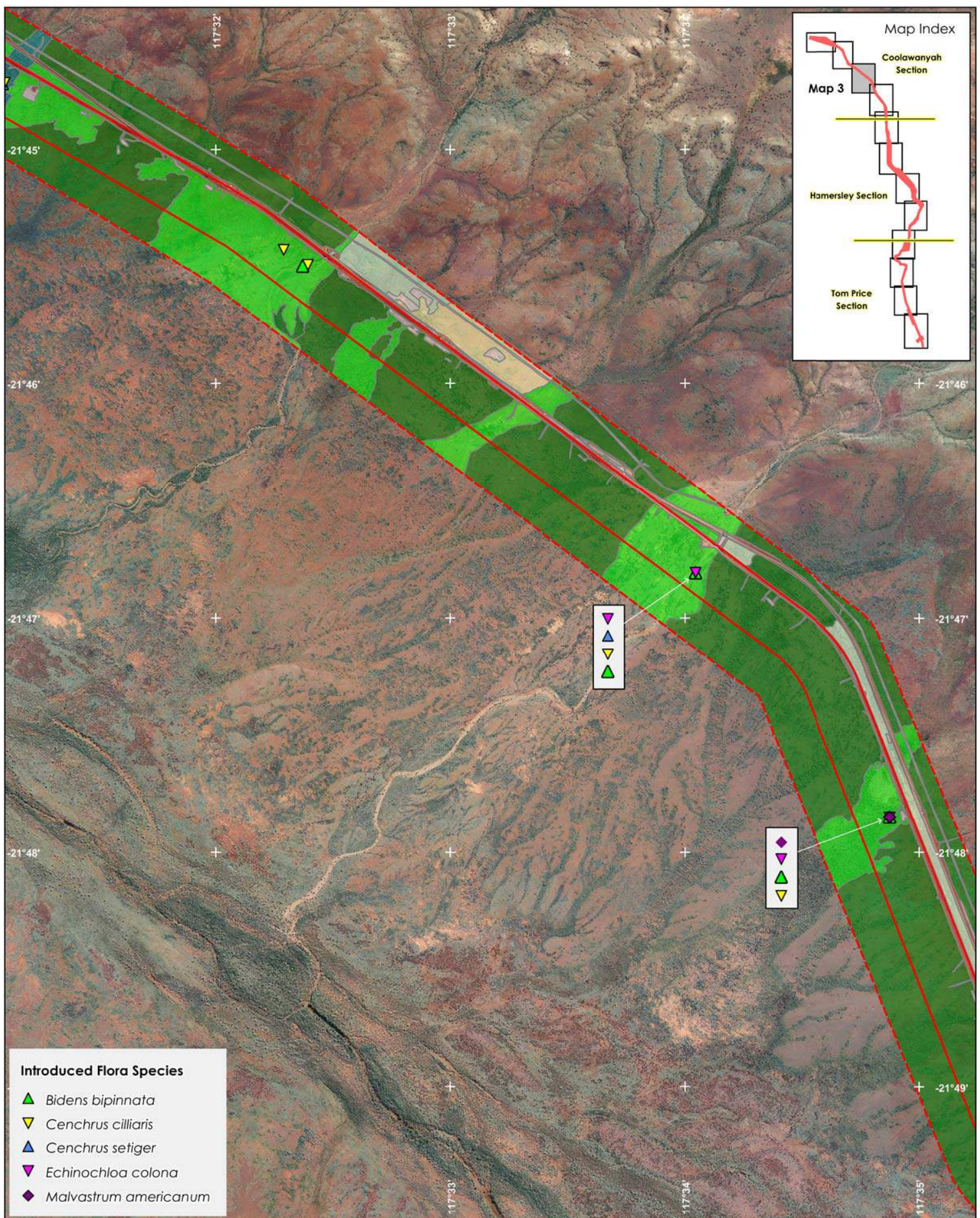


- Introduced Flora Species**
- ▲ *Bidens bipinnata*
  - ▼ *Cenchrus ciliaris*
  - ▲ *Cenchrus setiger*
  - *Vachellia farnesiana*

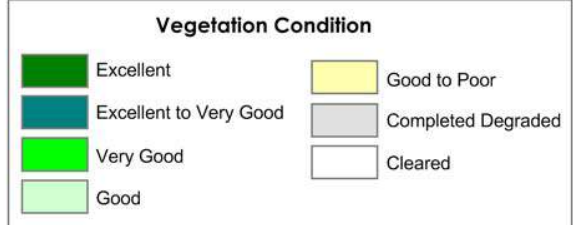
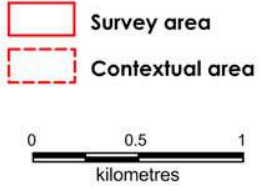


**Manuwarra Red Dog Highway Stage 4 - Vegetation Condition and Weeds - Map 2**



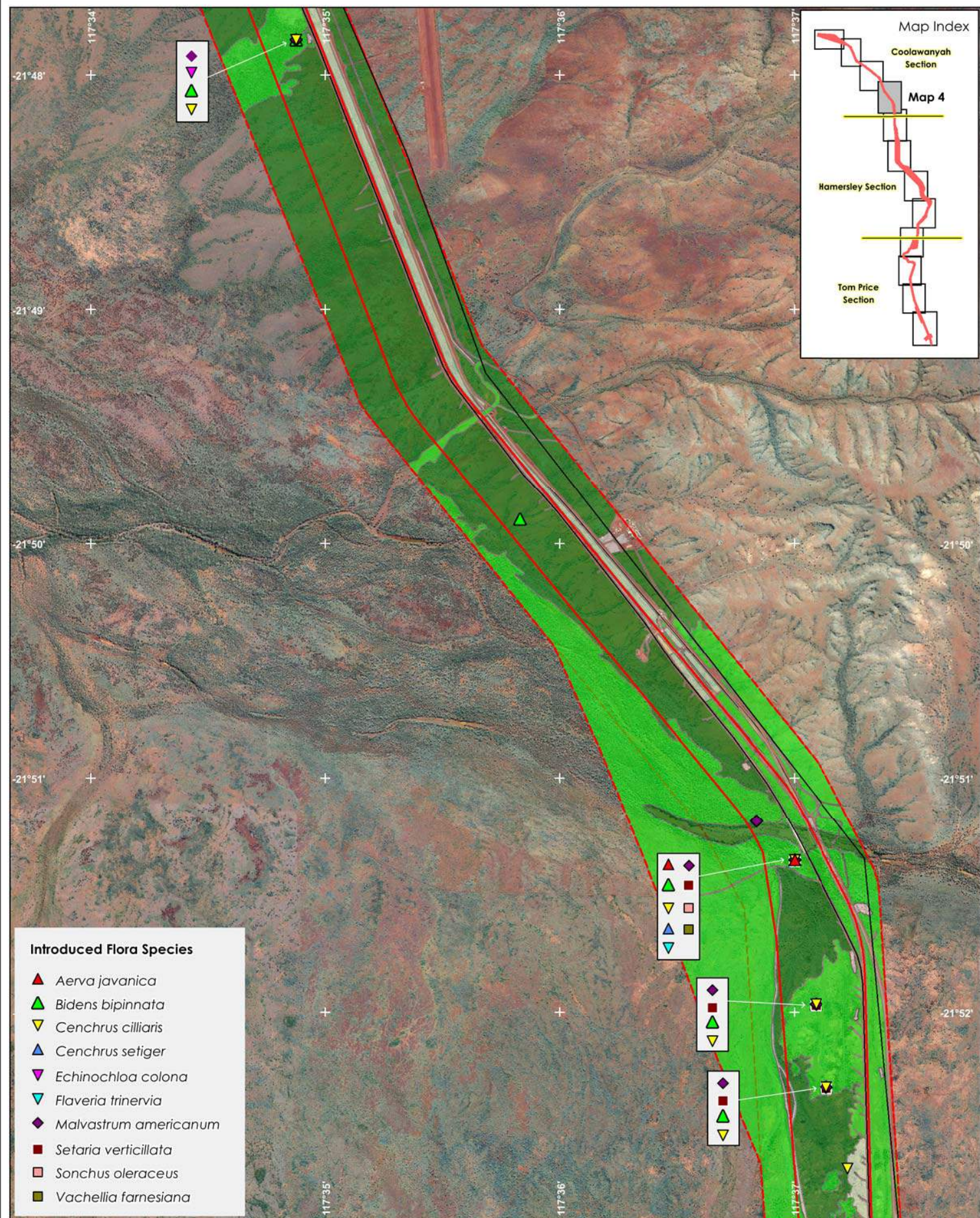


- Introduced Flora Species**
- ▲ *Bidens bipinnata*
  - ▼ *Cenchrus ciliaris*
  - ▲ *Cenchrus setiger*
  - ▼ *Echinochloa colona*
  - ◆ *Malvastrum americanum*



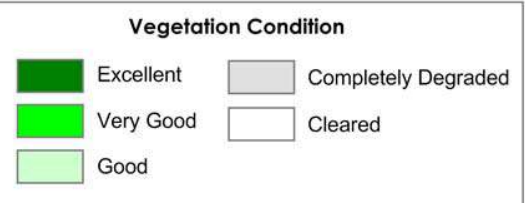
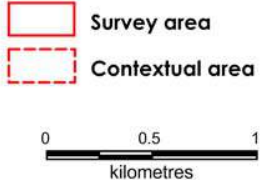
**Manuwarra Red Dog Highway Stage 4 - Vegetation Condition and Weeds - Map 3**

**Biota Environmental Sciences**



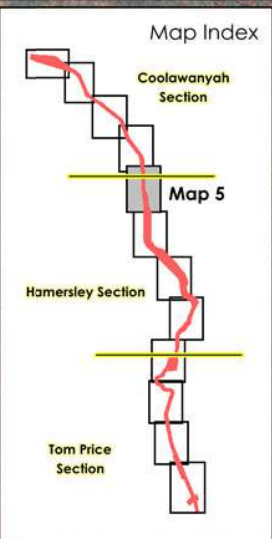
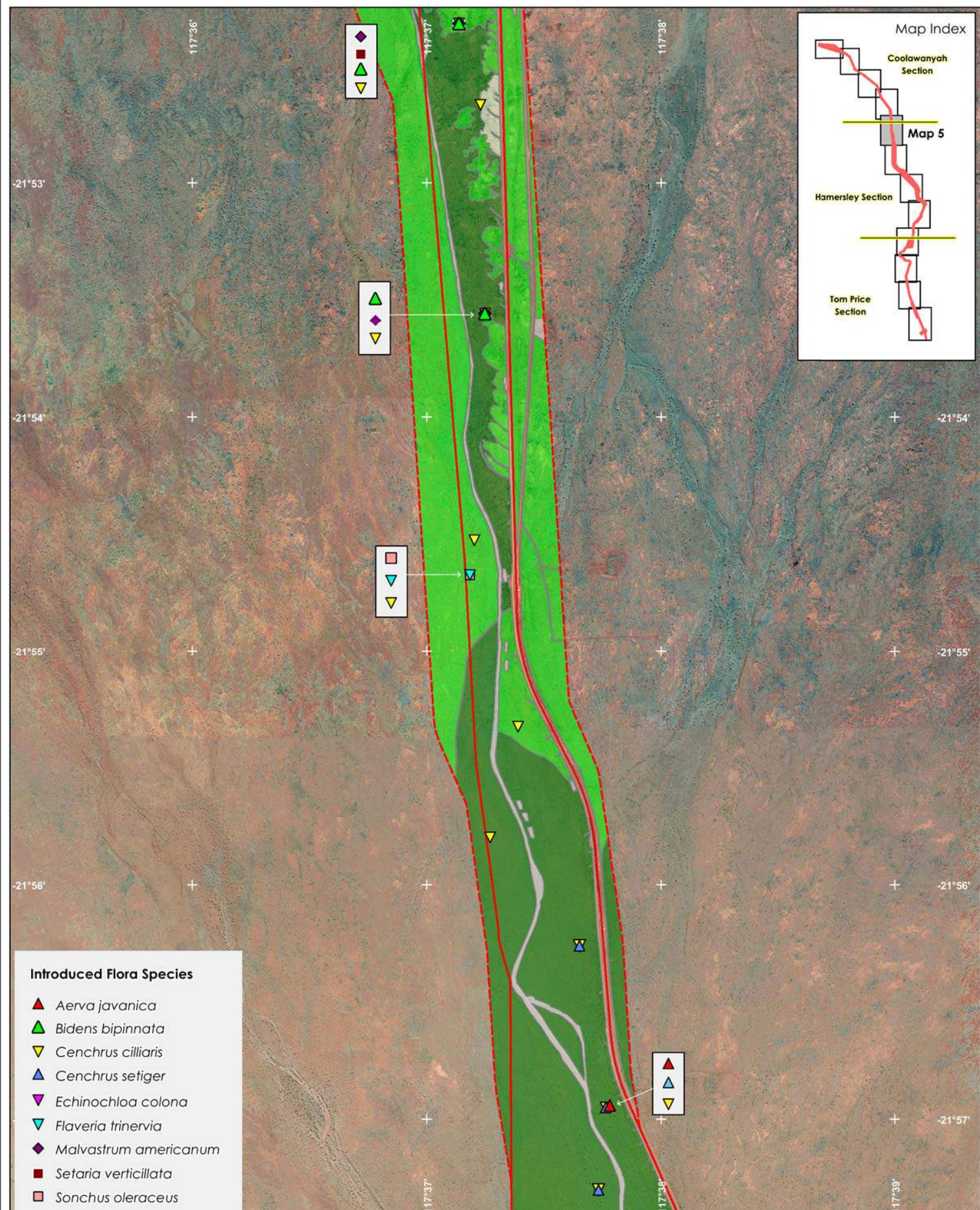
**Introduced Flora Species**

- ▲ *Aerva javanica*
- ▲ *Bidens bipinnata*
- ▼ *Cenchrus ciliaris*
- ▲ *Cenchrus setiger*
- ▼ *Echinochloa colona*
- ▼ *Flaveria trinervia*
- ◆ *Malvastrum americanum*
- *Setaria verticillata*
- *Sonchus oleraceus*
- *Vachellia farnesiana*

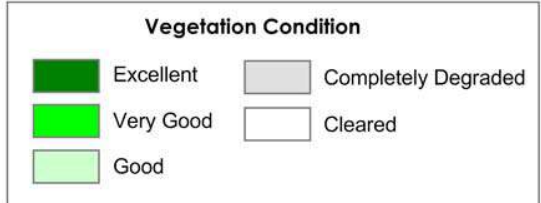
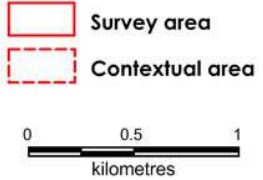


**Manuwarra Red Dog Highway Stage 4 - Vegetation Condition and Weeds - Map 4**





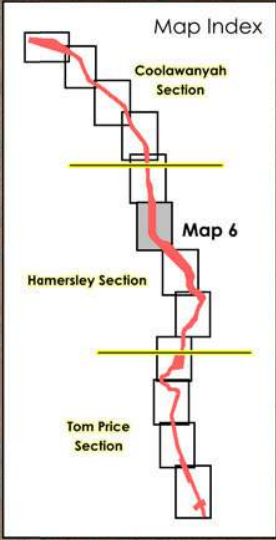
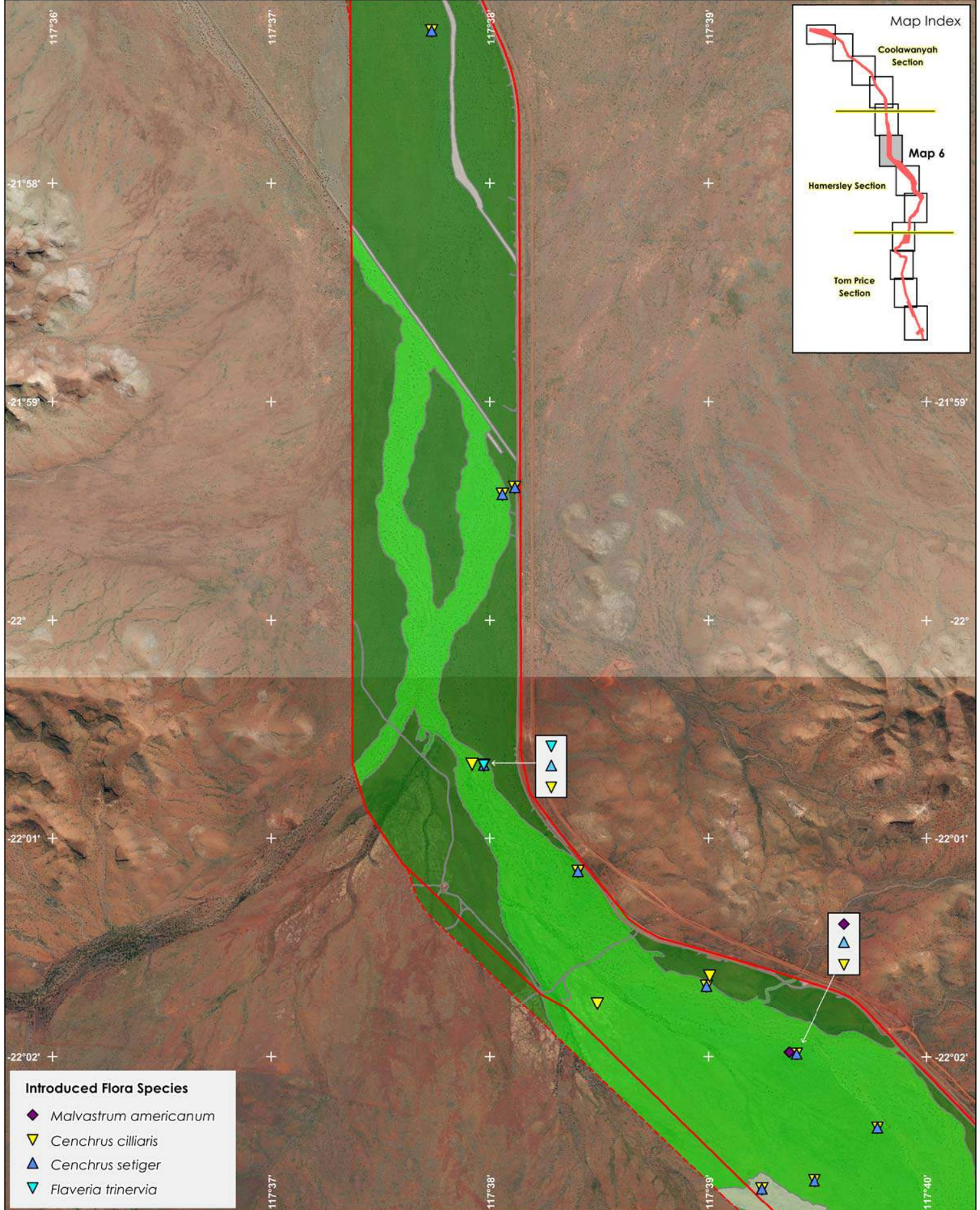
- Introduced Flora Species**
- ▲ *Aerva javanica*
  - ▲ *Bidens bipinnata*
  - ▼ *Cenchrus ciliaris*
  - ▲ *Cenchrus setiger*
  - ▼ *Echinochloa colona*
  - ▼ *Flaveria trinervia*
  - ◆ *Malvastrum americanum*
  - *Setaria verticillata*
  - *Sonchus oleraceus*



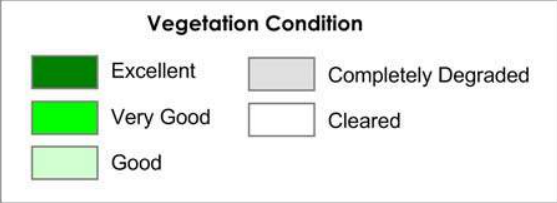
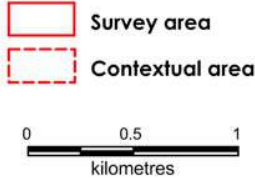
**Manuwarra Red Dog Highway Stage 4 - Vegetation Condition and Weeds - Map 5**



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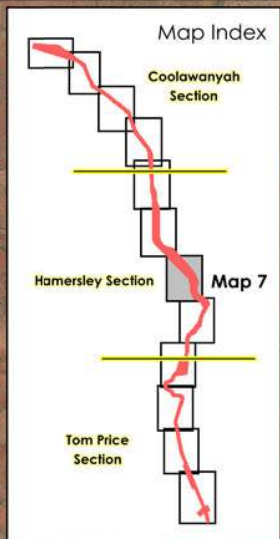
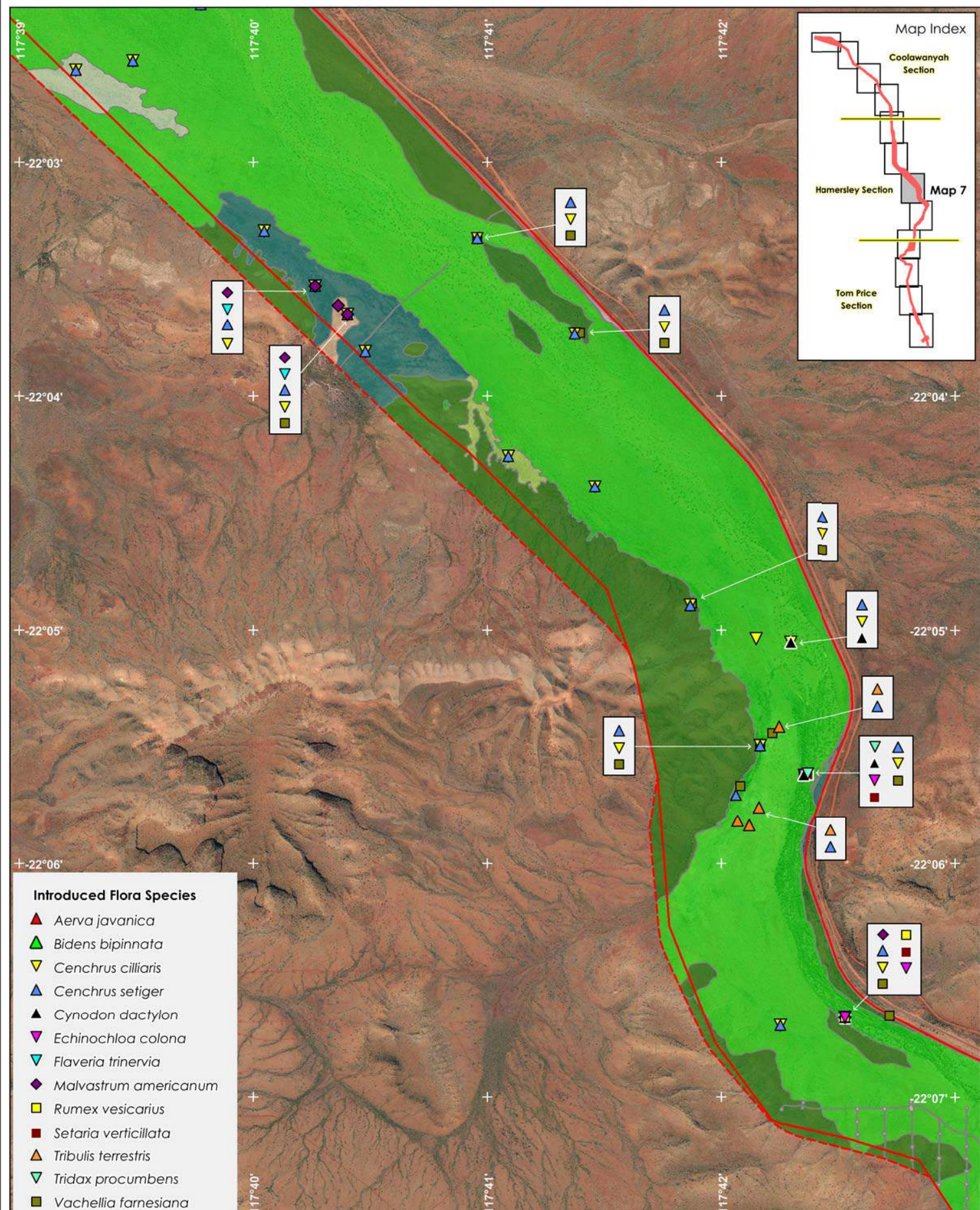
- Introduced Flora Species**
- ◆ *Malvastrum americanum*
  - ▼ *Cenchrus ciliaris*
  - ▲ *Cenchrus setiger*
  - ▼ *Flaveria trinervia*



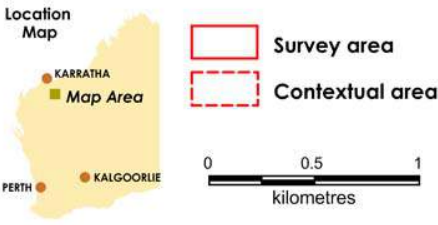
**Manuwarra Red Dog Highway Stage 4 - Vegetation Condition and Weeds - Map 6**







- Introduced Flora Species**
- ▲ *Aerva javanica*
  - ▲ *Bidens bipinnata*
  - ▼ *Cenchrus ciliaris*
  - ▲ *Cenchrus setiger*
  - ▲ *Cynodon dactylon*
  - ▼ *Echinochloa colona*
  - ▼ *Flaveria trinervia*
  - ◆ *Malvastrum americanum*
  - *Rumex vesicarius*
  - *Setaria verticillata*
  - ▲ *Tribulus terrestris*
  - ▼ *Tridax procumbens*
  - *Vachellia farnesiana*

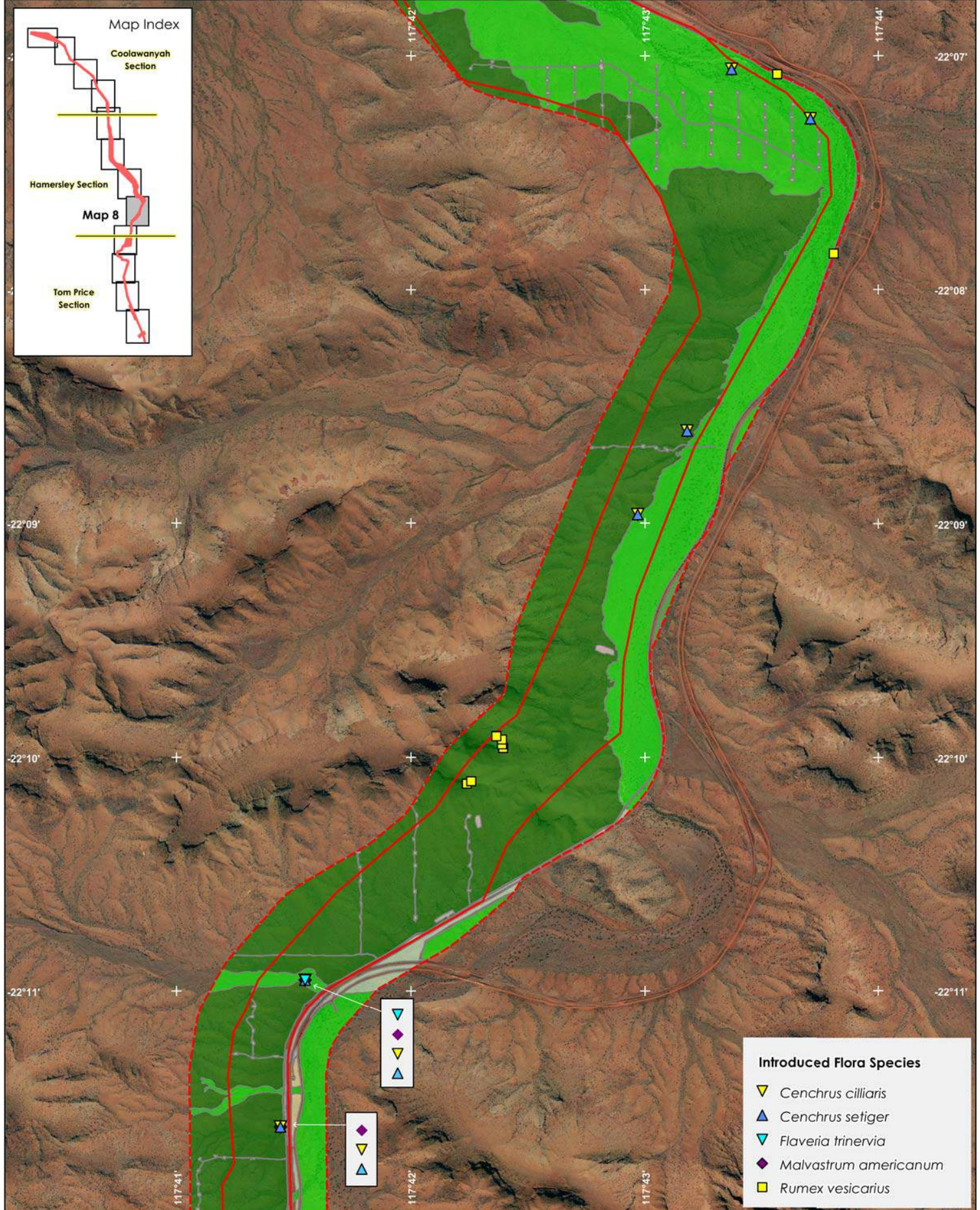
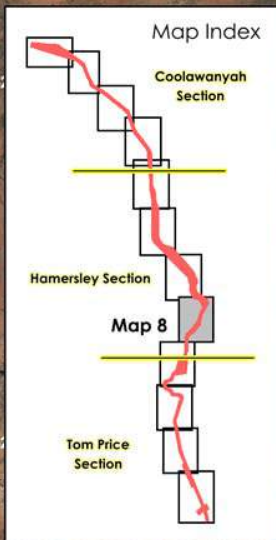


**Vegetation Condition**

Dark Green	Excellent	Light Green	Good
Teal	Excellent to Very Good	Orange	Poor
Bright Green	Very Good	Grey	Completely Degraded
Light Green	Very Good to Good	White	Cleared

**Manuwarra Red Dog Highway Stage 4 - Vegetation Condition and Weeds - Map 7**

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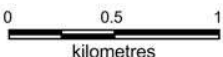
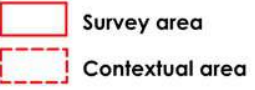


**Introduced Flora Species**

- ▼ *Cenchrus ciliaris*
- ▲ *Cenchrus setiger*
- ▼ *Flaveria trinervia*
- ◆ *Malvastrum americanum*
- *Rumex vesicarius*

▼
◆
▼
▲

▼
◆
▼
▲

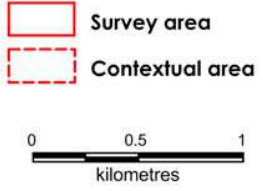
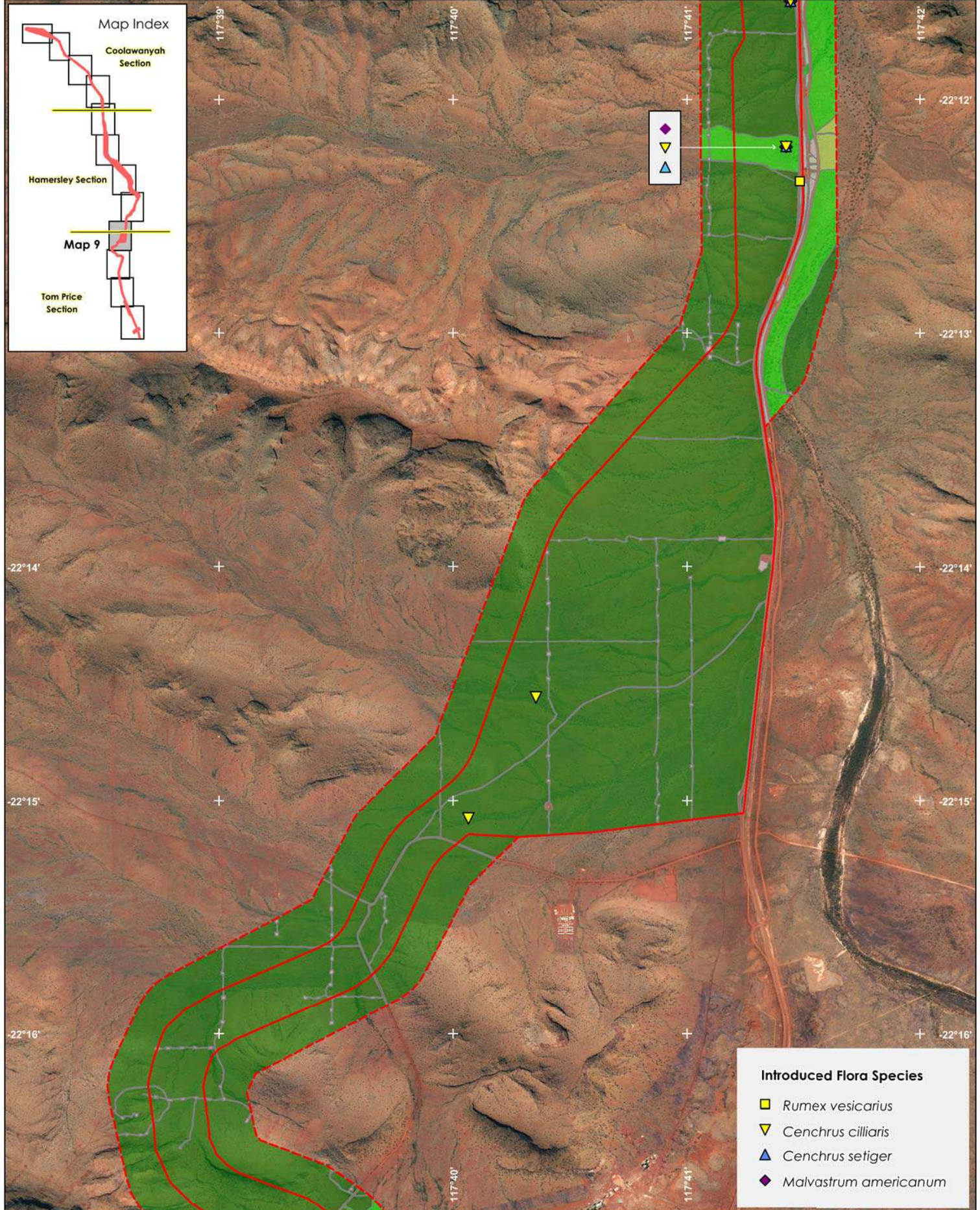


**Vegetation Condition**

■ Excellent	■ Good to Poor
■ Very Good	■ Completely Degraded
■ Good	■ Cleared

**Manuwarra Red Dog Highway Stage 4 - Vegetation Condition and Weeds - Map 8**





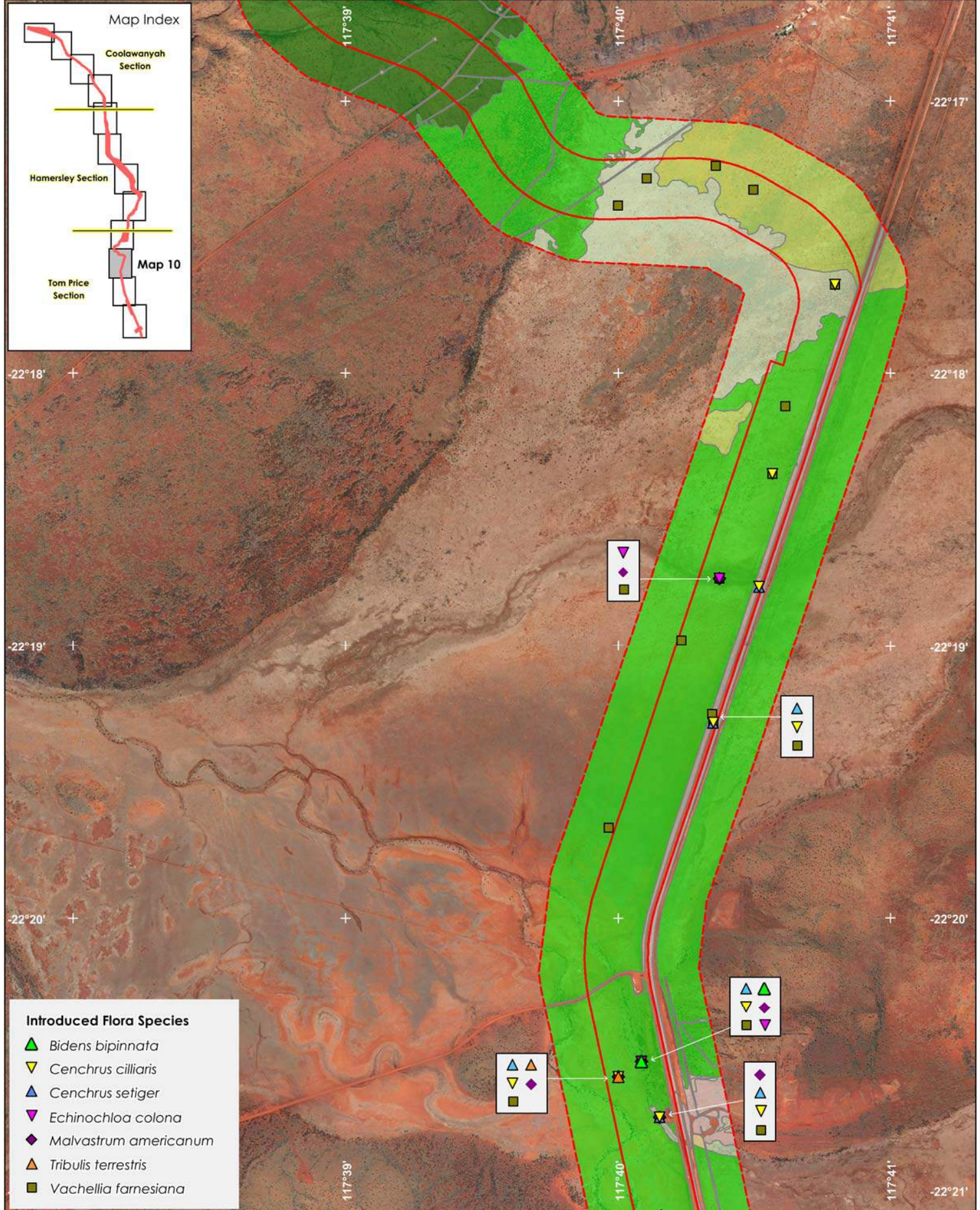
**Introduced Flora Species**

- *Rumex vesicarius*
- ▼ *Cenchrus ciliaris*
- ▲ *Cenchrus setiger*
- ◆ *Malvastrum americanum*

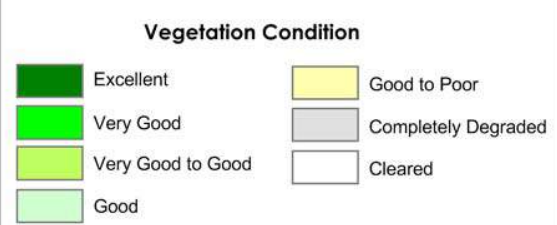
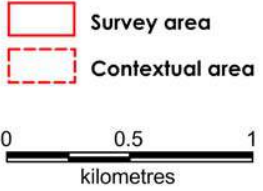
**Manuwarra Red Dog Highway Stage 4 - Vegetation Condition and Weeds - Map 9**



**Biota Environmental Sciences**

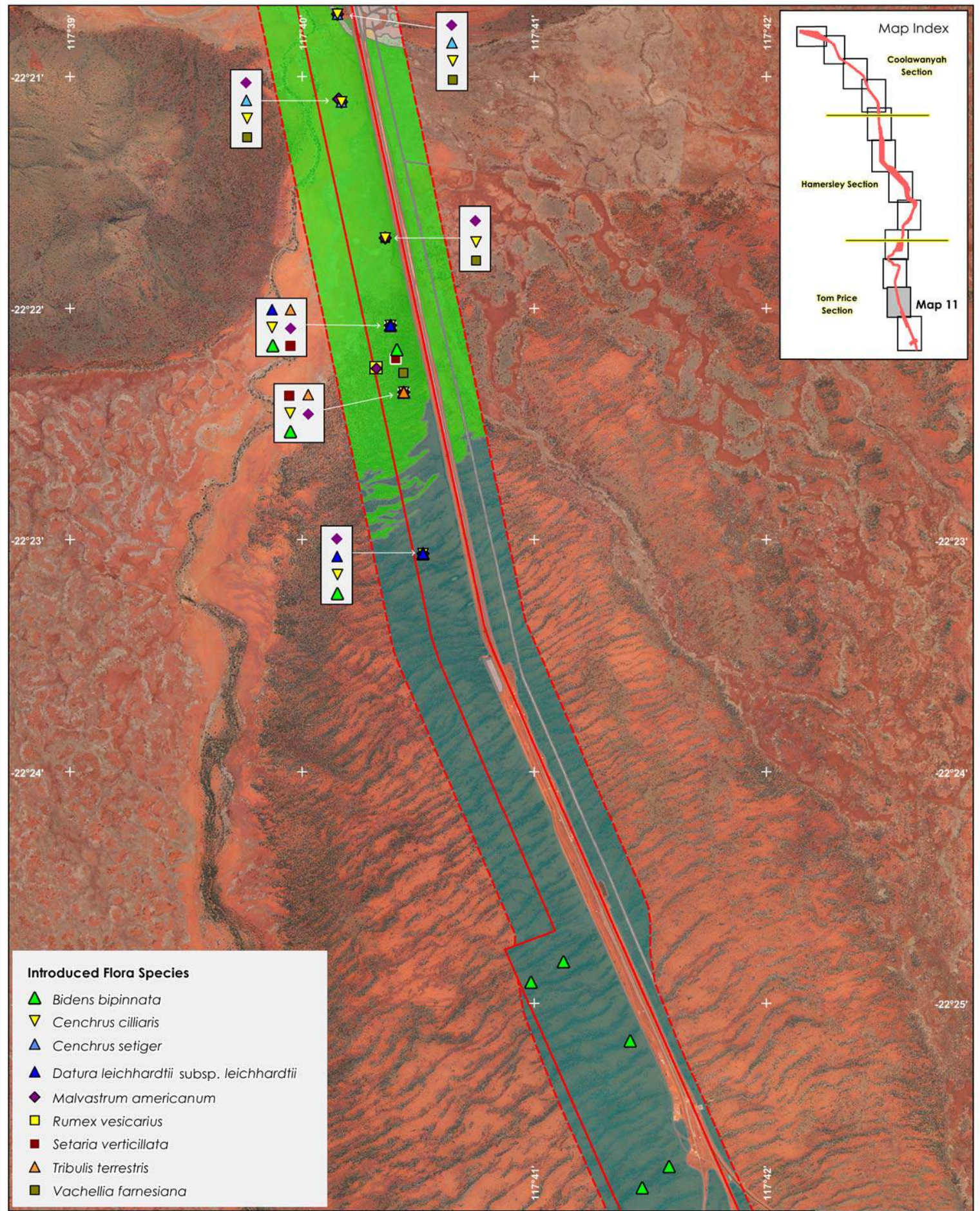


- Introduced Flora Species**
- ▲ *Bidens bipinnata*
  - ▼ *Cenchrus ciliaris*
  - ▲ *Cenchrus setiger*
  - ▼ *Echinochloa colona*
  - ◆ *Malvastrum americanum*
  - ▲ *Tribulus terrestris*
  - *Vachellia farnesiana*

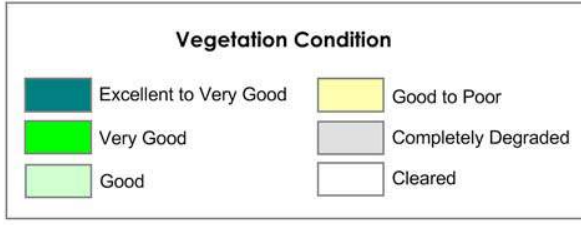
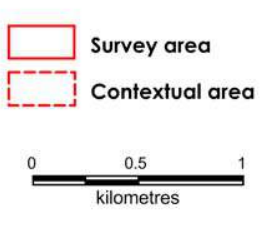


**Manuwarra Red Dog Highway  
Stage 4 - Vegetation Condition  
and Weeds - Map 10**

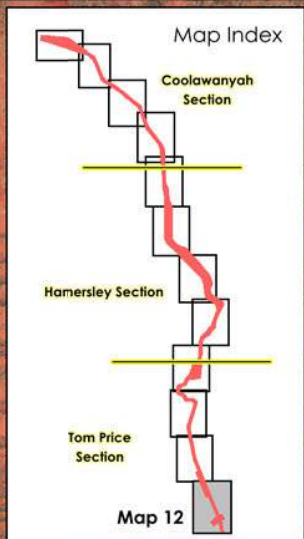
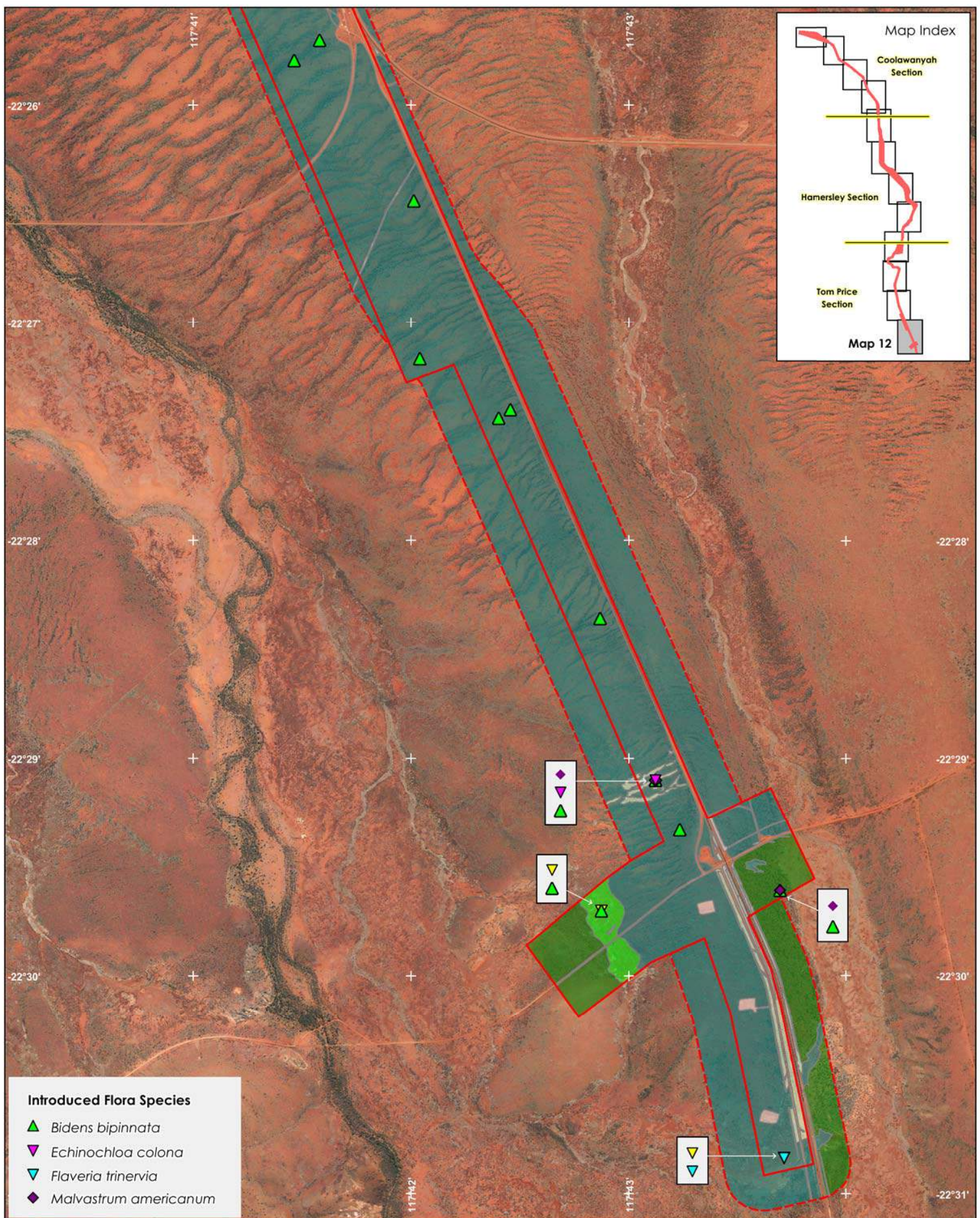




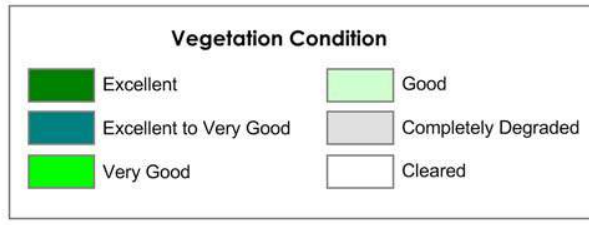
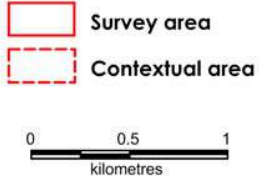
- Introduced Flora Species**
- ▲ *Bidens bipinnata*
  - ▼ *Cenchrus ciliaris*
  - ▲ *Cenchrus setiger*
  - ▲ *Datura leichhardtii* subsp. *leichhardtii*
  - ◆ *Malvastrum americanum*
  - *Rumex vesicarius*
  - *Setaria verticillata*
  - ▲ *Tribulus terrestris*
  - *Vachellia farnesiana*



**Manuwarra Red Dog Highway  
Stage 4 - Vegetation Condition  
and Weeds - Map 11**



- Introduced Flora Species**
- ▲ *Bidens bipinnata*
  - ▼ *Echinochloa colona*
  - ▼ *Flaveria trinervia*
  - ◆ *Malvastrum americanum*



**Manuwarra Red Dog Highway Stage 4 - Vegetation Condition and Weeds - Map 12**



## Appendix 8

### Likelihood of Occurrence of Flora of Conservation Significance







Taxon	Habit (WA Herbarium 2020)	Habitat (WA Herbarium 2020)	Databases					Previous Surveys*			Likelihood of Occurrence in the Survey Area	
			Nature Map	DBCA IPFL	WA Herbarium	MRWA database	Eliwana	Bellbird- Juna	Koodaideri Int.	Initial Ranking Based on Desktop Review	Final Ranking Including Results of 2020 Field Survey	
Priority 1												
<i>Bothriochloa decipiens</i> var. <i>cloncurensis</i>	Perennial, grass-like or herb, to 1.4 m high.	Seasonally damp depressions, clay plains.	-	-	-	✓	-	-	-	May occur. Some suitable habitat present however this species has been infrequently recorded in the SA locality. NR 24 km S of the southern tip of SA.	May occur.	
<i>Calotis squamigera</i>	Procumbent annual daisy to 20 cm tall.	Pebbly loam.	-	-	-	✓	✓	✓	-	May occur. Some suitable habitat present, and this species is likely to be difficult to find due to its annual nature. NR 34 km SE of the southern tip of SA. Also recorded from RSA during Eliwana survey.	May occur.	
<i>Eucalyptus lucens</i>	Mallee, to 4.5 m high.	Ironstone. Rocky slopes and mountain tops, high in the landscape.	-	-	-	✓	-	-	-	Unlikely to occur, little suitable habitat present and it has been infrequently recorded in the locality. NR 25 km S of the southern tip of SA.	Not found during current survey; unlikely to occur	
<i>Goodenia pedicellata</i>	Single-stemmed perennial, herb to 25 cm high.	Rocky clayey soils. Rocky slopes and crests of small hills.	-	-	-	✓	-	-	-	May occur, some suitable habitat is present however species is infrequently recorded in locality. NR 27 km SW of the southern tip of SA.	May occur.	
<i>Helichrysum oligochaetum</i>	Erect annual daisy to 25 cm tall.	Red clay on alluvial plains.	✓	-	✓	✓	✓	-	-	May occur, some suitable habitat present. NR 5 km W of the southern section of SA.	May occur.	
<i>Hibiscus</i> sp. Mt Brockman (E. Thoma ET 1354)	Erect shrub to 2.5 m tall.	Creek lines, gullies, hilltops, hill slopes.	-	-	-	✓	✓	-	-	May occur, some suitable habitat present. NR 21 km W of the southern section of SA.	Occurs. Seven records in survey area; 1-10 individuals recorded in hilly habitat in south-central part of SA.	
<i>Josephinia</i> sp. Woodstock (A.A. Mitchell PRP 989)	Woolly stemmed perennial shrub to 0.5 m.	Rocky creek lines and plains.	-	-	-	-	-	-	-	Unlikely to occur. Some suitable habitat present however no records in proximity of SA. Nearest vouchered records are approximately 130 km NNE of SA.	Occurs. One record in survey area – site KTF52, approximately 4 km south of the Fortescue River.	
<i>Tetradlea butcheriana</i>	Small sub-shrub.	Northeast-facing cliff faces and breakaways.	-	-	-	✓	-	-	-	Unlikely to occur. Little suitable habitat present and species has not previously been recorded in locality. NR 32 km W of southern tip of SA.	Unlikely to occur.	
<i>Vittadinia</i> sp. Coondewanna Flats (S. van Leeuwen 4684)	Erect annual herb.	Red sandy clay loam. Plains, low in the landscape.	✓	-	✓	✓	✓	-	-	May occur, suitable habitat present. NR 11 km W of the southern section of SA.	Occurs. One record in survey area – site KTF10 in southern tip of survey area.	
<i>Whiteochloa capillipes</i>	Annual or short-lived perennial grass.	Flat crabhole plain.	-	-	-	-	✓	-	-	May occur, some suitable habitat present. Species was recorded in the RSA during Eliwana survey (NB. Identification subsequently queried on basis of re-determination of voucher specimens).	May occur.	
Priority 2												
<i>Aristida lazardis</i>	Tufted perennial grass.	Sand or loam substrates on plains and foothills.	-	-	-	-	-	-	-	Unlikely to occur. Some suitable habitat present however nearest vouchered records are approximately 75 km E of the southern tip of the SA.	Occurs. One record in survey area – recorded opportunistically in the foothills of the Hamersley Range.	
<i>Adiantum capillus-veneris</i>	Rhizomatous, perennial fern, 0.1-0.2 m high.	Moist, sheltered sites in gorges and on cliff walls.	-	-	-	✓	-	-	-	Would not occur, habitat is not present in SA. NR 32 km E of the centre of the SA.	Would not occur.	
<i>Cladium procerum</i>	Densely tufted perennial sedge.	Perennial pools.	✓	-	✓	✓	-	-	-	Would not occur, habitat is not present in SA. NR 34 km NW from the northern tip of SA.	Would not occur.	
<i>Euphorbia inappendiculata</i> var. <i>inappendiculata</i>	Annual herb.	Cracking clay plains.	-	-	-	✓	✓	-	-	May occur; some suitable habitat present in the southern section of SA. NR 27 km E of the SA.	Occurs. Five records in the survey area in the north of survey area; approximately 175 individuals.	
<i>Euphorbia inappendiculata</i> var. <i>queenslandica</i>	Prostrate annual herb.	Dark reddish brown cracking clay. Clay plains.	-	-	✓	✓	✓	-	-	May occur; some suitable habitat present in the southern section and NR is 3 km to the W of SA. The species has also been recorded at several locations in the locality.	Occurs. Seven records in the survey area in the south-central section and northern tip; scattered individuals at each site.	
<i>Gompholobium karjijini</i>	Shrub with coarsely fibrous, grey bark that grows to 70 cm tall.	Red-brown loam. Rocky hill tops, hill sides.	✓	-	✓	✓	✓	-	-	May occur; some suitable habitat present in the central section and NR is 3 km E of SA. The species has also been recorded at several locations in the locality.	May occur.	
<i>Hibiscus</i> sp. Gurinbiddy Range (M.E. Trudgen MET 15708)	Tall spindly shrub.	Crests and upper slopes of hills.	-	-	-	✓	-	-	-	May occur; some suitable habitat present, however species is infrequently recorded in the locality. NR 26 km S of the southern tip of SA.	Not found during current survey; unlikely to occur	

Taxon	Habit (WA Herbarium 2020)	Habitat (WA Herbarium 2020)	Databases				Previous Surveys*				Likelihood of Occurrence in the Survey Area	
			Nature Map	DBCA IPFL	WA Herbarium	MRWA database	Eliwana	Bellbird- Juna	Koodaideri Int.	Initial Ranking Based on Desktop Review	Final Ranking Including Results of 2020 Field Survey	
<i>Indigofera ixocarpa</i>	Shrub, to 1 m high.	Skeletal red soils over massive ironstone.	-	-	-	✓	-	-	-	Unlikely to occur, no particularly suitable habitat present in SA. NR 23 km S of the southern tip of SA.	Unlikely to occur.	
<i>Ipomoea racemigera</i>	Annual creeper with white flowers.	Creeklines and floodplains.	-	-	✓	✓	✓	-	-	May occur, some suitable habitat is present. NR 24 km N of the northern tip of SA.	May occur.	
<i>Oxalis</i> sp. Pilbara (M.E. Trudgen 12725)	Annual herb.	Hillslopes and gorges on loam.	-	-	-	✓	-	-	-	May occur, some suitable habitat present in the SA. NR 37 km SW of southern tip of SA.	May occur.	
<i>Paspalidium retiglume</i>	Tufted annual, grass, 0.1-0.5 m high.	Clay.	✓	✓	✓	✓	-	-	-	May occur, suitable habitat present. NR 5 km NE of the northern tip of SA.	May occur.	
<i>Pentalepis trichodesmoides</i> subsp. <i>hispida</i>	Erect perennial shrub to 1 m.	Skeletal red-brown gravelly loam. Hilltops, hill slopes, creeklines.	-	-	✓	✓	✓	-	-	May occur, some suitable habitat present. NR 22 km SW of southern section of SA.	May occur.	
<i>Scaevola</i> sp. Hamersley Range basalts (S. van Leeuwen 3675)	Shrub, to 1 m high.	Skeletal, brown gritty soil over basalt. Summits of hills, steep hills.	✓	✓	-	✓	-	-	-	Unlikely to occur, no suitable habitat in SA. NR 6 km SE of southern tip of SA.	Unlikely to occur.	
<i>Teucrium pilbaranum</i>	Low perennial herb or shrub.	Clay, floodplains, margins of calcrete.	✓	-	✓	-	-	-	-	May occur, some suitable habitat present in the SA. NR 11 km E of the southern section of SA.	May occur.	
Priority 3												
<i>Acacia dawweana</i>	Spreading shrub, 0.3-2 m high.	Stony red loamy soils. Low rocky rises, along drainage lines.	-	-	-	✓	-	-	-	Unlikely to occur. Some suitable habitat is present however this species has been infrequently recorded in the locality. NR 38 km SE of the southern tip of SA.	Not found during current survey; unlikely to occur	
<i>Acacia effusa</i>	Low, dense, spreading, somewhat viscid shrub, 0.3-1 m high.	Stony red loam. Scree slopes of low ranges.	-	-	-	✓	-	-	-	Unlikely to occur, little suitable habitat in the SA. NR is 38 km SE of the southern tip of SA.	Not found during current survey; unlikely to occur	
<i>Aristida jerichoensis</i> var. <i>subspinulifera</i>	Compactly tufted perennial, grass-like or herb, 0.3-0.8 m high, lemma groove muricate.	Hardpan plains.	-	-	-	✓	✓	-	-	May occur, some suitable habitat present in the SA. NR 25 km W of the southern section of SA.	Occurs. One record in the southern section of survey area; approximately 10 individuals.	
<i>Astrebula lappacea</i>	Tufted perennial, grass-like or herb, 0.3-0.8 m high.	Clay, loam.	✓	✓	✓	✓	✓	✓	-	May occur. Some suitable habitat present in the SA. NR 800 m from the SE boundary of the SA.	Occurs. Five records in the southern section of survey area with up to 60% cover at KTF08.	
<i>Cyanthillium gracile</i>	Perennial herb to 40 cm tall.	Skeletal red gritty soil over ironstone.	-	-	-	-	✓	-	-	Unlikely to occur; no particularly suitable habitat in the SA. Species was recorded in the MSA during the Eliwana survey.	Unlikely to occur.	
<i>Dampiera anonyma</i>	Multi-stemmed perennial, herb, to 0.5-1 m high.	Hill summits, upper slopes (above 1,000 m).	✓	✓	✓	✓	-	-	-	Would not occur, no suitable habitat in the SA. NR 7 km from the E boundary of the SA.	Would not occur.	
<i>Dolichocarpa</i> sp. Hamersley Station (A.A. Mitchell PRP 1479)	Spreading annual herb to 10 cm tall.	Cracking clay plains.	✓	-	✓	✓	✓	-	✓	Likely to occur. Suitable habitat present in the southern section of SA and several records in the locality. NR 800m W of the SA.	Occurs. Nine records in the north and south of survey area. Up to 200 individuals counted at some locations.	
<i>Eragrostis crateriformis</i>	Annual, grass, 0.17-0.42 m high.	Clayey loam or clay. Creek banks, depressions.	-	✓	✓	-	-	-	-	Unlikely, some suitable habitat is present, however this is unlikely as NR is 39 km N of the northern tip of SA and there are no other records nearby.	Unlikely to occur.	
<i>Eragrostis surreyana</i>	Tufted annual grass to 15 cm.	Seasonally wet, shallow, grey alluvial soils over rock, with some from deeper soils in seasonal drainage areas.	✓	-	✓	✓	✓	-	-	May occur, some suitable habitat is present. NR 2 km E of the central portion of SA.	May occur.	
<i>Eremophila magnifica</i> subsp. <i>velutina</i>	Shrub, 0.5-1.5 m high.	Skeletal soils over ironstone. Summits.	✓	✓	✓	✓	✓	-	-	May occur, some suitable habitat is present in the SA. NR 2 km E of the centre of the SA.	May occur.	

Taxon	Habit (WA Herbarium 2020)	Habitat (WA Herbarium 2020)	Databases				Previous Surveys*			Likelihood of Occurrence in the Survey Area	
			Nature Map	DBCA IPFL	WA Herbarium	MRWA database	Eliwana	Bellbird- Juna	Koodaideri Int.	Initial Ranking Based on Desktop Review	Final Ranking Including Results of 2020 Field Survey
<i>Euphorbia australis</i> var. <i>glabra</i>	Prostrate, mid-dense, semi-woody annual to 1 cm tall.	Moderately drained, red clay loam. Extensive sub-saline flat.	-	-	-	✓	✓	-	-	May occur, some suitable habitat is present. NR 800 m E of the central portion of SA.	Occurs. Recorded 28 times in the north and south of survey area. Up to 150 individuals counted at some locations.
<i>Fimbristylis sieberiana</i>	Shortly rhizomatous, tufted perennial sedge, 0.25-0.6 m high.	Mud, skeletal soil pockets. Pool edges, sandstone cliffs.	-	✓	✓	✓	-	-	-	Would not occur, no suitable habitat present. NR 33 km E of the centre of the SA.	Would not occur.
<i>Geijera salicifolia</i>	Tree, 1.5-6 m high.	Skeletal soils, stony soils. Massive rock scree, gorges.	✓	-	✓	✓	-	-	-	Would not occur, no suitable habitat present. NR 17 km S of southern tip of SA.	Would not occur.
<i>Glycine falcata</i>	Mat-forming perennial, herb, to 0.2 m high.	Black clayey sand. Along drainage depressions in crabhole plains on river floodplains.	✓	-	✓	✓	✓	-	-	May occur, some suitable habitat present. NR 15 km E of the southern portion of the SA.	Occurs. Eight records in the southern section of survey area; scattered individuals.
<i>Goodenia</i> sp. East Pilbara (A.A. Mitchell PRP 727)	Open, erect annual or biennial, herb, to 0.2 m high.	Red-brown clay soil, calcrete pebbles. Low undulating plain, swampy plains.	✓	✓	-	✓	✓	-	✓	May occur, some suitable habitat is present. NR 3 km E of central section of SA.	May occur.
<i>Grevillea saxicola</i>	Shrub or tree growing to 7 m tall.	Skeletal red-brown sandy loam. Steep slopes, rocky hills, ridges.	✓	-	✓	✓	✓	-	-	May occur, some suitable habitat in the SA. NR 16 km S of the southern tip of SA.	Not found during current survey; unlikely to occur.
<i>Gymnanthera cunninghamii</i>	Erect shrub, 1-2 m high.	Sandy soils in drainages.	-	-	✓	✓	-	-	✓	May occur, some suitable habitat present. NR 19 km SW of the southern tip of SA.	Occurs. One record in the north of survey area; 1 individual.
<i>Indigofera gilesii</i>	Shrub, to 1.5 m high.	Pebbly loam. Amongst boulders & outcrops, hills.	-	-	-	-	✓	-	-	May occur, some suitable habitat present and species was recorded from Eliwana RSA. NR unknown however RSA intersects southern section of SA.	May occur.
<i>Indigofera</i> sp. Bungaroo Creek (S. van Leeuwen 4301)	Erect, shrub, spindly shrub (broom-like).	Drainage lines.	-	-	-	✓	✓	-	-	May occur, some suitable habitat present. NR 19 km W of the southern section of the SA.	May occur.
<i>Iotasperma sessilifolium</i>	Erect annual daisy.	Cracking clay plains.	✓	-	✓	✓	✓	-	-	May occur, suitable habitat present in the SA and several records in the locality. NR 5 km W of the central section of SA.	May occur.
<i>Olearia mucronata</i>	Densely branched, unpleasantly aromatic shrub, 0.6-1 m high.	Schistose hills, along drainage channels.	-	-	-	✓	-	-	-	Unlikely to occur; no particularly suitable habitat present in the SA. NR 26 km S of the southern tip of SA.	Unlikely to occur.
<i>Owenia acidula</i>	Tree, 3-8 m high.	Clay.	-	✓	✓	-	-	-	-	Unlikely to occur, some suitable habitat may be present but species is infrequently recorded in locality. NR 34 km W of the northern tip of SA.	Not found during current survey; unlikely to occur.
<i>Polymeria distigma</i>	Prostrate trailing herb.	Sandy soils.	✓	-	✓	✓	-	-	-	May occur, some suitable habitat present however species is infrequently recorded in the locality. NR 10 km W of the southern section of SA.	May occur.
<i>Ptilotus subspinescens</i>	Compact shrub, to 0.8 m high.	Gentle rocky slopes, screes and the bases of screes.	✓	✓	-	✓	✓	-	-	May occur, some suitable habitat is present and there are several records in the locality. NR 10 km E of the southern section of SA.	May occur.
<i>Rhagodia</i> sp. Hamersley (M. Trudgen 17794)	Slender spindly chenopod shrub to 2 m tall.	Hardpan plains and stony plains, typically associated with mulga.	✓	-	✓	✓	✓	✓	-	May occur, suitable habitat is present. NR 300 m E of southern section of SA.	Occurs. Recorded 9 times in southern section of survey area. Scattered individuals.
<i>Rostellularia adscendens</i> var. <i>latifolia</i>	Perennial herb or low shrub to 30 cm tall.	Various habitats, including Ironstone soils near creeks, rocky hills.	✓	-	✓	✓	✓	✓	✓	May occur, suitable habitat present. NR 11 km E of the southern section of SA.	May occur.
<i>Sida</i> sp. Barlee Range (S. van Leeuwen 1642)	Low spreading shrub.	Skeletal soils on steep rocky slopes.	✓	-	✓	✓	-	-	✓	May occur, some suitable habitat present. NR 7 km W of southern section of SA.	May occur.

Taxon	Habit (WA Herbarium 2020)	Habitat (WA Herbarium 2020)	Databases				Previous Surveys*				Likelihood of Occurrence in the Survey Area	
			Nature Map	DBCA IPFL	WA Herbarium	MRWA database	Eliwana	Bellbird- Juna	Koodaideri Int.	Initial Ranking Based on Desktop Review	Final Ranking Including Results of 2020 Field Survey	
<i>Sida</i> sp. Hamersley Range (K. Newbey 10692)	Low shrub.	Skeletal stony soils on rocky hills, breakaways.	✓	-	✓	✓	-	-	-	May occur, some suitable habitat present. NR 15 km W of the central section of SA.	Occurs. Recorded 19 times as scattered individuals in the south of survey area.	
<i>Solanum albostellatum</i>	Low perennial herb or shrub.	Red-brown cracking clay. Open floodplains, crabholed plains.	✓	-	✓	✓	✓	-	-	May occur, some suitable habitat present. NR 9 km NW of the northern tip of SA.	May occur.	
<i>Solanum kentrocaule</i>	Erect shrub.	Basalt scree, gorges, slopes and crests of hills.	-	-	-	✓	-	-	-	Unlikely to occur, no suitable habitat and species has been infrequently recorded in the locality. NR 24 km S of the southern tip of SA.	Unlikely to occur.	
<i>Solanum</i> sp. Red Hill (S. van Leeuwen et al. PBS 5415)	Perennial, upright or spreading resinous shrub to 0.3 m high.	Hillslopes, summits or gorges.	-	-	-	✓	-	-	-	Unlikely to occur, little suitable habitat present. NR 28 km E of the southern section of SA.	Unlikely to occur.	
<i>Stackhousia clementii</i>	Dense broom-like perennial, herb, to 0.45 m high.	Skeletal soils. Sandstone hills.	✓	-	✓	✓	✓	-	-	Unlikely to occur; no particularly suitable habitat present in the SA and species is very infrequently recorded. NR 4 km E of the southern sections of SA.	Unlikely to occur.	
<i>Streptoglossa</i> sp. Cracking clays (S. van Leeuwen et al. PBS 7353)	Annual, multi-stemmed herb with pink	Cracking clay, damp areas, floodplains	-	-	-	-	-	-	-	Unlikely to occur, some suitable habitat present, however previous records do not occur with 150 km of the SA.	Occurs. Recorded from 6 locations on cracking clay in the south of the survey area.	
<i>Swainsona thompsoniana</i>	Small erect annual herb.	Cracking clay plains.	✓	-	✓	✓	✓	-	-	May occur, some suitable habitat present and several records in the locality. NR 2 km S of the southern tip of SA.	Occurs. Recorded 3 times in the northern extent and once in the southern tip of the survey area. Approximately 21 individuals.	
<i>Themeda</i> sp. Hamersley Station (M.E. Trudgen 11431)	Perennial tussock grass to 1.8 m tall.	Red clay (often cracking) in clay pans and on plains, sometimes along creeklines.	✓	-	✓	✓	✓	-	✓	Likely to occur, suitable habitat present in southern section of SA. Several records in the locality. NR 650 m E of the SA.	Occurs as part of 'Themeda grasslands on cracking clays' TEC. Recorded 20 times in the survey area, many sites had significant population (up to 68% cover).	
<i>Triodia basitricha</i>	Hummock grass.	Rocky hillslopes.	✓	-	✓	✓	✓	-	-	May occur, some suitable habitat present and several records in the locality. NR 7 km N of northern tip of SA.	Occurs. Recorded once in the centre of survey area; density 25% cover.	
<i>Triodia pisoliticola</i>	Hummock grass.	Rocky skeletal slopes and free-faces of mesas and hills.	-	-	✓	✓	-	-	-	Unlikely to occur, little suitable habitat present, and species is infrequently recorded in the locality. NR 30 km E of southern section of SA.	Unlikely to occur.	
Priority 4												
<i>Acacia bromilowiana</i>	Tree or shrub, to 12 m high.	Red skeletal stony loam, orange-brown pebbly, gravel loam, laterite, banded ironstone, basalt. Rocky hills, breakaways, scree slopes, gorges, creek beds.	✓	-	-	✓	✓	-	-	May occur; while there is some suitable habitat in the SA, the NR is 26 km S of the southern tip of SA.	Not found during current survey; unlikely to occur.	
<i>Eremophila magnifica</i> subsp. <i>magnifica</i>	Shrub, 0.5-1.5 m high.	Skeletal soils over ironstone. Rocky screes.	✓	-	✓	✓	-	-	✓	May occur, some suitable habitat is present, and this species has been recorded numerous times in the locality. NR 10 km W of the central portion of SA.	Occurs. Recorded 7 times in the south of the survey area; 12 individuals.	
<i>Goodenia beringbinensis</i>	Ascending annual herb, yellow fls.	Seasonally inundated areas, claypans.	-	-	-	-	-	-	-	Unlikely to occur, some suitable habitat is present, however no vouchered records occur in proximity to the SA.	Occurs. Recorded in two locations in the northern extent of the survey area; 53 individuals.	
<i>Goodenia nuda</i>	Slender erect herb to 50 cm tall.	Creeks, floodplains, low-lying areas.	✓	-	✓	✓	✓	-	✓	Likely to occur. Suitable habitat is present and NR 100 m from the SA boundary in floodplain habitat that occurs extensively in the southern section.	Occurs. Recorded 43 times throughout the length of the survey area. 464 individuals.	
<i>Lepidium catapycnon</i>	Open, woody perennial, herb or shrub, 0.2-0.3 m high.	Skeletal soils. Hillsides.	-	-	-	✓	-	-	✓	Unlikely to occur, little suitable habitat present, and species is infrequently recorded in the locality. NR 25 km S of the southern tip of SA.	Unlikely to occur.	
<i>Livistona alfredii</i>	Tree-like palm.	Permanent pools and watercourses.	-	-	-	✓	-	-	-	Would not, no suitable habitat present in the SA. NR 18 km NE of the northern tip of SA.	Would not occur.	

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			Nature Map	DBCA IPFL	WA Herbarium	MRWA database	Eliwana	Bellbird- Juna	Koodaideri Int.	Initial Ranking Based on Desktop Review	Final Ranking Including Results of 2020 Field Survey
<i>Ptilotus mollis</i>	Compact perennial shrub to 50 cm tall.	Stony hills and screes.	-	-	-	✓	✓	-	✓	Unlikely to occur. Some suitable habitat present but species is infrequently recorded in locality and NR is 39 km SW of southern tip of SA.	Unlikely to occur.
<i>Ptilotus trichocephalus</i>	Prostrate, spreading perennial, herb.	Sandy soils. Colluvial plains.	-	-	-	✓	-	-	-	Unlikely to occur, although some suitable habitat is present, the species is infrequently recorded in locality. NR 31 km E of the southern section of SA.	Unlikely to occur.
<i>Rhynchosia bungarensis</i>	Compact, prostrate shrub, to 0.5 m high.	Banks of flow lines, mouth of a gully, valley wall.	✓	-	✓	✓	✓	-	✓	May occur, little suitable habitat present. NR 20 km E of centre of SA.	May occur.

\* Data from the most relevant (e.g., survey area size and location) and most comprehensive previous surveys has been utilised for this purpose.



## Appendix 9

# Flora Species Recorded During the Survey







Family	Species	Status	
Acanthaceae	<i>Dipteracanthus</i> aff. <i>australasicus</i>		
	<i>Dipteracanthus australasicus</i> subsp. <i>australasicus</i>		
	<i>Rostellularia adscendens</i> var. <i>clementii</i>		
Aizoaceae	<i>Trianthera glossostigmum</i>		
	<i>Trianthera pilosum</i>		
	<i>Trianthera triquetrum</i>		
Amaranthaceae	<i>Achyranthes aspera</i>		
	* <i>Aerva javanica</i>	Weed	
	<i>Alternanthera angustifolia</i>		
	<i>Alternanthera denticulata</i>		
	<i>Alternanthera nana</i>		
	<i>Alternanthera nodiflora</i>		
	<i>Amaranthus</i> aff. <i>undulatus</i> (round leaves, short tepals)		
	<i>Amaranthus cuspidifolius</i>		
	<i>Amaranthus induratus</i>		
	<i>Amaranthus interruptus</i>		
	<i>Amaranthus undulatus</i>		
	<i>Gomphrena affinis</i> subsp. <i>pilbarensis</i>		
	<i>Gomphrena canescens</i>		
	<i>Gomphrena canescens</i> subsp. <i>canescens</i>		
	<i>Gomphrena cunninghamii</i>		
	<i>Gomphrena kanisii</i>		
	<i>Gomphrena lanata</i>		
	<i>Ptilotus</i> ? <i>xerophilus</i>		
	<i>Ptilotus aevroides</i>		
	<i>Ptilotus astrolasius</i>		
	<i>Ptilotus auriculifolius</i>		
	<i>Ptilotus axillaris</i>		
	<i>Ptilotus calostachyus</i>		
	<i>Ptilotus carinatus</i>		
	<i>Ptilotus clementii</i>		
	<i>Ptilotus exaltatus</i>		
	<i>Ptilotus fusiformis</i>		
	<i>Ptilotus gaudichaudii</i>		
	<i>Ptilotus gomphrenoides</i>		
	<i>Ptilotus helipteroides</i>		
	<i>Ptilotus incanus</i>		
	<i>Ptilotus obovatus</i> var. <i>obovatus</i>		
	<i>Ptilotus polystachyus</i>		
	<i>Ptilotus roei</i>		
	<i>Ptilotus rotundifolius</i>		
	<i>Ptilotus schwartzii</i> var. <i>schwartzii</i>		
	<i>Ptilotus</i> sp.		
	<i>Ptilotus xerophilus</i>		
	Apocynaceae	<i>Carissa lanceolata</i>	
		<i>Cynanchum</i> ? <i>floribundum</i> (4 colleters)	
		<i>Cynanchum floribundum</i>	
		<i>Cynanchum viminale</i> subsp. <i>australe</i>	

	<i>Gymnanthera cunninghamii</i>	Priority 3
	<i>Vincetoxicum lineare</i>	
Araliaceae	<i>Trachymene oleracea</i> subsp. <i>oleracea</i>	
Asteraceae	<i>Apowollastonia hamersleyensis</i>	
	* <i>Bidens bipinnata</i>	Weed
	<i>Blumea tenella</i>	
	<i>Calotis multicaulis</i>	
	<i>Calotis plumulifera</i>	
	<i>Centipeda minima</i> subsp. <i>macrocephala</i>	
	<i>Chrysocephalum gilesii</i>	
	* <i>Flaveria trinervia</i>	Weed
	<i>Pentalepis trichodesmoides</i> subsp. <i>trichodesmoides</i>	
	<i>Peripleura arida</i>	
	<i>Peripleura obovata</i>	
	<i>Peripleura virgata</i>	
	<i>Pluchea dunlopii</i>	
	<i>Pluchea ferdinandi-muelleri</i>	
	<i>Pluchea rubelliflora</i>	
	<i>Pseudognaphalium luteoalbum</i>	
	<i>Pterocaulon serrulatum</i>	
	<i>Pterocaulon serrulatum</i> var. <i>velutinum</i>	
	<i>Pterocaulon sphacelatum</i>	
	<i>Rhodanthe charsleyae</i>	
	<i>Rhodanthe margarethae</i>	
	<i>Roebuckiella similis</i>	
	<i>Senecio magnificus</i>	
	* <i>Sonchus oleraceus</i>	Weed
	<i>Streptoglossa adscendens</i>	
	<i>Streptoglossa bubakii</i>	
	<i>Streptoglossa decurrens</i>	
	<i>Streptoglossa liatroides</i>	
	<i>Streptoglossa</i> sp.	
	<i>Streptoglossa</i> sp. Cracking clays (S. van Leeuwen et al. PBS 7353)	Priority 3
	* <i>Tridax procumbens</i>	Weed
	<i>Vittadinia</i> sp. Coondewanna Flats (S. van Leeuwen 4684)	Priority 1
Bignoniaceae	<i>Dolichandrone occidentalis</i>	
Boraginaceae	<i>Ehretia saligna</i> var. <i>saligna</i>	
	<i>Heliotropium conocarpum</i>	
	<i>Heliotropium cunninghamii</i>	
	<i>Heliotropium heteranthum</i>	
	<i>Heliotropium inexplicitum</i>	
	<i>Heliotropium pachyphyllum</i>	
	<i>Heliotropium</i> sp.	
	<i>Heliotropium tanythrix</i>	
	<i>Heliotropium tenuifolium</i>	
	<i>Trichodesma zeylanicum</i> var. <i>zeylanicum</i>	
Brassicaceae	<i>Lepidium echinatum</i>	
	<i>Lepidium pedicellosum</i>	
	<i>Lepidium phlebopetalum</i>	
Campanulaceae	<i>Wahlenbergia tumidifruca</i>	
Capparaceae	<i>Capparis lasiantha</i>	

	<i>Capparis spinosa</i> subsp. <i>nummularia</i>	
	<i>Capparis umbonata</i>	
Caryophyllaceae	<i>Polycarpaea corymbosa</i> var. <i>corymbosa</i>	
	<i>Polycarpaea holtzei</i>	
	<i>Polycarpaea longiflora</i>	
Chenopodiaceae	<i>Dissocarpus paradoxus</i>	
	<i>Dysphania glomulifera</i> subsp. <i>eremaea</i>	
	<i>Dysphania kalpari</i>	
	<i>Dysphania melanocarpa</i> forma <i>melanocarpa</i>	
	<i>Dysphania rhadinostachya</i>	
	<i>Dysphania rhadinostachya</i> subsp. <i>inflata</i>	
	<i>Dysphania</i> sp.	
	<i>Enchylaena tomentosa</i>	
	<i>Enchylaena tomentosa</i> var. <i>tomentosa</i>	
	<i>Maireana georgei</i>	
	<i>Maireana planifolia</i>	
	<i>Maireana planifolia</i> x <i>villosa</i>	
	<i>Maireana villosa</i>	
	<i>Rhagodia eremaea</i>	
	<i>Rhagodia</i> sp. <i>Hammersley</i> (M. Trudgen 17794)	Priority 3
	<i>Salsola australis</i>	
	<i>Sclerolaena bicornis</i> var. <i>bicornis</i>	
	<i>Sclerolaena cornishiana</i>	
	<i>Sclerolaena costata</i>	
Cleomaceae	<i>Areocleome oxalidea</i>	
	<i>Arivela viscosa</i>	
Commelinaceae	<i>Commelina ensifolia</i>	
Convolvulaceae	<i>Bonamia alatisemina</i>	
	<i>Bonamia erecta</i>	
	<i>Bonamia pannosa</i>	
	<i>Bonamia pilbarensis</i>	
	<i>Convolvulus clementii</i>	
	<i>Cuscuta victoriana</i>	
	<i>Duperreya commixta</i>	
	<i>Evolvulus alsinoides</i>	
	<i>Evolvulus alsinoides</i> var. <i>decumbens</i>	
	<i>Evolvulus alsinoides</i> var. <i>villosicalyx</i>	
	<i>Ipomoea coptica</i>	
	<i>Ipomoea diamantinensis</i>	
	<i>Ipomoea lonchophylla</i>	
	<i>Ipomoea muelleri</i>	
	<i>Ipomoea polymorpha</i>	
	<i>Operculina aequisejala</i>	
	<i>Polymeria ambigua</i>	
	<i>Polymeria longifolia</i>	
	<i>Polymeria</i> sp.	
Cucurbitaceae	<i>Austrobryonia pilbarensis</i>	
	<i>Cucumis melo</i>	
	<i>Cucumis picrocarpus</i>	
	<i>Cucumis variabilis</i>	
Cyperaceae	<i>Bulbostylis barbata</i>	

	<i>Bulbostylis turbinata</i>	
	<i>Cyperus bifax</i>	
	<i>Cyperus cunninghamii</i> subsp. <i>cunninghamii</i>	
	<i>Cyperus difformis</i>	
	<i>Cyperus iria</i>	
	<i>Cyperus ixiocarpus</i>	
	<i>Cyperus leptocarpus</i>	
	<i>Cyperus pulchellus</i>	
	<i>Cyperus squarrosus</i>	
	<i>Cyperus vaginatus</i>	
	<i>Eleocharis atropurpurea</i>	
	<i>Fimbristylis dichotoma</i>	
	<i>Fimbristylis littoralis</i>	
	<i>Fimbristylis microcarya</i>	
	<i>Fimbristylis phaeoleuca</i>	
	<i>Fimbristylis simulans</i>	
	<i>Schoenoplectiella dissachantha</i>	
	<i>Schoenoplectiella laevis</i>	
Elatinaceae	<i>Bergia pedicellaris</i>	
Euphorbiaceae	<i>Adriana tomentosa</i> var. <i>tomentosa</i>	
	<i>Euphorbia australis</i> var. <i>glabra</i>	Priority 2
	<i>Euphorbia australis</i> var. <i>hispidula</i>	
	<i>Euphorbia australis</i> var. <i>subtomentosa</i>	
	<i>Euphorbia biconvexa</i>	
	<i>Euphorbia boophthona</i>	
	<i>Euphorbia careyi</i>	
	<i>Euphorbia coghlanii</i>	
	<i>Euphorbia drummondii</i>	
	<i>Euphorbia ferdinandi</i> var. <i>ferdinandi</i>	
	<i>Euphorbia inappendiculata</i> var. <i>inappendiculata</i>	Priority 2
	<i>Euphorbia inappendiculata</i> var. <i>queenslandica</i>	Priority 1
	<i>Euphorbia</i> sp.	
	<i>Euphorbia</i> sp. ( <i>biconvexa</i> / <i>coghlanii</i> / <i>trigonosperma</i> ; sterile)	
	<i>Euphorbia</i> sp. ( <i>boophthona</i> / <i>tannensis</i> )	
	<i>Euphorbia tannensis</i> subsp. <i>eremophila</i>	
	<i>Euphorbia trigonosperma</i>	
	<i>Euphorbia vaccaria</i> var. <i>erucoides</i>	
	<i>Euphorbia vaccaria</i> var. <i>vaccaria</i>	
Fabaceae	<i>Acacia ? victoriae</i>	
	<i>Acacia adoxa</i> var. <i>adoxo</i>	
	<i>Acacia ampliceps</i>	
	<i>Acacia ancistrocarpa</i>	
	<i>Acacia ancistrocarpa</i> x <i>trachycarpa</i>	
	<i>Acacia aneura</i> / <i>aptaneura</i>	
	<i>Acacia aptaneura</i>	
	<i>Acacia arida</i>	
	<i>Acacia atkinsiana</i>	
	<i>Acacia bivenosa</i>	
	<i>Acacia citrinoviridis</i>	
	<i>Acacia colei</i>	
	<i>Acacia cowleana</i>	

	<i>Acacia dictyophleba</i>	
	<i>Acacia elachantha</i>	
	<i>Acacia exigua</i>	
	<i>Acacia hamersleyensis</i>	
	<i>Acacia hilliania</i>	
	<i>Acacia inaequilatera</i>	
	<i>Acacia macraneura</i>	
	<i>Acacia maitlandii</i>	
	<i>Acacia melleodora</i>	
	<i>Acacia monticola</i>	
	<i>Acacia orthocarpa</i>	
	<i>Acacia pruinocarpa</i>	
	<i>Acacia pteraneura</i>	
	<i>Acacia ptychophylla</i>	
	<i>Acacia pyrifolia</i>	
	<i>Acacia pyrifolia</i> var. <i>pyrifolia</i>	
	<i>Acacia sclerosperma</i> subsp. <i>sclerosperma</i>	
	<i>Acacia</i> sp.	
	<i>Acacia spondylophylla</i>	
	<i>Acacia synchronica</i>	
	<i>Acacia tenuissima</i>	
	<i>Acacia tetragonophylla</i>	
	<i>Acacia trachycarpa</i>	
	<i>Acacia trudgeniana</i>	
	<i>Acacia tumida</i> var. <i>pilbarensis</i>	
	<i>Acacia victoriae</i> subsp. <i>victoriae</i>	
	<i>Acacia xiphophylla</i>	
	<i>Aeschynomene indica</i>	
	<i>Alysicarpus muelleri</i>	
	<i>Crotalaria dissitiflora</i> subsp. <i>benthamiana</i>	
	<i>Crotalaria medicaginea</i> var. <i>neglecta</i>	
	<i>Cullen cinereum</i>	
	<i>Cullen graveolens</i>	
	<i>Cullen leucanthum</i>	
	<i>Cullen leucochaites</i>	
	<i>Cullen martinii</i>	
	<i>Cullen pogonocarpum</i>	
	<i>Desmodiopsis campylocaulon</i>	
	<i>Glycine canescens</i>	
	<i>Glycine falcata</i>	Priority 3
	<i>Gompholobium oreophilum</i>	
	<i>Grona muelleri</i>	
	<i>Indigastrum parviflorum</i>	
	<i>Indigofera colutea</i>	
	<i>Indigofera georgei</i>	
	<i>Indigofera linifolia</i>	
	<i>Indigofera linnaei</i>	
	<i>Indigofera monophylla</i>	
	<i>Indigofera rugosa</i>	
	<i>Indigofera trita</i> subsp. <i>trita</i>	
	<i>Isotropis atropurpurea</i>	

	<i>Lotus cruentus</i>	
	<i>Mirbelia viminalis</i>	
	<i>Neptunia dimorphantha</i>	
	<i>Neptunia gracilis</i> forma <i>gracilis</i>	
	<i>Rhynchosia minima</i>	
	<i>Senna artemisioides</i> subsp. <i>helmsii</i>	
	<i>Senna artemisioides</i> subsp. <i>oligophylla</i>	
	<i>Senna artemisioides</i> subsp. <i>oligophylla</i> (thinly sericeous form MET 15,035)	
	<i>Senna artemisioides</i> subsp. <i>oligophylla</i> x ? <i>S. glutinosa</i> subsp. <i>glutinosa</i>	
	<i>Senna artemisioides</i> subsp. <i>oligophylla</i> x subsp. <i>helmsii</i>	
	<i>Senna artemisioides</i> subsp. x <i>artemisioides</i>	
	<i>Senna ferraria</i>	
	<i>Senna glaucifolia</i>	
	<i>Senna glutinosa</i> subsp. <i>glutinosa</i>	
	<i>Senna glutinosa</i> subsp. <i>glutinosa</i> x	
	<i>Senna glutinosa</i> subsp. <i>glutinosa</i> x <i>S. stricta</i>	
	<i>Senna glutinosa</i> subsp. <i>glutinosa</i> x subsp. x <i>luerssenii</i>	
	<i>Senna glutinosa</i> subsp. <i>pruinosa</i>	
	<i>Senna glutinosa</i> subsp. x <i>luerssenii</i>	
	<i>Senna hamersleyensis</i>	
	<i>Senna notabilis</i>	
	<i>Senna</i> sp. Karijini (M.E. Trudgen 10392)	
	<i>Senna</i> sp. Meekatharra (E. Bailey 1-26)	
	<i>Senna stricta</i>	
	<i>Senna stricta</i> x <i>S. glutinosa</i> subsp. <i>glutinosa</i>	
	<i>Senna symonii</i>	
	<i>Senna venusta</i>	
	<i>Sesbania cannabina</i>	
	<i>Sesbania formosa</i>	
	<i>Swainsona</i> ? <i>formosa</i>	
	<i>Swainsona formosa</i>	
	<i>Swainsona kingii</i>	
	<i>Swainsona</i> sp.	
	<i>Swainsona thompsoniana</i>	Priority 3
	<i>Tephrosia densa</i>	
	<i>Tephrosia oxalidea</i>	
	<i>Tephrosia rosea</i> (sens. lat.)	
	<i>Tephrosia rosea</i> var. <i>clementii</i>	
	<i>Tephrosia rosea</i> var. Fortescue creeks (M.I.H. Brooker 2186)	
	<i>Tephrosia</i> sp. Bungaroo Creek (M.E. Trudgen 11601)	
	<i>Tephrosia</i> sp. clay soils (S. van Leeuwen et al. PBS 0273)	
	<i>Tephrosia</i> sp. Newman (A.A. Mitchell PRP 29)	
	<i>Tephrosia</i> sp. NW Eremaean (S. van Leeuwen et al. PBS 0356)	
	<i>Tephrosia supina</i>	
	<i>Tephrosia virens</i>	
	* <i>Vachellia farnesiana</i>	Weed
	<i>Vigna lanceolata</i> var. <i>lanceolata</i>	
	<i>Vigna</i> sp. Hamersley Clay (A.A. Mitchell PRP 113)	
Goodeniaceae	<i>Brunonia</i> sp. Long hairs (D.E. Symon 2440)	
	<i>Dampiera candicans</i>	
	<i>Goodenia berringbinensis</i>	Priority 4

	<i>Goodenia connata</i>	
	<i>Goodenia cusackiana</i>	
	<i>Goodenia forrestii</i>	
	<i>Goodenia heterochila</i>	
	<i>Goodenia lamprosperma</i>	
	<i>Goodenia microptera</i>	
	<i>Goodenia muelleriana</i>	
	<i>Goodenia nuda</i>	Priority 4
	<i>Goodenia pascua</i>	
	<i>Goodenia prostrata</i>	
	<i>Goodenia stellata</i>	
	<i>Goodenia stobbsiana</i>	
	<i>Goodenia triodiophila</i>	
	<i>Scaevola amblyanthera</i> var. <i>centralis</i>	
	<i>Scaevola parvifolia</i> subsp. <i>pilbarae</i>	
	<i>Scaevola spinescens</i>	
Gyrostemonaceae	<i>Codonocarpus cotinifolius</i>	
Haloragaceae	<i>Gonocarpus ephemerus</i>	
	<i>Haloragis</i> sp.	
Lamiaceae	<i>Basilicum polystachyon</i>	
	<i>Clerodendrum floribundum</i> var. <i>angustifolium</i>	
	<i>Prostanthera albiflora</i>	
Lauraceae	<i>Cassytha capillaris</i>	
Loranthaceae	<i>Amyema preissii</i>	
	<i>Diplatia grandibractea</i>	
	<i>Lysiana casuarinae</i>	
Lythraceae	<i>Ammannia baccifera</i>	
	<i>Ammannia multiflora</i>	
	<i>Rotala diandra</i>	
	<i>Rotala mexicana</i>	
Malvaceae	<i>Abelmoschus ficulneus</i>	
	<i>Abutilon cunninghamii</i>	
	<i>Abutilon fraseri</i> subsp. <i>fraseri</i>	
	<i>Abutilon lepidum</i>	
	<i>Abutilon macrum</i>	
	<i>Abutilon malvifolium</i>	
	<i>Abutilon otocarpum</i>	
	<i>Abutilon oxycarpum</i> subsp. <i>Prostrate</i> (A.A. Mitchell PRP 1266)	
	<i>Abutilon</i> sp.	
	<i>Abutilon</i> sp. <i>Dioicum</i> (A.A. Mitchell PRP 1618)	
	<i>Abutilon</i> sp. <i>Pilbara</i> (W.R. Barker 2025)	
	<i>Brachychiton acuminatus</i>	
	<i>Corchorus aestuans</i>	
	<i>Corchorus crozophorifolius</i>	
	<i>Corchorus incanus</i> subsp. <i>incanus</i>	
	<i>Corchorus lasiocarpus</i> subsp. <i>parvus</i>	
	<i>Corchorus parviflorus</i>	
	<i>Corchorus sidoides</i> subsp. <i>sidoides</i>	
	<i>Corchorus</i> sp.	
	<i>Corchorus tectus</i>	
	<i>Corchorus tridens</i>	

	<i>Corchorus trilocularis</i>	
	<i>Gossypium australe</i>	
	<i>Gossypium australe</i> (Burrup Peninsula form)	
	<i>Gossypium robinsonii</i>	
	<i>Hibiscus brachysiphonius</i>	
	<i>Hibiscus burtonii</i>	
	<i>Hibiscus coatesii</i>	
	<i>Hibiscus leptocladus</i>	
	<i>Hibiscus</i> sp. Gardneri (A.L. Payne PRP 1435)	
	<i>Hibiscus</i> sp. Mt Brockman (E. Thoma ET 1354)	Priority 1
	<i>Hibiscus sturtii</i> var. <i>campylochlamys</i>	
	<i>Hibiscus sturtii</i> var. <i>grandiflorus</i>	
	<i>Hibiscus sturtii</i> var. <i>platychlamys</i>	
	<i>Hibiscus verdcourtii</i>	
	* <i>Malvastrum americanum</i>	Weed
	<i>Melhaniania oblongifolia</i>	
	<i>Seringia</i> ? <i>exastia</i>	
	<i>Seringia exastia</i>	Threatened
	<i>Seringia nephrosperma</i>	
	<i>Seringia</i> sp.	
	<i>Sida</i> ? <i>laevis</i>	
	<i>Sida arenicola</i>	
	<i>Sida arsinata</i>	
	<i>Sida clementii</i>	
	<i>Sida echinocarpa</i>	
	<i>Sida fibulifera</i>	
	<i>Sida laevis</i>	
	<i>Sida platycalyx</i>	
	<i>Sida rohlena</i> subsp. <i>rohlena</i>	
	<i>Sida</i> sp.	
	<i>Sida</i> sp. Articulation below (A.A. Mitchell PRP 1605)	
	<i>Sida</i> sp. dark green fruits (S. van Leeuwen 2260)	
	<i>Sida</i> sp. Hamersley Range (K. Newbey 10692)	Priority 3
	<i>Sida</i> sp. L (A.M. Ashby 4202)	
	<i>Sida</i> sp. Pilbara (A.A. Mitchell PRP 1543)	
	<i>Sida</i> sp. Shovelanna Hill (S. van Leeuwen 3842)	
	<i>Sida</i> sp. spiciform panicles (E. Leyland s.n. 14/8/90)	
	<i>Sida spinosa</i>	
	<i>Triumfetta chaetocarpa</i>	
	<i>Triumfetta clementii</i>	
	<i>Triumfetta maconochieana</i>	
	<i>Waltheria indica</i>	
	<i>Waltheria virgata</i>	
Marsileaceae	<i>Marsilea hirsuta</i>	
Molluginaceae	<i>Glinus lotoides</i>	
	<i>Glinus oppositifolius</i>	
	<i>Trigastrotheca molluginea</i>	
Moraceae	<i>Ficus brachypoda</i>	
Myrtaceae	<i>Corymbia deserticola</i> subsp. <i>deserticola</i>	
	<i>Corymbia ferritcola</i>	
	<i>Corymbia hamersleyana</i>	



	<i>Eucalyptus camaldulensis</i> subsp. <i>refulgens</i>	
	<i>Eucalyptus gamophylla</i>	
	<i>Eucalyptus leucophloia</i> subsp. <i>leucophloia</i>	
	<i>Eucalyptus victrix</i>	
	<i>Eucalyptus xerothermica</i>	
	<i>Melaleuca argentea</i>	
	<i>Melaleuca glomerata</i>	
Nyctaginaceae	<i>Boerhavia burbridgeana</i>	
	<i>Boerhavia coccinea</i>	
	<i>Boerhavia paludosa</i>	
	<i>Boerhavia repleta</i>	
	<i>Boerhavia</i> sp.	
Oleaceae	<i>Jasminum didymum</i> subsp. <i>lineare</i>	
Onagraceae	<i>Ludwigia perennis</i>	
Orobanchaceae	? <i>Buchnera</i> / <i>Striga</i> sp.	
	<i>Striga curviflora</i>	
	<i>Striga squamigera</i>	
Pedaliaceae	<i>Josephinia eugeniae</i>	
	<i>Josephinia</i> sp. Woodstock (A.A. Mitchell PRP 989)	Priority 1
Phrymaceae	<i>Mimulus gracilis</i>	
Phyllanthaceae	<i>Flueggea virosa</i> subsp. <i>melanthesoides</i>	
	<i>Notoleptopus decaisnei</i>	
	<i>Phyllanthus erwinii</i>	
	<i>Phyllanthus exilis</i>	
	<i>Phyllanthus maderaspatensis</i>	
Plantaginaceae	<i>Stemodia grossa</i>	
	<i>Stemodia kingii</i>	
Poaceae	? <i>Bothriochloa ewartiana</i>	
	<i>Amphipogon sericeus</i>	
	<i>Aristida</i> ? <i>inaequiglumis</i>	
	<i>Aristida burbridgeae</i>	
	<i>Aristida contorta</i>	
	<i>Aristida holathera</i> var. <i>holathera</i>	
	<i>Aristida inaequiglumis</i>	
	<i>Aristida jerichoensis</i> var. <i>subspinulifera</i>	Priority 3
	<i>Aristida latifolia</i>	
	<i>Aristida lazaridis</i>	Priority 2
	<i>Aristida obscura</i>	
	<i>Aristida pruinosa</i>	
	<i>Aristida</i> sp.	
	<i>Astrebla elymoides</i>	
	<i>Astrebla lappacea</i>	Priority 3
	<i>Astrebla pectinata</i>	
	<i>Bothriochloa ewartiana</i>	
	* <i>Cenchrus ciliaris</i>	Weed
	* <i>Cenchrus setiger</i>	Weed
	<i>Chloris pectinata</i>	
	<i>Chloris pumilio</i>	
	<i>Chrysopogon fallax</i>	
	<i>Cymbopogon ambiguus</i>	
	<i>Cymbopogon obtectus</i>	

	<i>Cymbopogon</i> sp.	
	<i>Cynodon convergens</i>	
	* <i>Cynodon dactylon</i>	Weed
	<i>Dactyloctenium radulans</i>	
	<i>Dichanthium sericeum</i>	
	<i>Dichanthium sericeum</i> subsp. <i>humilius</i>	
	<i>Dichanthium sericeum</i> subsp. <i>polystachyum</i>	
	<i>Dichanthium sericeum</i> subsp. <i>sericeum</i>	
	<i>Digitaria brownii</i>	
	<i>Digitaria ctenantha</i>	
	* <i>Echinochloa colona</i>	Weed
	<i>Elytrophorus spicatus</i>	
	<i>Enneapogon avenaceus</i>	
	<i>Enneapogon caerulescens</i>	
	<i>Enneapogon lindleyanus</i>	
	<i>Enneapogon polyphyllus</i>	
	<i>Enneapogon robustissimus</i>	
	<i>Enteropogon ramosus</i>	
	<i>Eragrostis cumingii</i>	
	<i>Eragrostis desertorum</i>	
	<i>Eragrostis elongata</i>	
	<i>Eragrostis eriopoda</i>	
	<i>Eragrostis exigua</i>	
	<i>Eragrostis falcata</i>	
	<i>Eragrostis leptocarpa</i>	
	<i>Eragrostis pergracilis</i>	
	<i>Eragrostis setifolia</i>	
	<i>Eragrostis tenellula</i>	
	<i>Eragrostis xerophila</i>	
	<i>Eriachne aristidea</i>	
	<i>Eriachne benthamii</i>	
	<i>Eriachne ciliata</i>	
	<i>Eriachne flaccida</i>	
	<i>Eriachne mucronata</i>	
	<i>Eriachne mucronata</i> (typical form)	
	<i>Eriachne pulchella</i>	
	<i>Eriachne tenuiculmis</i>	
	<i>Eriochloa pseudoacrotricha</i>	
	<i>Eulalia aurea</i>	
	<i>Eulalia simonii</i>	
	<i>Heteropogon contortus</i>	
	<i>Iseilema dolichotrichum</i>	
	<i>Iseilema macratherum</i>	
	<i>Iseilema membranaceum</i>	
	<i>Iseilema vaginiflorum</i>	
	<i>Mnesithea formosa</i>	
	<i>Panicum decompositum</i>	
	<i>Panicum effusum</i>	
	<i>Panicum laevinode</i>	
	<i>Panicum</i> sp.	
	<i>Paraneurachne muelleri</i>	

	<i>Paspalidium ? basicladum</i>	
	<i>Paspalidium basicladum</i>	
	<i>Paspalidium clementii</i>	
	<i>Paspalidium rarum</i>	
	<i>Perotis rara</i>	
	<i>Schizachyrium fragile</i>	
	<i>Setaria dielsii</i>	
	<i>Setaria surgens</i>	
	* <i>Setaria verticillata</i>	Weed
	<i>Sporobolus australasicus</i>	
	<i>Themeda sp. Hamersley Station (M.E. Trudgen 11431)</i>	Priority 3
	<i>Themeda sp. Mt Barricade (M.E. Trudgen 2471)</i>	
	<i>Themeda triandra</i>	
	<i>Tragus australianus</i>	
	<i>Triodia angusta</i>	
	<i>Triodia basitricha</i>	Priority 3
	<i>Triodia brizoides</i>	
	<i>Triodia epactia</i>	
	<i>Triodia longiceps</i>	
	<i>Triodia melvillei</i>	
	<i>Triodia wiseana</i>	
	<i>Tripogonella loliformis</i>	
	<i>Triraphis mollis</i>	
	<i>Urochloa occidentalis</i>	
	<i>Urochloa occidentalis var. ciliata</i>	
	<i>Urochloa occidentalis var. occidentalis</i>	
	<i>Urochloa piligera</i>	
	<i>Yakirra australiensis var. australiensis</i>	
Polygalaceae	<i>Polygala glaucifolia</i>	
Polygonaceae	* <i>Rumex vesicarius</i>	Weed
Portulacaceae	<i>Calandrinia pumila</i>	
	<i>Calandrinia sp.</i>	
	<i>Portulaca ? decipiens</i>	
	<i>Portulaca conspicua</i>	
	<i>Portulaca intraterranea</i>	
	<i>Portulaca oleracea</i>	
	<i>Portulaca oleracea/intraterranea</i>	
	* <i>Portulaca pilosa</i>	Weed
Proteaceae	<i>Grevillea ? pyramidalis subsp. leucadendron</i>	
	<i>Grevillea berryana</i>	
	<i>Grevillea pyramidalis</i>	
	<i>Grevillea pyramidalis subsp. leucadendron</i>	
	<i>Grevillea wickhamii</i>	
	<i>Grevillea wickhamii subsp. aprica</i>	
	<i>Grevillea wickhamii subsp. hispidula</i>	
	<i>Grevillea wickhamii subsp. macrodonta</i>	
	<i>Hakea chordophylla</i>	
	<i>Hakea lorea subsp. lorea</i>	
Pteridaceae	<i>Cheilanthes austrotenuifolia</i>	
	<i>Cheilanthes brownii</i>	
	<i>Cheilanthes sieberi subsp. sieberi</i>	

Rubiaceae	<i>Dolichocarpa crouchiana</i>	
	<i>Dolichocarpa</i> sp. Hamersley Station (A.A. Mitchell PRP 1479)	Priority 3
	<i>Psydrax latifolia</i>	
	<i>Psydrax suaveolens</i>	
	<i>Scleromitron galioides</i>	
	<i>Spermacoce brachystema</i>	
	<i>Synaptantha tillaeacea</i> var. <i>tillaeacea</i>	
Santalaceae	<i>Anthobolus leptomerioides</i>	
	<i>Santalum lanceolatum</i>	
Sapindaceae	<i>Alectryon oleifolius</i> subsp. <i>oleifolius</i>	
	<i>Atalaya hemiglauca</i>	
	<i>Dodonaea coriacea</i>	
	<i>Dodonaea lanceolata</i> var. <i>lanceolata</i>	
	<i>Dodonaea pachyneura</i>	
	<i>Dodonaea petiolaris</i>	
Scrophulariaceae	<i>Eremophila</i> ? <i>clarkei</i>	
	<i>Eremophila</i> ? <i>fraseri</i> subsp. <i>fraseri</i>	
	<i>Eremophila cuneifolia</i>	
	<i>Eremophila forrestii</i>	
	<i>Eremophila forrestii</i> subsp. <i>forrestii</i>	
	<i>Eremophila forrestii</i> x <i>latrobei</i>	
	<i>Eremophila fraseri</i> subsp. <i>fraseri</i>	
	<i>Eremophila lanceolata</i>	
	<i>Eremophila latrobei</i>	
	<i>Eremophila latrobei</i> subsp. <i>filiformis</i>	
	<i>Eremophila longifolia</i>	
	<i>Eremophila maculata</i> subsp. <i>brevifolia</i>	
	<i>Eremophila magnifica</i> subsp. <i>magnifica</i>	Priority 4
Solanaceae	* <i>Datura leichhardtii</i> subsp. <i>leichhardtii</i>	Weed
	<i>Nicotiana benthamiana</i>	
	<i>Nicotiana simulans</i>	
	<i>Solanum cleistogamum</i>	
	<i>Solanum diversiflorum</i>	
	<i>Solanum ferocissimum</i>	
	<i>Solanum gabrielae</i>	
	<i>Solanum horridum</i>	
	<i>Solanum lasiophyllum</i>	
	<i>Solanum piceum</i>	
	<i>Solanum</i> sp.	
Surianaceae	<i>Stylobasium spathulatum</i>	
Thymelaeaceae	<i>Pimelea ammocharis</i>	
	<i>Pimelea holroydii</i>	
Typhaceae	<i>Typha domingensis</i>	
Violaceae	<i>Afrohybanthus aurantiacus</i>	
Zygophyllaceae	<i>Tribulopsis angustifolia</i>	
	<i>Tribulus astrocarpus</i>	
	<i>Tribulus hirsutus</i>	
	<i>Tribulus macrocarpus</i>	
	<i>Tribulus platypterus</i>	
	* <i>Tribulus terrestris</i>	Weed

Accession Number:	8698
Specimen Number	Formal Identification
AL02	<i>Goodenia berringbinensis</i>
KTF-BB-07	<i>Hibiscus coatesii</i>
KTF01-22	<i>Streptoglossa adscendens</i>
KTF02-21	<i>Portulaca pilosa</i> s. lat.
KTF03-29	<i>Nicotiana simulans</i>
KTF03-36	<i>Aristida jerichoensis</i> var. <i>subspinulifera</i>
KTF04-42	<i>Streptoglossa adscendens</i>
KTF07-27	<i>Streptoglossa</i> sp. Cracking Clays (S. van Leeuwen et al. BBS 7353)
KTF08-34	<i>Sida laevis</i>
KTF09-10	<i>Acacia macraneura</i>
KTF10-07	<i>Aristida inaequiglumis</i>
KTF10-09	<i>Euphorbia ferdinandi</i> var. <i>ferdinandi</i>
KTF106-01	<i>Euphorbia vaccaria</i> var. <i>vaccaria</i>
KTF11-03	<i>Calandrinia pumila</i>
KTF11-28	<i>Josephinia eugeniae</i>
KTF117-02	<i>Corchorus lasiocarpus</i> subsp. <i>parvus</i>
KTF118-01	<i>Aristida inaequiglumis</i>
KTF12-01	<i>Acacia macraneura</i>
KTF12-17	<i>Aristida ?inaequiglumis</i>
KTF122-08	<i>Acacia dictyophleba</i>
KTF17-22	<i>Eriochloa pseudoacrotricha</i>
KTF19-10	<i>Themeda triandra</i>
KTF22-02	# <i>Streptoglossa</i> sp. Cracking Clays (S. van Leeuwen et al. BBS 7353)
KTF23-17	<i>Portulaca pilosa</i> s. lat.
KTF32-19	<i>Themeda triandra</i>
KTF36-08	<i>Aristida inaequiglumis</i>
KTF37-01	<i>Themeda triandra</i>
KTF37-06	<i>Desmodium muelleri</i>
KTF37-21	<i>Bothriochloa ewartiana</i>
KTF37-30	<i>Striga</i> sp./ <i>Buchnera</i> sp.
KTF39-05	<i>Polymeria</i> sp.
KTF49-01	<i>Aristida inaequiglumis</i>
KTF50-32	<i>Tephrosia rosea</i> s. lat.
KTF52-16	<i>Josephinia</i> sp. Woodstock (A.A. Mitchell PRP 989)
KTF59-09A	<i>Streptoglossa</i> sp. Cracking Clays (S. van Leeuwen et al. BBS 7353)
KTF62-02	<i>Lipocarpa microcephala</i>
KTF68-09	<i>Sida</i> sp. (aff. <i>fibulifera</i> )
KTF70-09	<i>Euphorbia coghlanii</i>
KTF70-12	<i>Euphorbia inappendiculata</i> var. <i>queenslandica</i>
KTF73-02	<i>Euphorbia inappendiculata</i> var. <i>inappendiculata</i>
KTF73-10	<i>Euphorbia coghlanii</i>
KTFPL14a	<i>Marsilea hirsuta</i>
KTFPL14b	<i>Marsilea hirsuta</i>
KTFPL16	<i>Fimbristylis phaeoleuca</i>
KTFPL35	<i>Grevillea wickhamii</i> subsp. <i>macrodongta</i>
KTFPL38	<i>Hibiscus</i> sp. Mt Brockman (E. Thoma ET 1354)
KTFREL01-10	<i>Euphorbia ferdinandi</i> var. <i>ferdinandi</i>
KTFREL04-15	<i>Nicotiana simulans</i>
KTFREL05-38	<i>Themeda triandra</i>
KTFREL06-21	<i>Themeda</i> sp. Hamersley Station (M.E. Trudgen MET 11431)
KTFREL07-09	<i>Nicotiana simulans</i>
KTFREL11-08	<i>Streptoglossa</i> sp. Cracking Clays (S. van Leeuwen et al. BBS 7353)



# Appendix 10

## Flora Site Data and Photographs







Site KTF01  
 Described by BRMMG Date 19/4/2020  
 Type Quadrat 50 x 50 m  
 Central Coord 50 572676 mE, 7516390 mN  
 Habitat Plain.  
 Soil Dark reddish brown (2.5YR 2.5/4) sandy clay loam.  
 Rock Type Ironstone, quartz.  
 Vegetation *Acacia aptaneura*, (*A. pruinocarpa*) low open woodland over *Hibiscus burtonii* scattered low shrubs over *Triodia epactia* hummock grassland over *Goodenia muelleriana*, *G. microptera* scattered herbs.  
 Veg Condition Excellent: very occasional \**Bidens*.  
 Fire Age No sign of recent fire.  
 Notes U1+ ^*Acacia aptaneura*,*Acacia pruinocarpa*^\^tree\6\r;M1 ^*Hibiscus burtonii*^\^shrub\1\bi;G1 ^*Triodia epactia*^\^hummock grass\1\c;G2 ^*Goodenia muelleriana*,*G. microptera*^\^forb\1\bi.

Name	Cover (%)	Height (cm)	Specimen	Notes
<i>Abutilon otocarpum</i>	0.1	40	KTF01-38, 37B	
<i>Acacia aptaneura</i>	3	250	KTF01-04	
<i>Acacia pruinocarpa</i>	1.5	400		
<i>Acacia tetragonophylla</i>	0.1	30		
<i>Areocleome oxalidea</i>	0.1	10	KTF01-12	
<i>Aristida contorta</i>	0.1	40	KTF01-20	
<i>Arivela viscosa</i>	0.1	12		
<i>Bidens bipinnata</i>	0.1	25	KTF01-26	N=15.
<i>Blumea tenella</i>	0.1	20	KTF01-07	
<i>Brunonia</i> sp. Long hairs (D.E. Symon 2440) PN	0.1	40	KTF01-16	
<i>Bulbostylis barbata</i>	0.1	4		
<i>Bulbostylis turbinata</i>	0.1	15	KTF01-29	
<i>Calandrinia pumila</i>	0.1	4	KTF01-24	Formal ID by M. Hislop (WAH)
<i>Calandrinia</i> sp.	0.1	2	KTF01-09	Sterile.
<i>Cheilanthes sieberi</i> subsp. <i>sieberi</i>	0.1	20	KTF01-08	
<i>Chloris pectinata</i>	0.1	30	KTF01-30	
<i>Chrysopogon fallax</i>	0.1	100		
<i>Cucumis variabilis</i>	0.1	40		
<i>Dysphania kalpari</i>	0.1	15	KTF01-41	
<i>Enneapogon caerulescens</i>	0.1	30		
<i>Enneapogon polyphyllus</i>	0.1	40	KTF01-14	
<i>Eragrostis cumingii</i>	0.1	20		
<i>Eragrostis pergracilis</i>	0.1	20	KTF01-02	
<i>Eriachne aristidea</i>	0.1	6		
<i>Eriachne pulchella</i>	0.1	15		
<i>Euphorbia australis</i> var. <i>hispidula</i>	0.1	5	KTF01-28	
<i>Euphorbia drummondii</i>	0.1	4	KTF01-13	
<i>Evolvulus alsinoides</i> var. <i>villosicalyx</i>	0.1	30		
<i>Gomphrena kanisii</i>	0.1	25	KTF01-27	
<i>Goodenia microptera</i>	0.1	35	KTF01-36	
<i>Goodenia muelleriana</i>	0.1	30	KTF01-06	
<i>Goodenia nuda</i>	0.1	35	KTF01-03	N=120.
<i>Goodenia prostrata</i>	0.1	10	KTF01-11	
<i>Hibiscus burtonii</i>	0.1	20		
<i>Iseilema membranaceum</i>	0.1	12	KTF01-34	

Name	Cover (%)	Height (cm)	Specimen	Notes
<i>Nicotiana simulans</i>	0.1	60	KTF01-25	Formal ID by M. Hislop (WAH)
<i>Paspalidium clementii</i>	0.1	50	KTF01-23	
<i>Paspalidium rarum</i>	0.1	12	KTF01-01	
<i>Peripleura arida</i>	0.1	30	KTF01-15	
<i>Perotis rara</i>	0.1	20		
<i>Polycarpaea corymbosa</i> var. <i>corymbosa</i>	0.1	7		
<i>Polygala glaucifolia</i>	0.1	5	KTF01-10	
<i>Portulaca oleracea</i> /intraterranea	0.1	5		
<i>Psydrax latifolia</i>	0.1	80		
<i>Pterocaulon sphacelatum</i>	0.1	15	KTF01-40	
<i>Ptilotus auriculifolius</i>	0.1	30		
<i>Ptilotus exaltatus</i>	0.1	15		
<i>Ptilotus fusiformis</i>	0.1	45		
<i>Ptilotus gaudichaudii</i>	0.1	35		
<i>Ptilotus helipteroides</i>	0.1	25		
<i>Ptilotus polystachyus</i>	0.1	50	KTF01-31	
<i>Ptilotus roei</i>	0.1	5	KTF01-35	
<i>Ptilotus schwartzii</i> var. <i>schwartzii</i>	0.1	60		
<i>Ptilotus xerophilus</i>	0.1	40	KTF01-32	
<i>Roebuckiella similis</i>	0.1	15	KTF01-33	
<i>Schizachyrium fragile</i>	0.1	30		
<i>Senna glaucifolia</i>	0.1	45		
<i>Senna glutinosa</i> subsp. <i>x luerssenii</i>	0.1	10	KTF01-39a	Juvenile.
<i>Senna notabilis</i>	0.1	10		
<i>Sesbania cannabina</i>	0.1	50		
<i>Sida platycalyx</i>	0.1	20	KTF01-37	
<i>Solanum ferocissimum</i>	0.1	40	KTF01-17	
<i>Spermacoce brachystema</i>	0.1	20	KTF01-19	
<i>Sporobolus australasicus</i>	0.1	15		
<i>Streptoglossa adscendens</i>	0.1	30	KTF01-22	Formal ID by M. Hislop (WAH).
<i>Streptoglossa bubakii</i>	0.1	15	KTF01-21	
<i>Synaptantha tillaeacea</i> var. <i>tillaeacea</i>	0.1	6	KTF01-18	
<i>Trachymene oleracea</i> subsp. <i>oleracea</i>	0.1	20		
<i>Triodia epactia</i>	40	50	KTF01-05	
<i>Vincetoxicum lineare</i>	0.1	60		



Site KTF02  
 Described by BRMMG Date 19/4/2020  
 Type Quadrat 50 x 50 m  
 Central Coord 50 572047 mE, 7518263 mN  
 Habitat Plain.  
 Soil Dark reddish brown (2.5YR 3/4) clay loam.  
 Rock Type Ironstone.  
 Vegetation *Acacia pruinocarpa*, *A. aptaneura* scattered low trees over *Eremophila fraseri* subsp. *fraseri* scattered shrubs over *Triodia epactia* scattered hummock grasses.  
 Veg Condition Excellent: very occasional \**Bidens*.  
 Fire Age No sign of recent fire.  
 Notes U1+ ^*Acacia pruinocarpa*, ^*Acacia aptaneura* ^tree\6\bi; M1 ^*Eremophila fraseri* subsp. *fraseri* ^shrub\3\bi; G1 ^*Triodia epactia* ^hummock grass\1\bi.

Name	Cover (%)	Height (cm)	Specimen	Notes
<i>Abutilon otocarpum</i>	0.1	6		
<i>Acacia aptaneura</i>	0.5	400	KTF01-04=	
<i>Acacia pruinocarpa</i>	1	450		
<i>Acacia tetragonophylla</i>	0.1	230		
<i>Areocleome oxalidea</i>	0.1	5	KTF01-12=	
<i>Aristida contorta</i>	0.1	30		
<i>Aristida holathera</i> var. <i>holathera</i>	0.1	20	KTF02-14	
<i>Arivela viscosa</i>	0.1	20		
<i>Bidens bipinnata</i>	0.1	30	KTF01-26=	N=20.
<i>Boerhavia coccinea</i>	0.1	10	KTF02-03	
<i>Bulbostylis barbata</i>	0.1	3		
<i>Cucumis variabilis</i>	0.1	20		
<i>Dichanthium sericeum</i> subsp. <i>humilius</i>	0.1	25		
<i>Digitaria ctenantha</i>	0.1	35	KTF02-10	
<i>Dysphania kalpari</i>	0.1	3	KTF01-41=	
<i>Enneapogon polyphyllus</i>	0.1	30	KTF02-04	
<i>Eragrostis cumingii</i>	0.1	20	KTF02-08	
<i>Eragrostis pergracilis</i>	0.1	12	KTF01-02=	
<i>Eremophila fraseri</i> subsp. <i>fraseri</i>	0.25	110		
<i>Eremophila latrobei</i> subsp. <i>filiformis</i>	0.1	110	KTF02-18	
<i>Eriachne aristidea</i>	0.1	20	KTF02-01	
<i>Euphorbia ferdinandii</i> var. <i>ferdinandii</i>	0.1	15	KTF02-06	Formal ID by M. Hislop (WAH) KTF10-09= or REL01-10=
<i>Evolvulus alsinoides</i> var. <i>villosicalyx</i>	0.1	20		
<i>Grevillea berryana</i>	0.1	100		
<i>Hibiscus burtonii</i>	0.1	10		
<i>Maireana planifolia</i> x <i>villosa</i>	0.1	12	kTF02-20	
<i>Neptunia dimorphantha</i>	0.1	10	KTF02-09	
<i>Panicum effusum</i>	0.1	25	KTF02-11	
<i>Paspalidium clementii</i>	0.1	20	KTF02-07	
<i>Perotis rara</i>	0.1	10		
<i>Phyllanthus erwinii</i>	0.1	15	KTF02-13	
<i>Portulaca pilosa</i> s. <i>lat</i>	0.1	12	KTF02-21	Formal ID by M. Hislop (WAH).
<i>Portulaca oleracea</i> /inraterranea	0.1	3		
<i>Ptilotus exaltatus</i>	0.1	5		
<i>Ptilotus gaudichaudii</i>	0.1	30		

Name	Cover (%)	Height (cm)	Specimen	Notes
<i>Ptilotus roei</i>	0.1	10	KTF02-02	
<i>Ptilotus schwartzii</i> var. <i>schwartzii</i>	0.1	40		
<i>Rhagodia</i> sp. Hamersley (M. Trudgen 17794)	0.1	170		N=1.
<i>Sclerolaena cornishiana</i>	0.1	30	KTF02-17	
<i>Senna artemisioides</i> subsp. <i>oligophylla</i> x subsp. <i>helmsii</i>	0.1	10	KTF02-19	
<i>Senna notabilis</i>	0.1	10		
<i>Sida platycalyx</i>	0.1	3		
<i>Sida</i> sp. L (A.M. Ashby 4202) PN	0.1	30	KTF02-12	
<i>Spermacoce brachystema</i>	0.1	20	KTF01-19=	
<i>Tribulus astrocarpus</i>	0.1	5		
<i>Triodia epactia</i>	1	30		Sterile.
<i>Triodia melvillei</i>	0.1	40	KTF02-15	
<i>Tripogonella loliiformis</i>	0.1	30	KTF02-05	
<i>Urochloa occidentalis</i> var. <i>occidentalis</i>	0.1	25	KTF02-16	



Site KTF03  
 Described by BRMMG Date 20/4/2020  
 Type Quadrat 62.5 x 40 m  
 Central Coord 50 569487 mE, 7524481 mN  
 Habitat Plain.  
 Soil Dark reddish brown (2.5YR 2.5/4) sandy clay loam.  
 Rock Type Ironstone; only a small amount of gravel present, no rocks as such.  
 Vegetation *Acacia aptaneura* low woodland over *Grevillea berryana* scattered tall shrubs over *Eremophila forrestii* subsp. *forrestii* scattered shrubs over *Triodia melvillei* scattered hummock grasses over *Eriachne benthamii*, (*Chrysopogon fallax*) open tussock grassland over *Eragrostis pergracilis*, *Eragrostis exigua* very open bunch grassland and *Portulaca oleracea*, *Spermacoce brachystema*, \**Bidens bipinnata*, *Calandrinia* sp., (*Blumea tenella*) very open herbland.  
 Veg Condition Good to Very Good: small patches of dense \**Bidens bipinnata*, \**Cenchrus*.  
 Fire Age No sign of recent fire.  
 Notes U1+ ^*Acacia aptaneura* ^tree\6\i;M1 ^*Grevillea berryana* ^shrub\4\bi;M2 *Eremophila forrestii* subsp. *forrestii* \shrub\3\bi;G1 ^*Eriachne benthamii*, *Chrysopogon fallax* ^tussock grass\2\i;G2 *Triodia melvillei* \hummock grass\1\bi.

Name	Cover (%)	Height (cm)	Specimen	Notes
<i>Abutilon otocarpum</i>	0.1	40		
<i>Acacia aptaneura</i>	25	600	KTF03-09	
<i>Alternanthera angustifolia</i>	0.1	20	KTF03-11	
<i>Areocleome oxalidea</i>	0.1	10		
<i>Aristida jerichoensis</i> var. <i>subspinulifera</i>	0.1	50	KTF03-36	N=10. Formal ID by M. Hislop (WAH).
<i>Aristida contorta</i>	0.1	40	KTF03-51	
<i>Aristida obscura</i>	0.1	40	KTF03-35	
<i>Arivela viscosa</i>	0.1	10		
<i>Bidens bipinnata</i>	2	35	N=2000.	
<i>Blumea tenella</i>	1	20	KTF03-10	
<i>Boerhavia coccinea</i>	0.1	30	KTF03-5,24	
<i>Bulbostylis barbata</i>	0.1	12		
<i>Bulbostylis turbinata</i>	0.1	15	KTF03-03	
<i>Calandrinia pumila</i>	0.1	3	KTF03-02	Formal ID by M. Hislop (WAH)
<i>Calandrinia</i> sp.	2	3	KTF01-09=	Sterile.
<i>Cenchrus ciliaris</i>	0.1	40	N=10.	
<i>Centipeda minima</i> subsp. <i>macrocephala</i>	0.1	10	KTF03-17	
<i>Cheilanthes sieberi</i> subsp. <i>sieberi</i>	0.1	30	KTF01-08=	
<i>Chloris pectinata</i>	0.1	40	KTF03-44	
<i>Chrysopogon fallax</i>	0.5	140		
<i>Corchorus tridens</i>	0.1	15	KTF03-47	
<i>Cucumis picrocarpus</i>	0.1	40	KTF03-38	12 large plants.
<i>Cucumis variabilis</i>	0.1	20		
<i>Cyperus iria</i>	0.1	30	KTF03-40	
<i>Datura leichhardtii</i> subsp. <i>leichhardtii</i>	0.1	20	KTF03-31	N=10. Also KTF03-33.
<i>Dichanthium sericeum</i> subsp. <i>humilius</i>	0.1	45		
<i>Digitaria brownii</i>	0.1	40	KTF03-26	
<i>Digitaria ctenantha</i>	0.1	40	KTF03-27	
<i>Dysphania glomulifera</i> subsp. <i>eremaea</i>	0.1	10	KTF03-21	
<i>Dysphania melanocarpa</i> forma	0.1	25	KTF03-07	

Name	Cover (%)	Height (cm)	Specimen	Notes
<i>melanocarpa</i>				
<i>Dysphania rhadinostachya</i> subsp. <i>inflata</i>	0.1	30	KTF03-43	
<i>Enneapogon caerulescens</i>	0.1	30		
<i>Enneapogon polyphyllus</i>	0.1	40	KTF01-14=	
<i>Eragrostis cumingii</i>	0.1	20	KTF03-15	
<i>Eragrostis exigua</i>	1	20	KTF03-12	
<i>Eragrostis leptocarpa</i>	0.1	35	KTF03-23	
<i>Eragrostis pergracilis</i>	4	20	KTF01-02=	
<i>Eremophila forrestii</i> subsp. <i>forrestii</i>	1	120		
<i>Eremophila longifolia</i>	0.1	20		
<i>Eriachne benthamii</i>	25	80	KTF03-4,52	
<i>Eriachne mucronata</i>	0.1	50	KTF03-25	Typical form. Erect hairs under sheaths.
<i>Eriachne pulchella</i>	0.1	20		
<i>Euphorbia ferdinandii</i> var. <i>ferdinandii</i>	0.1	12	KTF03-19	Formal ID by M. Hislop (WAH) KTF10-09= or REL01-10=
<i>Euphorbia drummondii</i>	0.1	15	KTF03-13	
<i>Evolvulus alsinoides</i> var. <i>villosicalyx</i>	0.1	20		
<i>Gomphrena cunninghamii</i>	0.1	10		
<i>Gomphrena lanata</i>	0.1	10	KTF03-22	
<i>Goodenia muelleriana</i>	0.1	30	KTF01-06=	
<i>Goodenia nuda</i>	0.1	40	N=45.	
<i>Goodenia prostrata</i>	0.1	20		
<i>Grevillea berryana</i>	1	350		
<i>Hibiscus burtonii</i>	0.1	40		
<i>Indigofera georgei</i>	0.1	100	KTF03-34	
<i>Indigofera linifolia</i>	0.1	20	KTF03-32	
<i>Indigofera linnaei</i>	0.1	20	KTF03-08	
<i>Iseilema membranaceum</i>	0.1	25	KTF03-45	
<i>Maireana planifolia</i> x <i>villosa</i>	0.1	40	KTF03-20	Also KTF03-50.
<i>Malvastrum americanum</i>	0.1	40	N=10.	
<i>Nicotiana simulans</i>	0.1	50	KTF03-29	Formal ID by M. Hislop (WAH)
<i>Panicum effusum</i>	0.1	20	REL01-13=	
<i>Paspalidium rarum</i>	0.1	20	KTF03-16	
<i>Perotis rara</i>	0.1	15		
<i>Phyllanthus erwinii</i>	0.1	20	KTF03-41	
<i>Polycarpaea corymbosa</i> var. <i>corymbosa</i>	0.1	15		
<i>Portulaca oleracea/intraterranea</i>	2	10		
<i>Psydrax latifolia</i>	0.1	110		
<i>Psydrax suaveolens</i>	0.1	150	KTF03-30	
<i>Ptilotus exaltatus</i>	0.1	5		
<i>Ptilotus gaudichaudii</i>	0.1	45	KTF03-06	
<i>Ptilotus helipteroides</i>	0.1	30		
<i>Ptilotus polystachyus</i>	0.1	20		
<i>Ptilotus roei</i>	0.1	5	KTF02-02=	
<i>Ptilotus xerophilus</i>	0.1	45	KTF03-01	
<i>Rhodanthe charsleyae</i>	0.1	8	KTF03-33B	
<i>Rhynchosia minima</i>	0.1	20	KTF03-39	
<i>Roebuckiella similis</i>	0.1	25	KTF03-18	
<i>Rostellularia adscendens</i> var. <i>clementii</i>	0.1	20	KTF03-42	
<i>Senna notabilis</i>	0.1	40		

Name	Cover (%)	Height (cm)	Specimen	Notes
<i>Sida platycalyx</i>	0.1	20		
<i>Sida</i> sp. L (A.M. Ashby 4202) PN	0.1	30	KTF03-14	
<i>Solanum piceum</i>	0.1	50	KTF03-37	
<i>Spermacoce brachystema</i>	2	20	KTF01-19=	
<i>Streptoglossa bubakii</i>	0.1	20	KTF01-21=	
<i>Swainsona</i> ? <i>formosa</i>	0.1	15	KTF03-49	Inadequate material.
<i>Trichodesma zeylanicum</i> var. <i>zeylanicum</i>	0.1	20		
<i>Triodia melvillei</i>	0.25	120	KTF03-28	
<i>Triodia wiseana</i>	0.1	40	KTF03-46	
<i>Urochloa occidentalis</i> var. <i>ciliata</i>	0.1	30	KTF03-48	



Site KTF04  
 Described by BRMMG Date 20/4/2020  
 Type Quadrat 50 x 50 m  
 Central Coord 50 568617 mE, 7529062 mN  
 Habitat Plain.  
 Soil Dark reddish brown (2.5YR 2.5/4) cracking clay.  
 Rock Type N/A.  
 Vegetation \**Vachellia farnesiana*, *Acacia victoriae* scattered shrubs over \**Cenchrus setiger*, \**C. ciliaris*, (*Chrysopogon fallax*) very open tussock grassland over *Urochloa occidentalis* var. *ciliata*, (*Chloris pectinata*, *Dactyloctenium radulans*, *Dichanthium sericeum* subsp. *humilius*, *Iseilema dolichotrichum*) closed annual grassland.  
 Veg Condition Good to Very Good: scattered shrubs of \**Vachellia farnesiana*, and other weeds also present.  
 Fire Age No sign of recent fire.  
 Notes Site is very dry and difficult to find specimens with fruit; \**Cenchrus* cover also difficult to assess.  
 M1 ^*Vachellia farnesiana*,^*Acacia victoriae*\^shrub\4\bi;G1+ ^*Cenchrus setiger*,^*Cenchrus ciliaris*,*Chrysopogon fallax*\^tussock grass\2\r;G2 *Urochloa occidentalis* var. *ciliata*,*Chloris pectinata*,*Dactyloctenium radulans*,*Dichanthium sericeum* subsp. *humilius*,*Iseilema dolichotrichum*\other grass\1\d.

Name	Cover (%)	Height (cm)	Specimen	Notes
<i>Abutilon malvifolium</i>	0.1	20	KTF04-08	
<i>Acacia victoriae</i> subsp. <i>victoriae</i>	0.5	120	KTF04-20	
<i>Astrebla elymoides</i>	0.1	50	KTF04-38	
<i>Astrebla lappacea</i>	0.1	50	KTF04-41	N=3.
<i>Astrebla pectinata</i>	0.1	40	KTF04-14	
<i>Boerhavia burbridgeana</i>	0.1	20		
<i>Boerhavia coccinea</i>	0.1	30	KTF04-39	
<i>Bothriochloa ewartiana</i>	0.1	70	KTF04-17	
<i>Cenchrus ciliaris</i>	2	50	N=300.	
<i>Cenchrus setiger</i>	2	50	N=300.	
<i>Chloris pectinata</i>	3	40	KTF04-2,34	
<i>Chrysopogon fallax</i>	1	110	Grazed.	
<i>Cullen cinereum</i>	0.1	20	KTF04-11	
<i>Cullen graveolens</i>	0.1	30	KTF04-03	
<i>Cynodon convergens</i>	0.1	40	KTF04-36	
<i>Dactyloctenium radulans</i>	3	20		
<i>Desmodiopsis campylocaulon</i>	0.1	30	KTF04-12	N=3.
<i>Dichanthium sericeum</i> subsp. <i>humilius</i>	3	45		
<i>Enneapogon avenaceus</i>	0.1	35	KTF04-21	Also KTF04-45.
<i>Enneapogon caerulescens</i>	0.1	30		
<i>Enneapogon polyphyllus</i>	0.1	50	KTF04-19	Also KTF04-29.
<i>Eragrostis setifolia</i>	0.1	45	KTF04-18	Also KTF04-22.
<i>Indigofera linifolia</i>	0.1	30	KTF04-06	
<i>Ipomoea polymorpha</i>	0.1	12	KTF04-13	
<i>Iseilema dolichotrichum</i>	0.5	20	KTF04-16	
<i>Iseilema macratherum</i>	0.1	45	KTF04-16B	
<i>Lotus cruentus</i>	0.1	10	KTF04-43	N=1.
<i>Maireana villosa</i>	0.1	10	KTF04-28	
<i>Malvastrum americanum</i>	0.1	20	N=20.	
<i>Neptunia dimorphantha</i>	0.1	35	KTF04-37	



Name	Cover (%)	Height (cm)	Specimen	Notes
<i>Panicum laevinode</i>	0.1	45	KTF04-4,40	
<i>Polymeria longifolia</i>	0.1	20	KTF04-35	
<i>Portulaca intraterranea</i>	0.1	20	KTF04-15	
<i>Portulaca oleracea/intraterranea</i>	0.1	15	KTF04-46	Seeds ~1mm long, distinctly nipped, black
<i>Ptilotus aevoides</i>	0.1	5		
<i>Ptilotus exaltatus</i>	0.1	5		
<i>Ptilotus gomphrenoides</i>	0.1	6	KTF04-01	
<i>Ptilotus roei</i>	0.1	5		
<i>Rhynchosia minima</i>	0.1	30		
<i>Rostellularia adscendens</i> var. <i>clementii</i>	0.1	15	KTF04-09	
<i>Sclerolaena bicornis</i> var. <i>bicornis</i>	0.1	40	KTF04-32	
<i>Sclerolaena cornishiana</i>	0.1	25	KTF04-44	
<i>Sclerolaena costata</i>	0.1	15	KTF04-33	
<i>Sida fibulifera</i>	0.1	30		
<i>Sporobolus australasicus</i>	0.1	20		
<i>Streptoglossa adscendens</i>	0.1	12	KTF04-42	N=5. Formal ID by M. Hislop (WAH).
<i>Tragus australianus</i>	0.1	30	KTF04-23	
<i>Trianthema triquetrum</i>	0.1	10	KTF04-31, 25	N=5.
<i>Tribulus terrestris</i>	0.1	15	KTF04-24	
<i>Urochloa occidentalis</i> var. <i>ciliata</i>	80	40	KTF04-7,27	
<i>Vachellia farnesiana</i>	0.5	190		N=15.
<i>Vigna</i> sp. Hamersley Clay (A.A. Mitchell PRP 113)	0.1	30	KTF04-05	N=15.



Site KTF05  
 Described by RM/SY Date 19/4/2020  
 Type Quadrat 50 x 50 m  
 Central Coord 50 570269 mE, 7522189 mN  
 Habitat Plain, sloping very gently to W; between Mulga groves.  
 Soil Dark reddish brown silty clay.  
 Rock Type Scattered ironstone.  
 Vegetation *Acacia macraneura*, *Grevillea berryana* scattered low trees over *A. tetragonophylla* scattered tall shrubs over *Aristida contorta* scattered bunch grasses and *Ptilotus roei*, (*Areocleome oxalidea*) very open herbland.  
 Veg Condition Very Good: some cattle scats.  
 Fire Age No sign of recent fire.  
 Notes Naturally low species richness. U1+ ^*Acacia macraneura*, ^*Grevillea berryana* ^tree\6\bi; M1 ^*Acacia tetragonophylla* ^shrub\4\bi; G1 *Aristida contorta* \other grass\1\bi; G2 ^*Ptilotus roei*, *Areocleome oxalidea* ^forb\1\r.

Name	Cover (%)	Height (cm)	Specimen	Notes
<i>Acacia macraneura</i>	1	500	KTF05-04	Formal ID by M. Hislop (WAH) KTF12-01=
<i>Acacia tetragonophylla</i>	0.5	250	KTF05-14	
<i>Areocleome oxalidea</i>	0.5	15	KTF05-01	
<i>Aristida contorta</i>	2	30	KTF05-07	
<i>Boerhavia coccinea</i>	0.1	20	KTF05-05	
<i>Dysphania</i> sp.	0.1	5	KTF05-25	Sterile, seedling.
<i>Enneapogon polyphyllus</i>	0.1	10	KTF05-06	
<i>Eriachne benthamii</i>	0.1	30	KTF05-19	
<i>Eriachne pulchella</i>	0.1	5	KTF05-12	
<i>Euphorbia ferdinandii</i> var. <i>ferdinandii</i>	0.1	3	KTF05-09	Formal ID by M. Hislop (WAH) KTF10-09= or REL01-10=
<i>Evolvulus alsinoides</i>	0.1	3	KTF05-21	Sterile.
<i>Goodenia prostrata</i>	0.1	5	KTF05-11	
<i>Grevillea berryana</i>	0.5	350	KTF05-16	
<i>Lepidium echinatum</i>	0.1	10	KTF05-24	
<i>Maireana planifolia</i> x <i>villosa</i>	0.1	20	KTF05-18	
<i>Paspalidium rarum</i>	0.1	20	KTF05-13	
<i>Portulaca intraterranea</i>	0.1	3	KTF05-17	
<i>Ptilotus gaudichaudii</i>	0.1	30	KTF05-08	
<i>Ptilotus helipteroides</i>	0.1	10	KTF05-23	
<i>Ptilotus roei</i>	1	15	KTF05-03	
<i>Ptilotus schwartzii</i> var. <i>schwartzii</i>	0.1	50	KTF05-15	
<i>Sida platycalyx</i>	0.1	5	KTF05-10	
<i>Solanum piceum</i>	0.1	10	KTF05-20	
<i>Tribulus astrocarpus</i>	0.1	10	KTF05-02	



Site KTF06  
 Described by RM/SY Date 19/4/2020  
 Type Quadrat 50 x 50 m  
 Central Coord 50 570275 mE, 7521085 mN  
 Habitat Plain, sloping very gently to W; between Mulga groves.  
 Soil Dark reddish brown silty clay.  
 Rock Type N/A.  
 Vegetation *Acacia macraneura*, (*Grevillea berryana*) scattered low trees over *A. tetragonophylla* scattered tall shrubs over *Aristida contorta* scattered bunch grasses.  
 Veg Condition Very Good: cattle scats; occasional weeds.  
 Fire Age No sign of recent fire.  
 Notes U1+ ^*Acacia macraneura*,*Grevillea berryana*^\^tree\6\bi;M1 ^*Acacia tetragonophylla*^\^shrub\4\bi;G1 ^*Aristida contorta*^\^other grass\1\bi.

Name	Cover (%)	Height (cm)	Specimen	Notes
<i>Acacia macraneura</i>	1.5	500	KTF05-04=	Formal ID by M. Hislop (WAH) KTF12-01=.
<i>Acacia tetragonophylla</i>	0.5	350	KTF05-14=	
<i>Areocleome oxalidea</i>	0.1	15	KTF05-01=	
<i>Aristida contorta</i>	2	30	KTF05-07=	
<i>Bidens bipinnata</i>	0.1	20	N=3.	
<i>Boerhavia coccinea</i>	0.1	20	KTF05-05=	
<i>Bulbostylis turbinata</i>	0.1	5	KTF06-14	
<i>Cheilanthes sieberi</i> subsp. <i>sieberi</i>	0.1	10	KTF06-12	
<i>Cucumis picrocarpus</i>	0.1	10	KTF06-08	
<i>Eragrostis pergracilis</i>	0.1	15	KTF06-04	
<i>Eremophila fraseri</i> subsp. <i>fraseri</i>	0.1	110	KTF06-02	
<i>Eriachne pulchella</i>	0.1	10	KTF06-03	
<i>Euphorbia ferdinandii</i> var. <i>ferdinandii</i>	0.1	7	KTF05-09=	Formal ID by M. Hislop (WAH)KTF10-09= or REL01-10=
<i>Evolvulus alsinoides</i>	0.1	3	KTF05-21=	Sterile.
<i>Goodenia microptera</i>	0.1	5	KTF06-20	
<i>Goodenia muelleriana</i>	0.1	7	KTF06-01	
<i>Goodenia nuda</i>	0.1	20	KTF06-06	
<i>Grevillea berryana</i>	0.5	350	KTF05-16=	
<i>Iseilema membranaceum</i>	0.1	10	KTF06-13	
<i>Lepidium echinatum</i>	0.1	10	KTF05-24=	
<i>Maireana planifolia</i> x <i>villosa</i>	0.1	30	KTF06-07	
<i>Paspalidium rarum</i>	0.1	20	KTF05-13=	
<i>Portulaca intraterranea</i>	0.1	3	KTF05-17=	
<i>Ptilotus gaudichaudii</i>	0.1	30	KTF05-08=	
<i>Ptilotus helipteroides</i>	0.1	10	KTF05-23=	
<i>Ptilotus roei</i>	0.1	15	KTF05-03=	
<i>Ptilotus schwartzii</i> var. <i>schwartzii</i>	0.1	60	KTF05-15=	
<i>Rhagodia</i> sp. Hamersley (M. Trudgen 17794)	0.1	170	KTF06-19	N=1.
<i>Senna artemisioides</i> subsp. <i>oligophylla</i> x subsp. <i>helmsii</i>	0.1	15	KTF06-10	
<i>Senna glaucifolia</i>	0.1	100	KTF06-16	
<i>Sida platycalyx</i>	0.1	5	KTF05-10=	
<i>Sida</i> sp.	0.1	5	KTF06-15	Poor material; juvenile.
<i>Solanum lasiophyllum</i>	0.1	30	KTF06-18	

Name	Cover (%)	Height (cm)	Specimen	Notes
<i>Spermacoce brachystema</i>	0.1	10	KTF06-11	
<i>Tribulus astrocarpus</i>	0.1	10	KTF05-02=	



Site KTF07  
 Described by RM/SY Date 20/4/2020  
 Type Quardat 50 x 50 m  
 Central Coord 50 568908 mE, 528101 mN  
 Habitat Cracking clay plain; scalded.  
 Soil Dark reddish brown silty clay; cracking.  
 Rock Type N/A.  
 Vegetation \**Vachellia farnesiana* scattered tall shrubs over *Chrysopogon fallax* very open tussock grassland over *Urochloa occidentalis* var. *ciliata*, (*Dactyloctenium radulans*, *Chloris pectinata*) annual grassland and *Cullen cinereum*, (*Trianthema triquetrum*, *Boerhavia burbridgeana*) very open herbland.  
 Veg Condition Very Good: scattered weeds; signs of cattle.  
 Fire Age No sign of recent fire.  
 Notes Very dry, most species dying off. M1 ^*Vachellia farnesiana*\^shrub\4\bi;G1+ ^*Chrysopogon fallax*\^tussock grass\2\r;G2 *Urochloa occidentalis* var. *ciliata*,*Dactyloctenium radulans*,*Chloris pectinata*,*Cullen cinereum*,*Trianthematriquetrum*\other grass,forb\1\c.

Name	Cover (%)	Height (cm)	Specimen	Notes
<i>Acacia synchronicia</i>	0.1	50	KTF07-18	
<i>Arivela viscosa</i>	0.1	70	KTF07-35	
<i>Boerhavia burbridgeana</i>	0.5	90	KTF07-14	
<i>Cenchrus ciliaris</i>	0.1	30		N=200.
<i>Cenchrus setiger</i>	0.1	40		N=1.
<i>Chloris pectinata</i>	1	50	KTF07-20	
<i>Chrysopogon fallax</i>	7	110	KTF07-01	
<i>Convolvulus clementii</i>	0.1	50	KTF07-7,32	
<i>Cucumis picrocarpus</i>	0.1	30	KTF07-17	
<i>Cullen cinereum</i>	2	20	KTF07-05	
<i>Cullen graveolens</i>	0.1	15	KTF07-36	
<i>Dactyloctenium radulans</i>	5	30	KTF07-02	
<i>Dichanthium sericeum</i> subsp. <i>humilius</i>	0.1	40	KTF07-21	
<i>Dysphania rhadinostachya</i> subsp. <i>inflata</i>	0.1	10	KTF07-15	
<i>Enneapogon polyphyllus</i>	0.1	10	KTF07-30	
<i>Euphorbia ferdinandii</i> var. <i>ferdinandii</i>	0.1	5	KTF07-19	Formal ID by M. Hislop (WAH) KTF10-09= or REL01-10=
<i>Indigofera linifolia</i>	0.1	30	KTF07-28	
<i>Indigofera trita</i> subsp. <i>trita</i>	0.1	30	KTF07-33	
<i>Ipomoea lonchophylla</i>	0.1	10	KTF07-32A	
<i>Iseilema macratherum</i>	0.1	60	KTF07-34	
<i>Lotus cruentus</i>	0.1	10	KTF07-22	
<i>Maireana planifolia</i> x <i>villosa</i>	0.1	20	KTF07-25	
<i>Malvastrum americanum</i>	0.1	30	N=10.	
<i>Portulaca oleracea</i>	2	30	KTF07-03	
<i>Ptilotus aervoides</i>	0.1	5	KTF07-10	
<i>Ptilotus exaltatus</i>	0.1	5	KTF07-13	
<i>Ptilotus helipteroides</i>	0.1	10	KTF07-11	
<i>Ptilotus xerophilus</i>	0.1	40	KTF07-9,29	
<i>Rhynchosia minima</i>	0.1	7	KTF07-06	
<i>Salsola australis</i>	0.1	70		
<i>Sclerolaena cornishiana</i>	0.1	20	KTF07-12	
<i>Sclerolaena costata</i>	0.1	30	KTF07-24a	
<i>Sida fibulifera</i>	0.1	15	KTF07-24b	'sens. lat.'

Name	Cover (%)	Height (cm)	Specimen	Notes
<i>Sporobolus australasicus</i>	0.1	10		
<i>Streptoglossa</i> sp. Cracking clays (S. van Leeuwen et al. PBS 7353)	0.1	15	KTF07-27	Formal ID by M. Hislop (WAH).
<i>Tragus australianus</i>	0.1	15	KTF07-26	
<i>Trianthema triquetrum</i>	1	20	KTF07-08	
<i>Urochloa occidentalis</i> var. <i>ciliata</i>	30	40	KTF07-04	
<i>Vachellia farnesiana</i>	1.5	250		N=23.



Site KTF08  
 Described by RM/SY Date 20/4/2020  
 Type Quadrat 50 x 50 m  
 Central Coord 50 568870 mE, 7530919 mN  
 Habitat Cracking clay plain.  
 Soil Dark reddish brown light clay; self-mulching.  
 Rock Type N/A.  
 Vegetation *Astrebla lappacea*, (*Themeda* sp. Hamersley Station (M.E. Trudgen 11431)) tussock grassland.  
 Veg Condition Very Good: signs of cattle; old track running through.  
 Fire Age No sign of recent fire.  
 Notes G1+ ^*Astrebla lappacea*,*Themeda* sp. Hamersley Station (M.E. Trudgen 11431)\^tussock grass\2\c.

Name	Cover (%)	Height (cm)	Specimen	Notes
<i>Abutilon malvifolium</i>	0.1	20	KTF08-4,36	
<i>Acacia victoriae</i> subsp. <i>victoriae</i>	0.1	100	KTF08-42	
<i>Alysicarpus muelleri</i>	0.1	40	KTF08-17	Also KTF08-20.
<i>Astrebla lappacea</i>	60	80	KTF08-1,27	
<i>Boerhavia burbidgeana</i>	0.1	40	KTF07-14=	
<i>Chloris pectinata</i>	0.1	20	KTF07-20=	
<i>Corchorus tridens</i>	0.1	40	KTF08-22	
<i>Crotalaria dissitiflora</i> subsp. <i>benthamiana</i>	0.1	45	KTF08-10	
<i>Cucumis picrocarpus</i>	0.1	50	KTF08-39	
<i>Cullen graveolens</i>	0.1	30	KTF08-29	
<i>Dactyloctenium radulans</i>	0.1	25	KTF07-02=	
<i>Desmodiopsis campylocaulon</i>	0.1	30	KTF08-41	
<i>Dichanthium sericeum</i> subsp. <i>humilius</i>	0.1	30	KTF08-38	
<i>Enneapogon caerulescens</i>	0.1	15	KTF08-11	
<i>Enneapogon polyphyllus</i>	0.1	30	KTF08-21	
<i>Eragrostis pergracilis</i>	0.1	7	KTF08-09	
<i>Euphorbia trigonosperma</i>	0.1	20	KTF08-26	Match to WAH ID.
<i>Evolvulus alsinoides</i> var. <i>villosicalyx</i>	0.1	15		
<i>Goodenia pascua</i>	0.1	25	KTF08-37	
<i>Heliotropium conocarpum</i>	0.1	20	KTF08-18	
<i>Hibiscus verdcourtii</i>	0.1	50	KTF08-12	
<i>Indigastrum parviflorum</i>	0.1	40	KTF08-07	
<i>Indigofera linifolia</i>	0.1	40	KTF08-31	
<i>Indigofera trita</i> subsp. <i>trita</i>	0.1	30	KTF08-40	
<i>Ipomoea lonchophylla</i>	0.1	50	KTF08-05	
<i>Iseilema macratherum</i>	0.1	50	KTF08-28	
<i>Operculina aequisepala</i>	0.1	30	N=1.	
<i>Panicum decompositum</i>	0.1	40	KTF08-30	Also KTF08-43.
<i>Panicum laevinode</i>	0.1	60	KTF08-35	
<i>Phyllanthus maderaspatensis</i>	0.1	30	KTF08-3,25	
<i>Polymeria longifolia</i>	0.1	30	KTF08-06	
<i>Portulaca intraterranea</i>	0.1	15	KTF08-15	
<i>Portulaca oleracea</i> /intra-terranea	0.1	10		
<i>Ptilotus carinatus</i>	0.1	20	KTF08-32	
<i>Ptilotus exaltatus</i>	0.1	20		
<i>Rhynchosia minima</i>	0.1	30		
<i>Sida laevis</i>	0.1	30	KTF08-34	Formal ID by M. Hislop (WAH).
<i>Sida laevis</i>	0.1	20	KTF08-13	Formal ID by

Name	Cover (%)	Height (cm)	Specimen	Notes
				M. Hislop (WAH) KTF08-34=
<i>Sida fibulifera</i>	0.1	30	KTF08-24	'sens. lat.'
<i>Sida spinosa</i>	0.1	30	KTF08-8,23	
<i>Sporobolus australasicus</i>	0.1	25		
<i>Streptoglossa bubakii</i>	0.1	10	KTF08-19	
<i>Themeda</i> sp. Hamersley Station (M.E. Trudgen 11431)	2	120	KTF08-02	
<i>Trianthema triquetrum</i>	0.1	10	KTF07-08=	
<i>Urochloa occidentalis</i> var. <i>ciliata</i>	0.1	30	KTF08-16	
<i>Urochloa occidentalis</i> var. <i>occidentalis</i>	0.1	30	KTF08-33	
<i>Vigna</i> sp. Hamersley Clay (A.A. Mitchell PRP 113)	0.1	15	KTF08-14	





Site KTF09  
 Described by PL/AL Date 19/4/2020  
 Type Quadrat 50 x 50 m  
 Central Coord 50 574095 mE, 7512912 mN  
 Habitat Flat plain.  
 Soil Reddish brown silty clay loam.  
 Rock Type Ironstone.  
 Vegetation *A. pruinocarpa*, (*A. aptaneura*, *A. macraneura*, *A. ? aneura*, *Corymbia hamersleyana*) low woodland over *Senna glutinosa* subsp. *x luerssenii* scattered shrubs over *Triodia epactia*, (*T. melvillei*) open hummock grassland and *Chrysopogon fallax* scattered tussock grasses.  
 Veg Condition Very Good: cattle tracks and scats; scattered weeds.  
 Fire Age No sign of recent fire.  
 Notes U1+ ^*Acacia pruinocarpa*,*Acacia aptaneura*,*Acacia macraneura*,*Acacia ? aneura*,*Corymbia hamersleyana* ^tree\6\i;M1 ^*Senna glutinosa* subsp. *x luerssenii* ^shrub\3\bi;G1 ^*Triodia epactia*,*Triodia melvillei* ^hummock grass\1\i;G2 *Chrysopogon fallax* ^tussock grass\2\bi.

Name	Cover (%)	Height (cm)	Specimen	Notes
<i>Abutilon otocarpum</i>	0.1	30		
<i>Acacia macraneura</i>	2	750	KTF09-10	Formal ID by M. Hislop (WAH)
<i>Acacia aneura / aptaneura</i>	1	500	KTF09-09	
<i>Acacia aptaneura</i>	2.5	850	KTF09-01	
<i>Acacia pruinocarpa</i>	11	700		
<i>Acacia sclerosperma</i> subsp. <i>sclerosperma</i>	0.1	400		
<i>Aristida contorta</i>	0.1	20		
<i>Arivela viscosa</i>	0.1	25		
<i>Austrobryonia pilbarensis</i>	0.1	10	KTF09-14	
<i>Bidens bipinnata</i>	0.1	15		N=35.
<i>Blumea tenella</i>	0.1	10	KTF09-06	
<i>Bulbostylis barbata</i>	0.1	5		
<i>Bulbostylis turbinata</i>	0.1	10		
<i>Cheilanthes sieberi</i> subsp. <i>sieberi</i>	0.1	15		
<i>Chrysopogon fallax</i>	0.5	160		
<i>Corymbia hamersleyana</i>	0.5	500		
<i>Cucumis variabilis</i>	0.1	20		
<i>Dichanthium sericeum</i> subsp. <i>humilius</i>	0.1	20		
<i>Digitaria brownii</i>	0.1	40		
<i>Duperreya commixta</i>	0.1	20		
<i>Dysphania kalpari</i>	0.1	10	KTF09-11	
<i>Enchylaena tomentosa</i> var. <i>tomentosa</i>	0.1	30		
<i>Enneapogon caerulescens</i>	0.1	20		
<i>Enneapogon polyphyllus</i>	0.1	20		
<i>Eragrostis cumingii</i>	0.1	15		
<i>Eragrostis pergracilis</i>	0.1	15	KTF09-03	
<i>Eremophila forrestii</i> subsp. <i>forrestii</i>	0.1	100		
<i>Eriachne aristidea</i>	0.1	20		
<i>Eriachne pulchella</i>	0.1	10		
<i>Euphorbia australis</i> var. <i>hispidula</i>	0.1	5	KTF09-02	
<i>Euphorbia boophthona</i>	0.1	25		
<i>Euphorbia drummondii</i>	0.1	15	KTF09-08	
<i>Evolvulus alsinoides</i> var. <i>villosicalyx</i>	0.1	15		

Name	Cover (%)	Height (cm)	Specimen	Notes
<i>Goodenia forrestii</i>	0.1	3		
<i>Goodenia microptera</i>	0.1	30		
<i>Goodenia muelleriana</i>	0.1	2		
<i>Goodenia nuda</i>	0.1	40		N=10.
<i>Hibiscus burtonii</i>	0.1	7		
<i>Indigofera georgei</i>	0.1	10		
<i>Iseilema membranaceum</i>	0.1	20	KTF09-07	
<i>Maireana planifolia</i> x <i>villosa</i>	0.1	60	KTF09-16	
<i>Maireana villosa</i>	0.1	40		
<i>Panicum effusum</i>	0.1	20		
<i>Paraneurachne muelleri</i>	0.1	3		
<i>Paspalidium basicladum</i>	0.1	40	KTF09-04	
<i>Paspalidium clementii</i>	0.1	20	KTF09-05	
<i>Paspalidium rarum</i>	0.1	15	KTF09-13	
<i>Perotis rara</i>	0.1	20		
<i>Phyllanthus erwinii</i>	0.1	5		
<i>Polycarpaea corymbosa</i> var. <i>corymbosa</i>	0.1	15		
<i>Polygala glaucifolia</i>	0.1	8	KTF09-15	
<i>Portulaca oleracea</i> /intraterranea	0.1	5	KTF09-12	Seeds to ~0.6mm, long, black, finely nipped
<i>Ptilotus astrolasius</i>	0.1	30		
<i>Ptilotus auriculifolius</i>	0.1	30		
<i>Ptilotus exaltatus</i>	0.1	20		
<i>Ptilotus fusiformis</i>	0.1	40		
<i>Ptilotus gaudichaudii</i>	0.1	15		
<i>Ptilotus helipteroides</i>	0.1	20		
<i>Ptilotus obovatus</i> var. <i>obovatus</i>	0.1	20		
<i>Ptilotus polystachyus</i>	0.1	40		
<i>Ptilotus roei</i>	0.1	20	KTF09-18	
<i>Ptilotus rotundifolius</i>	0.1	5		
<i>Ptilotus schwartzii</i> var. <i>schwartzii</i>	0.1	40		
<i>Rhagodia</i> sp. Hamersley (M. Trudgen 17794)	0.1	100		N=2.
<i>Sclerolaena cornishiana</i>	0.1	40		
<i>Senna glutinosa</i> subsp. <i>glutinosa</i>	0.1	150		
<i>Senna glutinosa</i> subsp. x <i>luerssenii</i>	0.5	140	KTF09-17	
<i>Senna notabilis</i>	0.1	5		
<i>Sida platycalyx</i>	0.1	10		
<i>Sida</i> sp. Hamersley Range (K. Newbey 10692) PN	0.1	50		
<i>Sida</i> sp. L (A.M. Ashby 4202) PN	0.1	20		
<i>Spermacoce brachystema</i>	0.1	15		
<i>Sporobolus australasicus</i>	0.1	15		
<i>Streptoglossa bubakii</i>	0.1	5		
<i>Synaptantha tillaeacea</i> var. <i>tillaeacea</i>	0.1	10		
<i>Trachymene oleracea</i> subsp. <i>oleracea</i>	0.1	20	KTF10-11X=	
<i>Tribulus astrocarpus</i>	0.1	5		
<i>Trichodesma zeylanicum</i> var. <i>zeylanicum</i>	0.1	20		
<i>Triodia epactia</i>	15	80		
<i>Triodia melvillei</i>	3	90		
<i>Vincetoxicum lineare</i>	0.1	80		



Site KTF10  
 Described by PL/AL Date 19/4/2020  
 Type Quadrat 62.5 x 40 m  
 Central Coord 50 573467 mE, 7514680 mN  
 Habitat Plain  
 Soil Dark reddish brown silty clay loam.  
 Rock Type Scattered ironstone.  
 Vegetation *Acacia macraneura*, (*Grevillea berryana*, *A. pruinocarpa*) low woodland over *Psydrax latifolia*, (*Rhagodia* sp. Hamersley (M. Trudgen 17794)) tall open shrubland over *Senna glutinosa* subsp. *glutinosa* scattered shrubs over *Dodonaea petiolaris*, (*Maireana villosa*) scattered low shrubs over *Triodia epactia*, (*T. melvillei*) very open hummock grassland over *Aristida obscura* very open tussock grassland and *\*Bidens bipinnata*, (*Ptilotus gaudichaudii*) very open hermland.  
 Veg Condition Very Good: cattle scats; some weeds, particularly *\*Bidens*.  
 Fire Age Very long unburnt.  
 Notes U1+ ^*Acacia macraneura*,*Grevillea berryana*,*Acacia pruinocarpa* \ ^tree\6\i;M1 ^*Psydrax latifolia*,*Rhagodia* sp. Hamersley (M. Trudgen 17794) \ ^shrub\4\r;M2 *Senna glutinosa* subsp. *glutinosa* \shrub\3\bi;M3 *Dodonaea petiolaris*,*Maireana villosa* \shrub\1\bi;G1 ^*Triodia epactia*,*Triodia melvillei* \ ^hummock grass\1\r;G2 *Aristida obscura*,*Bidens bipinnata*,*Ptilotus gaudichaudii* \tussock grass,forb\1\r.

Name	Cover (%)	Height (cm)	Specimen	Notes
<i>Abutilon lepidum</i>	0.1	40		Form 1.
<i>Abutilon otocarpum</i>	0.1	20		N=1000.
<i>Acacia macraneura</i>	18	700	KTF10-01a	Formal ID by M. Hislop (WAH)KTF12-01=
<i>Acacia pruinocarpa</i>	2	650		N=1.
<i>Amaranthus cuspidifolius</i>	0.1	30		N=3.
<i>Amaranthus undulatus</i>	0.1	40		
<i>Areocleome oxalidea</i>	0.1	10		
<i>Aristida inaequiglumis</i>	0.1	40	KTF10-07	Formal ID by M. Hislop (WAH).
<i>Aristida obscura</i>	3	30		
<i>Arivela viscosa</i>	0.1	50		
<i>Bidens bipinnata</i>	3	40		N=1000.
<i>Boerhavia coccinea</i>	0.1	30		
<i>Cheilanthes sieberi</i> subsp. <i>sieberi</i>	0.1	25		
<i>Chrysopogon fallax</i>	0.1	120		
<i>Cucumis variabilis</i>	0.1	60		
<i>Cynanchum viminale</i> subsp. <i>australe</i>	0.1	50		
<i>Dodonaea petiolaris</i>	1	60		
<i>Duperreya commixta</i>	0.1	60		
<i>Dysphania kalpari</i>	0.1	20		
<i>Enneapogon caeruleascens</i>	0.1	30		
<i>Enneapogon polyphyllus</i>	0.1	30		
<i>Eragrostis pergracilis</i>	0.1	20	KTF01-02=	
<i>Eremophila forrestii</i> subsp. <i>forrestii</i>	0.1	100		
<i>Eriachne aristidea</i>	0.1	30		
<i>Eriachne pulchella</i>	0.1	15		
<i>Euphorbia ferdinandii</i> var. <i>ferdinandii</i>	0.1	15	KTF10-09	N=1. Formal ID by M. Hislop (WAH)
<i>Euphorbia boophthona</i>	0.1	50		

Name	Cover (%)	Height (cm)	Specimen	Notes
<i>Euphorbia drummondii</i>	0.1	20	KTF10-03	
<i>Evolvulus alsinoides</i> var. <i>villosicalyx</i>	0.1	30		
<i>Gomphrena kanisii</i>	0.1	25		
<i>Goodenia muelleriana</i>	0.1	30		
<i>Goodenia nuda</i>	0.1	30	KTF10-11	N=1.
<i>Goodenia prostrata</i>	0.1	8		
<i>Grevillea berryana</i>	3	800		
<i>Hibiscus burtonii</i>	0.1	40		
<i>Hibiscus sturtii</i> var. <i>grandiflorus</i>	0.1	10	KTF10-04	
<i>Indigofera georgei</i>	0.1	40		
<i>Iseilema membranaceum</i>	0.1	25	KTF10-06	
<i>Lepidium phlebopetalum</i>	0.1	10	KTF10-05	
<i>Maireana planifolia</i> x <i>villosa</i>	0.1	40		
<i>Maireana villosa</i>	0.5	50		
<i>Nicotiana simulans</i> (type 1)	0.1	50	KTF10-12	Formal ID by M. Hislop (WAH) REL07-09=
<i>Nicotiana simulans</i> (type 2)	0.1	40	KTF10-01b	Formal ID by M. Hislop (WAH) REL04-15=.
<i>Panicum effusum</i>	0.1	40		
<i>Paspalidium clementii</i>	0.1	30		
<i>Perotis rara</i>	0.1	15		
<i>Phyllanthus erwinii</i>	0.1	8		
<i>Portulaca oleracea</i> /intraterranea	0.1	15		
<i>Psydrax latifolia</i>	4	300		
<i>Ptilotus aevroides</i>	0.1	10		
<i>Ptilotus exaltatus</i>	0.1	20		
<i>Ptilotus gaudichaudii</i>	0.5	40		
<i>Ptilotus helipteroides</i>	0.1	30		
<i>Ptilotus obovatus</i> var. <i>obovatus</i>	0.1	50		
<i>Ptilotus polystachyus</i>	0.1	40		
<i>Ptilotus roei</i>	0.1	25		
<i>Ptilotus schwartzii</i> var. <i>schwartzii</i>	0.1	60		
<i>Ptilotus xerophilus</i>	0.1	40	REL07-11=	
<i>Rhagodia</i> sp. Hamersley (M. Trudgen 17794)	0.5	250		N=3.
<i>Roebuckiella similis</i>	0.1	20	REL07-04=	
<i>Salsola australis</i>	0.1	30		
<i>Senna glaucifolia</i>	0.1	40		
<i>Senna glutinosa</i> subsp. <i>glutinosa</i>	1	140		
<i>Senna notabilis</i>	0.1	30		
<i>Sida</i> sp. dark green fruits (S. van Leeuwen 2260)	0.1	80		
<i>Sida</i> sp. L (A.M. Ashby 4202) PN	0.25	30		
<i>Solanum ferocissimum</i>	0.1	25		
<i>Solanum lasiophyllum</i>	0.1	30		
<i>Spermacoce brachystema</i>	0.1	15		
<i>Sporobolus australasicus</i>	0.1	30		
<i>Trachymene oleracea</i> subsp. <i>oleracea</i>	0.1	10	KTF11X	
<i>Tribulus astrocarpus</i>	0.1	20		
<i>Trichodesma zeylanicum</i> var. <i>zeylanicum</i>	0.1	20		
<i>Triodia epactia</i>	9	40		
<i>Triodia melvillei</i>	0.5	160		

Name	Cover (%)	Height (cm)	Specimen	Notes
<i>Tripogonella loliiformis</i>	0.1	25		
<i>Urochloa occidentalis</i> var. <i>occidentalis</i>	0.1	30		
<i>Vincetoxicum lineare</i>	0.1	60		
<i>Vittadinia</i> sp. Coondewanna Flats (S. van Leeuwen 4684)	0.1	30	KTF10-02	



Site KTF11  
 Described by PL/AL Date 19/4/2020  
 Type Quadrat 50 x 50 m  
 Central Coord 50 569356 mE, 7525785 mN  
 Habitat Flat plain bordering TEC.  
 Soil Dark reddish brown silty clay loam; occasional crab holes.  
 Rock Type Ironstone.  
 Vegetation *Acacia aptaneura* low open woodland over *Eriachne benthamii*, (*Chrysopogon fallax*, *Digitaria ctenantha*) very open tussock grassland over *Eragrostis pergracilis*, *Urochloa occidentalis* var. *occidentalis*, (*U. occidentalis* var. *ciliata*, *Eragrostis leptocarpa*) very open bunch grassland over *Calandrinia pumila*, *Portulaca oleracea/intraterranea*, (*Alternanthera denticulata*, *Arivela viscosa*, *Ptilotus xerophilus*) open herbland.  
 Veg Condition Very Good: scattered weeds (mainly *\*Bidens bipinnata*); old cattle scats.  
 Fire Age No sign of recent fire.  
 Notes Some crab holes present; herb-rich vegetation.  
 U1+ ^*Acacia aptaneura*\^tree\6\r;G1 ^*Eriachne benthamii*,*Chrysopogon fallax*,*Digitaria ctenantha*\^tussock grass\1\r;G2 *Eragrostis pergracilis*,*Urochloa occidentalis* var. *occidentalis*,*Urochloa occidentalis* var. *ciliata*,*Eragrostis leptocarpa*\other grass\1\r.

Name	Cover (%)	Height (cm)	Specimen	Notes
<i>Abutilon lepidum</i>	0.1	170		Form 1.
<i>Abutilon macrum</i>	0.1	30		
<i>Abutilon otocarpum</i>	0.1	40		
<i>Abutilon oxycarpum</i> subsp. Prostrate (A.A. Mitchell PRP 1266) PN	0.1	25	KTF11-14	Also KTF11-29.
<i>Acacia aptaneura</i>	9	700	KTF11-01	
<i>Alternanthera denticulata</i>	1.5	30		
<i>Alysicarpus muelleri</i>	0.1	70		
<i>Amaranthus cuspidifolius</i>	0.1	20	KTF11-07	
<i>Aristida holathera</i> var. <i>holathera</i>	0.1	40		
<i>Aristida latifolia</i>	0.1	100	KTF11-27	
<i>Arivela viscosa</i>	1	80	KTF11-23	
<i>Bidens bipinnata</i>	0.1	60		N=300.
<i>Blumea tenella</i>	0.1	15	KTF11-16	
<i>Boerhavia burbridgeana</i>	0.1	30		
<i>Boerhavia coccinea</i>	0.1	35		
<i>Bulbostylis turbinata</i>	0.25	20		
<i>Calandrinia pumila</i>	5	8	KTF11-03,21	Formal ID by M. Hislop (WAH).
<i>Calandrinia</i> sp.	0.1	10	KTF11-22	Sterile.
<i>Calotis plumulifera</i>	0.1	25	KTF11-04	
<i>Cenchrus ciliaris</i>	0.1	40		N=1.
<i>Centipeda minima</i> subsp. <i>macrocephala</i>	0.1	10		
<i>Chloris pectinata</i>	0.1	45	KTF11-18	N=15.
<i>Chrysopogon fallax</i>	1	130		
<i>Commelina ensifolia</i>	0.1	40		
<i>Convolvulus clementii</i>	0.1	60		
<i>Corchorus tridens</i>	0.1	35	KTF11-25	
<i>Cucumis picrocarpus</i>	0.1	40		
<i>Cullen cinereum</i>	0.1	30	KTF11-15	
<i>Cullen graveolens</i>	0.1	25	KTF11-32	
<i>Cyperus iria</i>	0.1	20		N=5.

Name	Cover (%)	Height (cm)	Specimen	Notes
<i>Cyperus squarrosus</i>	0.1	10		
<i>Dactyloctenium radulans</i>	0.1	20		
<i>Dichanthium sericeum</i> subsp. <i>humilius</i>	0.1	40		
<i>Digitaria ctenantha</i>	0.5	30		
<i>Dysphania glomulifera</i> subsp. <i>eremaea</i>	0.1	10	KTF11-11b	
<i>Dysphania rhadinostachya</i> subsp. <i>inflata</i>	0.1	35	KTF11-34	
<i>Enneapogon caerulescens</i>	0.1	30		
<i>Enneapogon polyphyllus</i>	0.1	40		
<i>Eragrostis leptocarpa</i>	0.5	40	KTF11-08	
<i>Eragrostis pergracilis</i>	3.5	25	KTF09-03=	
<i>Eragrostis tenellula</i>	0.1	30		
<i>Eriachne aristidea</i>	0.1	40		
<i>Eriachne benthamii</i>	3	70		
<i>Euphorbia biconvexa</i>	0.1	20	KTF11-12a	
<i>Euphorbia drummondii</i>	0.1	25	KTF11-19	
<i>Evolvulus alsinoides</i> var. <i>villosicalyx</i>	0.1	30		
<i>Goodenia muelleriana</i>	0.1	30		
<i>Grevillea berryana</i>	0.1	400		
<i>Hakea lorea</i> subsp. <i>lorea</i>	0.1	300		
<i>Indigofera colutea</i>	0.1	30		
<i>Indigofera linifolia</i>	0.25	30		
<i>Indigofera linnaei</i>	0.1	20		
<i>Ipomoea lonchophylla</i>	0.1	30	KTF11-30	
<i>Ipomoea muelleri</i>	0.5	70		
<i>Iseilema macratherum</i>	0.1	30	KTF11-12b	
<i>Iseilema membranaceum</i>	0.1	25	KTF11-05	
<i>Josephinia eugeniae</i>	0.1	55	KTF11-28	N=5. Formal ID by M. Hislop (WAH).
<i>Malvastrum americanum</i>	0.1	50		N=5.
<i>Marsilea hirsuta</i>	0.1	8		
<i>Neptunia dimorphantha</i>	0.1	30	KTF11-31	
<i>Nicotiana simulans</i> (type 2)	0.1	50	KTF11-24	Formal ID by M. Hislop (WAH) REL04-15=
<i>Panicum effusum</i>	0.1	30		
<i>Paspalidium rarum</i>	0.1	30		
<i>Perotis rara</i>	0.1	20		
<i>Phyllanthus erwinii</i>	0.1	15		
<i>Portulaca</i> ? <i>decipiens</i>	0.1	10	KTF11-10	Poor material.
<i>Portulaca oleracea</i> /intra-terreana	3	15	KTF11-13	Seeds to ~0.6mm, long, black, finely nipped.
<i>Pterocaulon sphacelatum</i>	0.1	10		
<i>Ptilotus aevroides</i>	0.1	8		
<i>Ptilotus exaltatus</i>	0.1	30		
<i>Ptilotus gaudichaudii</i>	0.1	30		
<i>Ptilotus gomphrenoides</i>	0.1	15	KTF11-17	
<i>Ptilotus helipteroides</i>	0.1	40		
<i>Ptilotus polystachyus</i>	0.1	50		
<i>Ptilotus xerophilus</i>	1	60	KTF11-09	
<i>Rhodanthe charsleyae</i>	0.25	30	KTF11-02	
<i>Rostellularia adscendens</i> var. <i>clementii</i>	0.1	30		



Name	Cover (%)	Height (cm)	Specimen	Notes
<i>Setaria verticillata</i>	0.1	30		N=1.
<i>Sida</i> sp. L (A.M. Ashby 4202) PN	0.1	25		
<i>Sida spinosa</i>	0.1	20		
<i>Spermacoce brachystema</i>	0.25	20		
<i>Sporobolus australasicus</i>	0.1	15		
<i>Streptoglossa bubakii</i>	0.1	25		
<i>Themeda</i> sp. Hamersley Station (M.E. Trudgen 11431)	0.1	120	KTF11-26	N=1.
<i>Tragus australianus</i>	0.1	15		
<i>Tribulus astrocarpus</i>	0.1	10		
<i>Tribulus terrestris</i>	0.1	10	KTF11-33	
<i>Trichodesma zeylanicum</i> var. <i>zeylanicum</i>	0.1	20		
<i>Urochloa occidentalis</i> var. <i>ciliata</i>	1	40		
<i>Urochloa occidentalis</i> var. <i>occidentalis</i>	2	30		

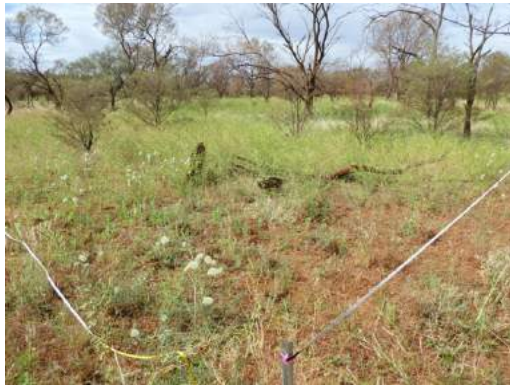


Site KTF12  
 Described by PL/AL Date 20/4/2020  
 Type Quadrat 50 x 50 m  
 Central Coord 50 569267 mE, 7526320 mN  
 Habitat Plain; occasional crab holes.  
 Soil Dark reddish brown sandy clay loam.  
 Rock Type Ironstone.  
 Vegetation *Acacia macraneura*, (*Hakea lorea* subsp. *lorea*) low open woodland over *A. tetragonophylla* scattered tall shrubs over *Urochloa occidentalis* var. *occidentalis*, (*Enneapogon polyphyllus*, *Eragrostis pergracilis*) very open bunch grassland over *Bulbostylis turbinata* scattered sedges and *Arivela viscosa*, (*Portulaca oleracea/intraterranea*) open herbland.  
 Veg Condition Very Good: occasional weeds.  
 Fire Age No sign of recent fire.  
 Notes U1+ ^*Acacia macraneura*,*Hakea lorea* subsp. *lorea*^tree\6\r;M1 ^*Acacia tetragonophylla*^shrub\4\bi;G1 ^*Urochloa occidentalis* var. *occidentalis*,*Enneapogon polyphyllus*,*Eragrostis pergracilis*^other grass\1\r;G2 *Bulbostylis turbinata*,*Arivela viscosa*,*Portulaca oleracea/intraterranea*^sedge,forb\1\r.

Name	Cover (%)	Height (cm)	Specimen	Notes
<i>Abutilon lepidum</i>	0.1	20		Form 4.
<i>Abutilon lepidum</i>	0.1	140		Form 1.
<i>Abutilon macrum</i>	0.1	80		
<i>Abutilon otocarpum</i>	0.1	25		
<i>Abutilon oxycarpum</i> subsp. Prostrate (A.A. Mitchell PRP 1266) PN	0.1	30	KTF12-10	Also KTF12-12.
<i>Acacia macraneura</i>	8	900	KTF12-01	Formal ID by M. Hislop (WAH)
<i>Acacia tetragonophylla</i>	0.5	400		
<i>Alternanthera denticulata</i>	0.1	30		
<i>Alysicarpus muelleri</i>	0.5	90		
<i>Amaranthus cuspidifolius</i>	0.1	35	KTF11-07=	
<i>Aristida ? inaequiglumis</i>	0.1	30	KTF12-17	Submitted to WAH for formal ID-unable to ascertain ID.
<i>Aristida holathera</i> var. <i>holathera</i>	0.1	30		
<i>Arivela viscosa</i>	14	100		
<i>Bidens bipinnata</i>	0.1	50		N=10.
<i>Boerhavia burbidgeana</i>	0.25	30		
<i>Boerhavia coccinea</i>	0.25	30		
<i>Boerhavia repleta</i>	0.1	30		
<i>Bulbostylis turbinata</i>	1	10		
<i>Calandrinia</i> sp.	0.25	8	KTF11-22=	Sterile.
<i>Cenchrus ciliaris</i>	0.1	80		N=4.
<i>Chloris pectinata</i>	0.1	60	KTF12-15	
<i>Chrysocephalum gilesii</i>	0.1	25	KTF12-04,6	
<i>Chrysopogon fallax</i>	0.25	100		
<i>Convolvulus clementii</i>	0.1	60		
<i>Cullen cinereum</i>	0.1	50	KTF11-15=	
<i>Cuscuta victoriana</i>	0.1	20	KTF12-18	
<i>Cynodon convergens</i>	0.1	40		
<i>Cyperus iria</i>	0.1	20		
<i>Datura leichhardtii</i> subsp. <i>leichhardtii</i>	0.1	60		N=4.
<i>Dichanthium sericeum</i> subsp. <i>humilius</i>	0.1	30		

Name	Cover (%)	Height (cm)	Specimen	Notes
<i>Digitaria ctenantha</i>	0.25	50		
<i>Dysphania melanocarpa</i> forma <i>melanocarpa</i>	0.1	25	KTF12-03	
<i>Dysphania rhadinostachya</i> subsp. <i>inflata</i>	0.1	25	KTF12-09	
<i>Enneapogon polyphyllus</i>	2	35		
<i>Eragrostis cumingii</i>	0.1	15		
<i>Eragrostis leptocarpa</i>	0.25	35	KTF11-08=	
<i>Eragrostis pergracilis</i>	0.5	25	KTF12-02	
<i>Eragrostis tenellula</i>	0.1	25		
<i>Eremophila</i> ? <i>clarkei</i>	0.1	40	KTF12-13	Regrowth.
<i>Eriachne pulchella</i>	0.1	15		
<i>Euphorbia australis</i> var. <i>glabra</i>	0.1	8	KTF12-07	N=1.
<i>Euphorbia biconvexa</i>	0.1	30	KTF11-12a=	
<i>Euphorbia boophthona</i>	0.1	20		
<i>Evolvulus alsinoides</i> var. <i>villosicalyx</i>	0.1	30		
<i>Goodenia heterochila</i>	0.1	15		
<i>Goodenia muelleriana</i>	0.1	30		
<i>Goodenia nuda</i>	0.1	30		N=1.
<i>Hakea lorea</i> subsp. <i>lorea</i>	0.75	350		
<i>Heliotropium tanythrix</i>	0.1	10	KTF12-08	
<i>Indigofera colutea</i>	0.1	25		
<i>Indigofera linifolia</i>	0.5	30		
<i>Indigofera linnaei</i>	0.1	30		
<i>Ipomoea muelleri</i>	0.25	70		
<i>Iseilema macratherum</i>	0.1	30	KTF11-12=	
<i>Iseilema membranaceum</i>	0.1	25	KTF11-05=	
<i>Josephinia eugeniae</i>	0.1	40	KTF11-28=	N=20. Formal ID by M. Hislop (WAH).
<i>Maireana planifolia</i> x <i>villosa</i>	0.1	45		
<i>Malvastrum americanum</i>	0.1	50		N=3.
<i>Paspalidium rarum</i>	0.1	35		
<i>Perotis rara</i>	0.1	15		
<i>Phyllanthus erwinii</i>	0.1	10		
<i>Portulaca</i> ? <i>decepiens</i>	0.1	25	KTF11-10=	Poor material.
<i>Portulaca oleracea</i> /intra-terreana	0.25	30	KTF12-14	Large seeds; finely nipped
<i>Portulaca oleracea</i> /intra-terreana	0.25	10	KTF12-05	Small flower. Some from KTF11 flower 3N=size. Seeds to ~0.6mm, long, black, finely nipped
<i>Portulaca oleracea</i> /intra-terreana	3	10	KTF11-13=	Small flower. Seeds to ~0.6mm, long, black, finely nipped
<i>Ptilotus aevroides</i>	0.1	8		
<i>Ptilotus exaltatus</i>	0.1	30		
<i>Ptilotus gaudichaudii</i>	0.25	35		
<i>Ptilotus gomphrenoides</i>	0.1	20		
<i>Ptilotus helipteroides</i>	0.1	30		
<i>Ptilotus polystachyus</i>	0.1	40		
<i>Ptilotus xerophilus</i>	0.5	80	KTF11-09=	
<i>Rhodanthe charsleyae</i>	0.25	30	KTF11-02=	
<i>Rhynchosia minima</i>	0.1	20		
<i>Salsola australis</i>	0.1	40		

Name	Cover (%)	Height (cm)	Specimen	Notes
<i>Senna notabilis</i>	0.1	10		
<i>Setaria dielsii</i>	0.1	90		
<i>Setaria verticillata</i>	0.1	40		N=1.
<i>Sida fibulifera</i>	0.1	30		
<i>Spermacoce brachystema</i>	0.1	15		
<i>Sporobolus australasicus</i>	0.1	30		
<i>Streptoglossa bubakii</i>	0.5	40		
<i>Synaptantha tillaeacea</i> var. <i>tillaeacea</i>	0.1	8	KTF12-16	
<i>Tragus australianus</i>	0.1	15		
<i>Trianthema triquetrum</i>	0.1	15		
<i>Tribulus astrocarpus</i>	0.1	15		
<i>Tribulus terrestris</i>	0.1	15	KTF11-33=	
<i>Urochloa occidentalis</i> var. <i>ciliata</i>	0.25	50		
<i>Urochloa occidentalis</i> var. <i>occidentalis</i>	4	40		



Site KTF13  
 Described by PL/AL Date 21/4/2020  
 Type Quadrat 50 x 50 m  
 Central Coord 50 569269 mE, 7532445 mN  
 Habitat Slightly lower 'flow' zone in between areas of TEC.  
 Soil Dark reddish brown light clay.  
 Rock Type Calcrete.  
 Vegetation *Eucalyptus victrix* scattered low trees over \**Vachellia farnesiana* scattered tall shrubs over *Eriachne benthamii*, (*Themeda* sp Hamersley Station (M.E. Trudgen 11431)) very open tussock grassland over *Polymeria longifolia*, *Cullen graveolens*, (*C. cinereum*, *Ptilotus gomphrenoides*) very open herbland.  
 Veg Condition Very Good: occasional weeds; some cattle activity.  
 Fire Age No sign of recent fire.  
 Notes *Eucalyptus victrix* are just small saplings.  
 U1 ^*Eucalyptus victrix*^\^tree\2\bi;M1 ^*Vachellia farnesiana*^\^shrub\4\bi;G1+ ^*Eriachne benthamii*,*Themeda* sp. Hamersley Station (M.E. Trudgen 11431)\^tussock grass\1\r;G2 *Polymeria longifolia*,^*Cullen graveolens*,*Cullen cinereum*,*Ptilotus gomphrenoides*\^forb\1\r.

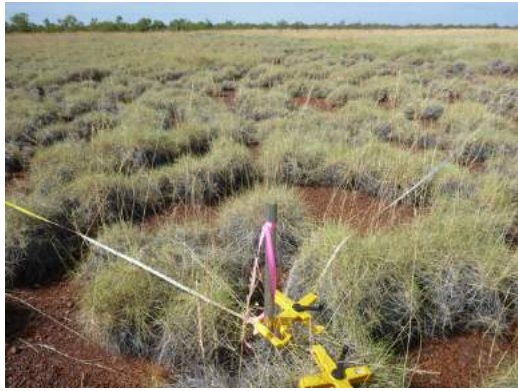
Name	Cover (%)	Height (cm)	Specimen	Notes
<i>Alternanthera nodiflora</i>	0.1	30		
<i>Blumea tenella</i>	0.1	15		
<i>Calotis multicaulis</i>	0.1	25	KTF13-13	
<i>Centipeda minima</i> subsp. <i>macrocephala</i>	0.1	8		
<i>Cucumis picocarpus</i>	0.1	30		
<i>Cullen cinereum</i>	2	30	KTF21-01=	
<i>Cullen graveolens</i>	3	25		
<i>Cyperus bifax</i>	0.1	80	KTF13-07	MM: SPECIMEN MISSING; have assumed field det correct.
<i>Dichanthium sericeum</i> subsp. <i>polystachyum</i>	0.1	80	KTF13-10	
<i>Echinochloa colona</i>	0.1	40		N=20.
<i>Eragrostis tenellula</i>	0.1	40		
<i>Eriachne benthamii</i>	7	80		
<i>Eucalyptus victrix</i>	0.25	100		
<i>Euphorbia inappendiculata</i> var. <i>queenslandica</i>	0.1	8	KTF13-8,12	Formal ID by M. Hislop (WAH) KTF70-12=
<i>Iseilema macratherum</i>	0.1	25	KTF13-5,15	
<i>Lotus cruentus</i>	0.1	10	KTF13-11	
<i>Malvastrum americanum</i>	0.1	40		N=1.
<i>Marsilea hirsuta</i>	0.1	8	KTF13-04	
<i>Mimulus gracilis</i>	0.1	10	KTF13-06	
<i>Panicum laevinode</i>	0.1	70	KTF13-16	
<i>Phyllanthus maderaspatensis</i>	0.1	40		
<i>Pimelea holroydii</i>	0.1	30	KTF13-09	
<i>Polymeria longifolia</i>	3	25		
<i>Ptilotus gomphrenoides</i>	1	10	KTF13-01	
<i>Rhagodia eremaea</i>	0.1	25	KTF13-03	N=6.
<i>Stemodia kingii</i>	0.1	40		
<i>Synaptantha tillaeacea</i> var. <i>tillaeacea</i>	0.1	8	KTF13-14	

Name	Cover (%)	Height (cm)	Specimen	Notes
<i>Themeda</i> sp. Hamersley Station (M.E. Trudgen 11431)	1	140		N=500.
<i>Urochloa occidentalis</i> var. <i>occidentalis</i>	0.1	25		
<i>Vachellia farnesiana</i>	0.5	200		N=6.
<i>Vigna</i> sp. Hamersley Clay (A.A. Mitchell PRP 113)	0.1	30	KTF13-17	



Site KTF14  
 Described by RM/SY Date 21/4/2020  
 Type Quadrat 50 x 50 m  
 Central Coord 50 540698 mE, 7603870 mN  
 Habitat Plain gently sloping east to a drainage.  
 Soil Dark reddish brown sandy clay loam; cracking clay in patches.  
 Rock Type Ironstone.  
 Vegetation *Triodia wiseana* hummock grassland with *Eriachne flaccida* scattered tussock grasses and *Dichanthium sericeum* subsp. *sericeum* very open bunch grasses.  
 Veg Condition Excellent.  
 Fire Age Very long unburnt.  
 Notes Small clay depressions occur throughout this vegetation type.  
 G1+ ^*Triodia wiseana*\^hummock grass\1\c;G2 *Eriachne flaccida*,*Dichanthium sericeum* subsp. *sericeum*\ tussock grass,other grass\1\bi.

Name	Cover (%)	Height (cm)	Specimen	Notes
<i>Alysicarpus muelleri</i>	0.1	15	KTF08-17=	
<i>Arivela viscosa</i>	0.1	15		
<i>Boerhavia burbridgeana</i>	0.1	30		Dead.
<i>Bulbostylis turbinata</i>	0.1	10	KTF14-16	
<i>Chrysopogon fallax</i>	0.1	90		
<i>Crotalaria dissitiflora</i> subsp. <i>benthamiana</i>	0.1	20	KTF08-10=	
<i>Cucumis picrocarpus</i>	0.1	50	KTF14-10	
<i>Cucumis picrocarpus</i>	0.1	50	KTF14-18	
<i>Cynodon convergens</i>	0.1	30	KTF14-04	
<i>Dichanthium sericeum</i> subsp. <i>humilius</i>	0.1	15	KTF14-06	
<i>Dichanthium sericeum</i> subsp. <i>sericeum</i>	2.5	40	KTF14-02	
<i>Eragrostis tenellula</i>	0.1	10		
<i>Eriachne flaccida</i>	1	40	KTF14-03	
<i>Eriachne pulchella</i>	0.1	5		Dead.
<i>Grona muelleri</i>	0.1	30	KTF14-12	
<i>Heliotropium heteranthum</i>	0.1	5	KTF14-20	
<i>Hibiscus verdcourtii</i>	0.1	5	KTF08-12=	
<i>Indigofera linifolia</i>	0.1	20	KTF08-31=	
<i>Ipomoea lonchophylla</i>	0.1	70	KTF14-19	
<i>Iseilema macratherum</i>	0.1	20	KTF14-11	
<i>Neptunia dimorphantha</i>	0.1	70	KTF14-05	
<i>Phyllanthus maderaspatensis</i>	0.1	15		
<i>Ptilotus gomphrenoides</i>	0.1	10	KTF14-17	
<i>Rhynchosia minima</i>	0.1	30		
<i>Senna notabilis</i>	0.1	20	KTF14-09	
<i>Sida fibulifera</i>	0.1	15	KTF14-07	'sens. lat.'
<i>Sida spinosa</i>	0.1	30	KTF14-14	
<i>Sporobolus australasicus</i>	0.1	15		
<i>Stemodia kingii</i>	0.1	30	KTF14-15	
<i>Streptoglossa bubakii</i>	0.1	7	KTF14-08	
<i>Swainsona thompsoniana</i>	0.1	20	KTF14-13	
<i>Triodia wiseana</i>	45	60	KTF14-01	





Site KTF15  
 Described by RM/SY Date 22/4/2020  
 Type Quadrat 50 x 50 m  
 Central Coord 50 541236 mE, 7603566 mN  
 Habitat Cracking clay plain, sloping gently to the E.  
 Soil Dark reddish brown cracking clay.  
 Rock Type Ironstone.  
 Vegetation *Acacia xiphophylla* low woodland over *Triodia epactia*, (*T. wiseana*) very open hummock grassland over *Eragrostis xerophila* scattered tussock grasses over *Neptunia dimorphantha*, *Arivela viscosa* scattered herbs.  
 Veg Condition Very Good: some cattle scats; occasional \**Flaveria trinervia*.  
 Fire Age No sign of recent fire.  
 Notes U1+ ^*Acacia xiphophylla*\^tree\6\i;G1 ^*Triodia epactia*,*Triodia wiseana*\^hummock grass\1\r;G2 *Eragrostis xerophila*,*Neptunia dimorphantha*,*Arivela viscosa*\tussock grass,forb\1\bi.

Name	Cover (%)	Height (cm)	Specimen	Notes
<i>Abelmoschus ficulneus</i>	0.1	15	KTF15-09	
<i>Acacia xiphophylla</i>	25	450		
<i>Alysicarpus muelleri</i>	0.1	15	KTF15-25	
<i>Aristida latifolia</i>	0.1	30	KTF15-26	
<i>Arivela viscosa</i>	0.5	40		Dead.
<i>Boerhavia burbridgeana</i>	0.1	80		
<i>Boerhavia repleta</i>	0.1	20	KTF15-17	
<i>Carissa lanceolata</i>	0.1	180	KTF15-20	
<i>Corchorus tridens</i>	0.1	15		
<i>Cucumis picocarpus</i>	0.1	15	KTF15-04	
<i>Cynodon convergens</i>	0.1	20	KTF15-02	
<i>Dipteracanthus</i> aff. <i>australasicus</i>	0.1	20	KTF15-18	MM: SPECIMEN MISSING; have assumed field det correct.
<i>Enchylaena tomentosa</i> var. <i>tomentosa</i>	0.1	15	KTF15-23	
<i>Eragrostis xerophila</i>	1.5	30	KTF15-12	
<i>Eriachne flaccida</i>	0.1	50	KTF15-15	
<i>Eriachne pulchella</i>	0.1	15		
<i>Euphorbia biconvexa</i>	0.1	20	KTF15-6,30	
<i>Evolvulus alsinoides</i> var. <i>villosicalyx</i>	0.1	10		
<i>Flaveria trinervia</i>	0.1	15		N=7.
<i>Gomphrena affinis</i> subsp. <i>pilbarensis</i>	0.1	20	KTF15-27	
<i>Grona muelleri</i>	0.1	15	KTF15-11	
<i>Indigofera trita</i> subsp. <i>trita</i>	0.1	10	KTF15-07	
<i>Ipomoea lonchophylla</i>	0.1	15	KTF15-10	
<i>Neptunia dimorphantha</i>	1.5	25		
<i>Notoleptopus decaisnei</i>	0.1	10	KTF15-28	
<i>Paspalidium clementii</i>	0.1	15	KTF15-24	
<i>Phyllanthus maderaspatensis</i>	0.1	20		
<i>Portulaca oleracea</i> /intra-terrestrial	0.1	10		
<i>Ptilotus exaltatus</i>	0.1	5		
<i>Ptilotus obovatus</i> var. <i>obovatus</i>	0.1	20		
<i>Rhagodia eremaea</i>	0.1	110		
<i>Rhynchosia minima</i>	0.1	15		
<i>Senna glutinosa</i> subsp. <i>x luerssenii</i>	0.1	90	KTF15-22	
<i>Senna hamersleyensis</i>	0.1	20	KTF15-19	
<i>Senna notabilis</i>	0.1	7		

Name	Cover (%)	Height (cm)	Specimen	Notes
<i>Senna</i> sp. Meekatharra (E. Bailey 1-26)	0.1	60	KTF15-16	'sens. lat.'
<i>Sida fibulifera</i>	0.1	25	KTF15-5,13	
<i>Sida spinosa</i>	0.1	15	KTF15-03	
<i>Solanum</i> sp.	0.1	10	KTF15-29	Poor material; juvenile.
<i>Sporobolus australasicus</i>	0.1	15		
<i>Stemodia kingii</i>	0.1	30	KTF15-14	
<i>Streptoglossa bubakii</i>	0.1	10	KTF15-08	
<i>Triodia epactia</i>	5	30		
<i>Triodia wiseana</i>	0.5	30	KTF15-21	



Site KTF16  
 Described by RM/SY Date 22/4/2020  
 Type Quadrat 50 x 50 m  
 Central Coord 50 541642 mE, 7603390 mN  
 Habitat Broad plain, sloping gently to west.  
 Soil Dark reddish brown silty clay; patches of cracking clay.  
 Rock Type Scattered ironstone.  
 Vegetation *Dolichandrone occidentalis*, *Acacia xiphophylla* scattered shrubs over *Triodia epactia* hummock grassland over *Eriachne flaccida* very open tussock grassland over *E. pulchella* very open bunch grassland and *Boerhavia burbridgeana* scattered herbs.  
 Veg Condition Excellent: minor signs of cattle.  
 Fire Age No sign of recent fire.  
 Notes M1 ^*Dolichandrone occidentalis*, ^*Acacia xiphophylla* \^shrub\3\bi;G1+ ^*Triodia epactia* \^hummock grass\1\c;G2 *Eriachne flaccida*, *Eriachne pulchella* \tussock grass, other grass\1\r.

Name	Cover (%)	Height (cm)	Specimen	Notes
<i>Acacia synchronicia</i>	0.1	110		
<i>Acacia xiphophylla</i>	0.25	130		
<i>Alysicarpus muelleri</i>	0.1	30	KTF16-15	
<i>Aristida latifolia</i>	0.1	30	KTF15-26=	
<i>Arivela viscosa</i>	0.1	60		
<i>Boerhavia burbridgeana</i>	1	30		
<i>Bulbostylis turbinata</i>	0.1	7	KTF14-16=	
<i>Chrysopogon fallax</i>	0.1	90		
<i>Crotalaria dissitiflora</i> subsp. <i>benthamiana</i>	0.1	15	KTF16-02	
<i>Crotalaria medicaginea</i> var. <i>neglecta</i>	0.1	15	KTF16-05	
<i>Dolichandrone occidentalis</i>	0.5	120		
<i>Dysphania rhadinostachya</i> subsp. <i>inflata</i>	0.1	10	KTF16-16	
<i>Enneapogon caerulescens</i>	0.1	20	KTF16-08	
<i>Eriachne flaccida</i>	3	40	KTF14-03=	
<i>Eriachne pulchella</i>	3	5		
<i>Euphorbia trigonosperma</i>	0.1	30	KTF16-04	Match to WAH ID.
<i>Euphorbia vaccaria</i> var. <i>vaccaria</i>	0.1	10	KTF16-07	
<i>Fimbristylis dichotoma</i>	0.1	25	KTF16-10	
<i>Gomphrena affinis</i> subsp. <i>pilbarensis</i>	0.1	30	KTF15-27=	
<i>Goodenia muelleriana</i>	0.1	10	KTF16-12	
<i>Grona muelleri</i>	0.1	40	KTF16-14	
<i>Iseilema dolichotrichum</i>	0.1	20	KTF16-11	
<i>Neptunia dimorphantha</i>	0.1	30		
<i>Operculina aequisepala</i>	0.1	200		
<i>Phyllanthus maderaspatensis</i>	0.1	40		
<i>Polygala glaucifolia</i>	0.1	4	KTF16-09	
<i>Portulaca oleracea</i> /intraterranea	0.1	10		
<i>Ptilotus gomphrenoides</i>	0.1	30	KTF16-13	
<i>Rhynchosia minima</i>	0.1	30		
<i>Senna notabilis</i>	0.1	10		
<i>Sida fibulifera</i>	0.1	30	KTF16-06	
<i>Solanum lasiophyllum</i>	0.1	30		
<i>Sporobolus australasicus</i>	0.1	15		
<i>Tephrosia</i> sp. clay soils (S. van Leeuwen et al. PBS 0273) PN	0.1	15	KTF16-03	
<i>Themeda</i> sp. Hamersley Station (M.E. Trudgen 11431)	0.1	90		N=30.

Name	Cover (%)	Height (cm)	Specimen	Notes
<i>Triodia epactia</i>	45	30		



Site KTF17  
 Described by BRMMG Date 20/4/2020  
 Type Quadrat 62.5 x 40 m  
 Central Coord 50 568765 mE, 7529176 mN  
 Habitat Flow area.  
 Soil Dark reddish brown (2.5YR 2.5/4) sandy clay loam.  
 Vegetation *Eucalyptus victrix* woodland over *Acacia xiphophylla* low open woodland over *Sesbania cannabina*, \**Vachellia farnesiana* scattered tall shrubs to tall open shrubland over *Bothriochloa ewartiana*, (*Eriachne benthamii*, \**Cenchrus setiger*, *Chrysopogon fallax*) closed tussock grassland over *Cullen graveolens*, (*Cullen cinereum*, \**Malvastrum americanum*) very open herbland.  
 Veg Condition Very Good: cattle pads and tracks present; scattered weeds.  
 Fire Age No sign of recent fire.  
 Notes U1+ ^*Eucalyptus victrix*\^tree\7\i;U2 *Acacia xiphophylla*\tree\6\r;M1 ^*Sesbania cannabina*,^*Vachellia farnesiana*\^shrub\4\bi;G1 ^*Bothriochloa ewartiana*,*Eriachne benthamii*,*Cenchrus setiger*,*Chrysopogon fallax*\^tussock grass\1\d;G2 *Cullen graveolens*,*Cullen cinereum*,*Malvastrum americanum*\forb\1\r.

Name	Cover (%)	Height (cm)	Specimen	Notes
<i>Acacia xiphophylla</i>	2.5	500	KTF17-01	
<i>Achyranthes aspera</i>	0.1	50		
<i>Aeschynomene indica</i>	0.1	60		
<i>Alternanthera nana</i>	0.1	30		
<i>Alternanthera nodiflora</i>	0.1	40		
<i>Alysicarpus muelleri</i>	0.1	100		
<i>Arivela viscosa</i>	0.1	80		
<i>Astrebla lappacea</i>	0.1	80	KTF17-27	
<i>Bidens bipinnata</i>	0.1	30		N=5.
<i>Blumea tenella</i>	0.1	8		
<i>Boerhavia burbridgeana</i>	0.1	40		
<i>Bothriochloa ewartiana</i>	75	130	KTF17-29	
<i>Bothriochloa ewartiana</i>	0.1	70	KTF17-11	
<i>Calotis plumulifera</i>	0.1	15	KTF17-14	
<i>Cenchrus ciliaris</i>	0.1	80		N=30.
<i>Cenchrus setiger</i>	5	40		N=50.
<i>Centipeda minima</i> subsp. <i>macrocephala</i>	0.1	8		
<i>Chrysopogon fallax</i>	2	110		
<i>Convolvulus clementii</i>	0.1	70		
<i>Cucumis picrocarpus</i>	0.1	15		
<i>Cucumis variabilis</i>	0.1	170		
<i>Cullen cinereum</i>	3	40	KTF17-03	
<i>Cullen graveolens</i>	3	50	KTF17-10	
<i>Cyperus bifax</i>	0.5	70	KTF17-07	
<i>Dactyloctenium radulans</i>	0.1	15		
<i>Dichanthium sericeum</i> subsp. <i>humilius</i>	0.1	60		
<i>Dichanthium sericeum</i> subsp. <i>polystachyum</i>	0.1	100	KTF17-30	
<i>Dysphania melanocarpa</i> forma <i>melanocarpa</i>	0.1	30	KTF17-16	
<i>Dysphania rhadinostachya</i> subsp. <i>inflata</i>	0.1	45	KTF17-25	
<i>Echinochloa colona</i>	0.1	40		N=10.
<i>Enteropogon ramosus</i>	0.1	70		

Name	Cover (%)	Height (cm)	Specimen	Notes
<i>Eragrostis leptocarpa</i>	0.1	40	KTF17-13	
<i>Eragrostis tenellula</i>	0.1	40	KTF17-04	
<i>Eremophila longifolia</i>	0.1	30		
<i>Eriachne benthamii</i>	10	70	KTF17-09	
<i>Eriochloa pseudoacrotricha</i>	0.1	120	KTF17-22	Formal ID by M. Hislop (WAH).
<i>Eucalyptus victrix</i>	12	1200		
<i>Eulalia aurea</i>	0.1	60		
<i>Euphorbia inappendiculata</i> var. <i>queenslandica</i>	0.1	20	KTF17-26	Formal ID by M. Hislop (WAH) KTF70-12=
<i>Euphorbia biconvexa</i>	0.1	40	KTF17-08	
<i>Euphorbia ferdinandi</i> var. <i>ferdinandi</i>	0.1	15	KTF17-21	
<i>Hibiscus verdcourtii</i>	0.1	80		
<i>Ipomoea lonchophylla</i>	0.1	30		
<i>Ipomoea muelleri</i>	0.1	40		
<i>Iseilema macratherum</i>	0.1	30	KTF17-23	
<i>Lotus cruentus</i>	0.1	20	KTF17-24	
<i>Malvastrum americanum</i>	1	60		N=100.
<i>Neptunia dimorphantha</i>	0.1	50	KTF17-15	
<i>Notoleptopus decaisnei</i>	0.1	30	KTF17-18	
<i>Operculina aequisepala</i>	0.1	15		
<i>Operculina aequisepala</i>	0.1	110		
<i>Panicum laevinode</i>	0.1	70	KTF17-12	
<i>Phyllanthus maderaspatensis</i>	0.1	30		
<i>Portulaca oleracea/intraterranea</i>	0.1	20	KTF17-20	Seeds ~1mm long, distinctly nipped, black
<i>Ptilotus gomphrenoides</i>	0.1	30		
<i>Ptilotus xerophilus</i>	0.1	70		
<i>Rhynchosia minima</i>	0.1	40		
<i>Santalum lanceolatum</i>	0.1	90		
<i>Sclerolaena cornishiana</i>	0.1	40	KTF17-44	
<i>Sclerolaena costata</i>	0.1	30	KTF17-33	
<i>Senna notabilis</i>	0.1	10		
<i>Sesbania cannabina</i>	1	280		
<i>Setaria dielsii</i>	0.1	80		
<i>Sida fibulifera</i>	0.1	20	KTF17-28	'sens. lat.'
<i>Stemodia kingii</i>	0.1	40		
<i>Streptoglossa bubakii</i>	0.1	40	KTF17-17	
<i>Themeda</i> sp. Hamersley Station (M.E. Trudgen 11431)	0.5	130		N=20.
<i>Urochloa occidentalis</i>	0.5	40		Sterile.
<i>Vachellia farnesiana</i>	1	220		N=30.
<i>Vigna</i> sp. Hamersley Clay (A.A. Mitchell PRP 113)	0.1	20		



Site KTF18  
 Described by BRMMG Date 21/4/2020  
 Type Quadrat 50 x 50 m  
 Central Coord 50 542742 mE, 7603438 mN  
 Habitat Very gentle, southwest-facing lower slope of broad low rise.  
 Soil Weak red (10R 4/4) sandy loam.  
 Rock Type Chert, ironstone.  
 Vegetation *Acacia ancistrocarpa* scattered tall shrubs over *Triodia epactia* open hummock grassland.  
 Veg Condition Excellent.  
 Fire Age No sign of recent fire.  
 Notes M1 ^*Acacia ancistrocarpa*\^shrub\4\bi;G1+ ^*Triodia epactia*\^hummock grass\1\i.

Name	Cover (%)	Height (cm)	Specimen
<i>Acacia ancistrocarpa</i>	0.5	300	
<i>Acacia atkinsiana</i>	0.1	120	KTF18-04
<i>Bonamia erecta</i>	0.1	40	
<i>Fimbristylis simulans</i>	0.1	10	KTF18-02
<i>Hakea lorea</i> subsp. <i>lorea</i>	0.1	280	
<i>Senna notabilis</i>	0.1	10	
<i>Seringia nephrosperma</i>	0.1	60	KTF18-03
<i>Triodia epactia</i>	20	30	KTF18-01





Site KTF19  
 Described by BRMMG Date 21/4/2020  
 Type Quadrat 50 x 50 m  
 Central Coord 50 543093 mE, 7603036 mN  
 Habitat Plain  
 Soil Dark reddish brown (2.5YR 2.5/4) clay loam.  
 Vegetation *Corymbia hamersleyana* low woodland over *Acacia ancistrocarpa*, (*A. coleii*) tall shrubland over *Senna artemisioides* subsp. *oligophylla* x subsp. *helmsii*, *S. notabilis*, *Sida* sp. L (A.M. Ashby 4202) low open shrubland over *Triodia epactia* scattered hummock grasses and *Chrysopogon fallax*, (*Bothriochloa ewartiana*, *Eulalia simonii*) very open tussock grassland with *Sporobolus australasicus* very open bunch grassland.  
 Veg Condition Excellent: a few \**Malvastrum*.  
 Fire Age No sign of recent fire.  
 Notes U1 ^*Corymbia hamersleyana*\^tree\6\i;M1+ ^*Acacia ancistrocarpa*,*Acacia coleii*\^shrub\4\i;M2 *Senna artemisioides* subsp. *oligophylla* x subsp. *helmsii*,*Senna notabilis*,*Sida* sp. L (A.M. Ashby 4202)\shrub\2\r;G1 ^*Chrysopogon fallax*,*Bothriochloa ewartiana*,*Eulalia simonii*\^tussock grass\2\c;G2 *Triodia epactia*\hummock grass\1\bi.

Name	Cover (%)	Height (cm)	Specimen	Notes
<i>Abutilon lepidum</i>	0.1	80	KTF19-14	
<i>Abutilon otocarpum</i>	0.1	40		
<i>Acacia ancistrocarpa</i>	20	250		
<i>Acacia citrinoviridis</i>	0.1	330		
<i>Acacia coleii</i>	1	350	KTF19-19	Sterile.
<i>Alternanthera nana</i>	0.1	30	KTF19-01	
<i>Alysicarpus muelleri</i>	0.1	45		
<i>Arivela viscosa</i>	0.1	90		
<i>Boerhavia coccinea</i>	0.1	20	KTF19-21	
<i>Bothriochloa ewartiana</i>	2	70	KTF19-17	
<i>Carissa lanceolata</i>	0.1	70		
<i>Chrysopogon fallax</i>	5	130		
<i>Corchorus tectus</i>	0.1	30	KTF19-34	
<i>Corchorus tridens</i>	0.1	20	KTF19-07	
<i>Corymbia hamersleyana</i>	11	500		
<i>Crotalaria medicaginea</i> var. <i>neglecta</i>	0.1	45		
<i>Cucumis picrocarpus</i>	0.1	20		
<i>Cucumis variabilis</i>	0.1	20		
<i>Cullen pogonocarpum</i>	0.1	8	KTF19-31	
<i>Cynodon convergens</i>	0.1	20	KTF19-06	
<i>Duperreya commixta</i>	0.1	110		
<i>Dysphania kalpari</i>	0.1	20	KTF19-25	
<i>Dysphania rhadinostachya</i> subsp. <i>inflata</i>	0.1	15	KTF19-20	
<i>Enneapogon polyphyllus</i>	0.1	30		
<i>Eragrostis cumingii</i>	0.1	12		
<i>Eriachne aristidea</i>	0.1	30		
<i>Eulalia aurea</i>	0.1	60	KTF19-30	
<i>Eulalia simonii</i>	2	50	KTF19-28	
<i>Euphorbia australis</i> var. <i>glabra</i>	0.1	10	KTF19-29	
<i>Euphorbia biconvexa</i>	0.1	30	KTF19-03	
<i>Euphorbia boophthona</i>	0.1	20	KTF19-13	
<i>Evolvulus alsinoides</i> var. <i>decumbens</i>	0.1	30	KTF19-27	
<i>Evolvulus alsinoides</i> var. <i>villosicalyx</i>	0.1	20		

Name	Cover (%)	Height (cm)	Specimen	Notes
<i>Gomphrena affinis</i> subsp. <i>pillbarensis</i>	0.1	40	KTF19-11	
<i>Goodenia microptera</i>	0.1	20		
<i>Goodenia nuda</i>	0.1	40	KTF19-09	N=50.
<i>Gossypium australe</i>	0.1	140	KTF19-26	Burrup Peninsula form.
<i>Grevillea wickhamii</i>	0.1	150		Sterile.
<i>Haloragis</i> sp.	0.1	15	KTF19-05	Inadequate material.
<i>Hibiscus sturtii</i> var. <i>grandiflorus</i>	0.1	25	KTF19-18	
<i>Indigofera linifolia</i>	0.1	60	KTF19-37	
<i>Indigofera monophylla</i>	0.1	60		
<i>Indigofera trita</i> subsp. <i>trita</i>	0.1	20	KTF19-24	
<i>Ipomoea muelleri</i>	0.1	15	KTF19-32	
<i>Ipomoea polymorpha</i>	0.1	20	KTF19-23	
<i>Iseilema membranaceum</i>	0.1	25	KTF19-08	
<i>Malvastrum americanum</i>	0.1	45		N=10.
<i>Neptunia dimorphantha</i>	0.1	40	KTF19-36	
<i>Paspalidium clementii</i>	0.1	20	KTF19-35	
<i>Paspalidium rarum</i>	0.1	20	KTF19-12	
<i>Perotis rara</i>	0.1	15		
<i>Phyllanthus erwinii</i>	0.1	30		
<i>Phyllanthus maderaspatensis</i>	0.1	15		
<i>Polygala glaucifolia</i>	0.1	3	KTF19-04	
<i>Portulaca oleracea</i> /intraterranea	0.1	12		
<i>Ptilotus exaltatus</i>	0.1	10		
<i>Ptilotus gaudichaudii</i>	0.1	45		
<i>Ptilotus helipteroides</i>	0.1	20		
<i>Rhynchosia minima</i>	0.1	30		
<i>Senna artemisioides</i> subsp. <i>oligophylla</i>	0.1	70	KTF19-22	
<i>Senna artemisioides</i> subsp. <i>oligophylla</i> x subsp. <i>helmsii</i>	1	90	KTF19-16	Closer to straight subsp. <i>helmsii</i> , but not quite right.
<i>Senna notabilis</i>	0.5	40		
<i>Sida</i> sp. L (A.M. Ashby 4202) PN	0.5	30	KTF19-02	
<i>Sida</i> sp. spiciform panicles (E. Leyland s.n. 14/8/90)	0.1	50		
<i>Sida spinosa</i>	0.1	30	KTF19-15	
<i>Solanum diversiflorum</i>	0.1	20		
<i>Sporobolus australasicus</i>	3	20		
<i>Streptoglossa bubakii</i>	0.1	12	KTF01-21=	
<i>Tephrosia supina</i>	0.1	30	KTF19-33	
<i>Themeda triandra</i>	0.1	70	KTF19-10	Formal ID by M. Hislop (WAH).
<i>Trigastrotheca molluginea</i>	0.1	20		
<i>Triodia epactia</i>	1	70		
<i>Waltheria indica</i>	0.1	60		



Site KTF20  
 Described by BRMMG Date 22/4/2020  
 Type Quadrat 50 x 50 m  
 Central Coord 50 544884 mE, 7603428 mN  
 Habitat Broad flow area with shallow, narrow, minor flowlines and associated flood banks.  
 Soil Dark reddish brown (2.5YR 2.5/4) sandy loam.  
 Rock Type Ironstone.  
 Vegetation *Corymbia hamersleyana* low woodland over *Acacia ancistrocarpa*, *A. trachycarpa*, (*A. maitlandii*) tall open shrubland over *Grevillea wickhamii* scattered shrubs over *Bonamia erecta*, (*Isotropis atropurpurea*, *Indigofera monophylla*) low open shrubland over *Triodia epactia* open hummock grassland over *Themeda triandra*, (*Paraneurachne muelleri*,) very open tussock grassland.  
 Veg Condition Excellent.  
 Fire Age Burnt 3-5 years ago.  
 Notes Numerous dead tall *Acacia* shrubs fallen within quadrat, with many juveniles; likely due to fires 3-5 years ago and some good recent rainfall. Would previously have been a tall shrubland.  
 U1+ ^*Corymbia hamersleyana*\ ^tree\6\i;M1 ^*Acacia ancistrocarpa*,^*Acacia trachycarpa*,*Acacia maitlandii*\ ^shrub\4\i;M2 *Grevillea wickhamii*\shrub\3\bi;M3 *Bonamia erecta*,*Isotropis atropurpurea*,*Indigofera monophylla*\shrub\1\i;G1 *Themeda triandra*,*Paraneurachne muelleri*,\tussock grass\2\i;G2 ^*Triodia epactia*\ ^hummock grass\1\i.

Name	Cover (%)	Height (cm)	Specimen	Notes
<i>Acacia ancistrocarpa</i>	1	280		
<i>Acacia maitlandii</i>	0.25	280		
<i>Acacia pyrifolia</i> var. <i>pyrifolia</i>	0.1	90		
<i>Acacia trachycarpa</i>	1	220		
<i>Acacia tumida</i> var. <i>pilbarensis</i>	0.1	120		
<i>Afrohybanthus aurantiacus</i>	0.1	25		
<i>Aristida holathera</i> var. <i>holathera</i>	0.1	35	KTF20-06	
<i>Aristida inaequiglumis</i>	0.1	90	KTF20-10	
<i>Arivela viscosa</i>	0.1	40		
<i>Bonamia erecta</i>	3	25		
<i>Carissa lanceolata</i>	0.1	180		
<i>Chrysopogon fallax</i>	0.1	100		
<i>Corchorus tectus</i>	0.1	45	KTF20-11	
<i>Corymbia hamersleyana</i>	13	600		
<i>Cucumis picrocarpus</i>	0.1	20	KTF20-07	
<i>Cucumis variabilis</i>	0.1	10		
<i>Cymbopogon ambiguus</i>	0.1	90		
<i>Dampiera candidans</i>	0.1	40		
<i>Digitaria brownii</i>	0.1	60	KTF20-02	
<i>Duperreya commixta</i>	0.1	350		
<i>Enneapogon caerulescens</i>	0.1	40		
<i>Eragrostis cumingii</i>	0.1	12		
<i>Eragrostis tenellula</i>	0.1	30	KTF20-12	
<i>Eriachne mucronata</i>	0.1	40		Typical form. Erect hairs under sheaths.
<i>Eriachne pulchella</i>	0.1	15		
<i>Eulalia aurea</i>	0.1	40		
<i>Euphorbia australis</i> var. <i>subtomentosa</i>	0.1	15	KTF20-08	
<i>Euphorbia biconvexa</i>	0.1	20	KTF20-05	

Name	Cover (%)	Height (cm)	Specimen	Notes
<i>Goodenia microptera</i>	0.1	15		
<i>Gossypium robinsonii</i>	0.1	25		
<i>Grevillea wickhamii</i>	0.25	150		Sterile.
<i>Hibiscus sturtii</i> var. <i>campylochlamys</i>	0.1	35	KTF20-03	
<i>Indigofera monophylla</i>	0.5	65		
<i>Isotropis atropurpurea</i>	1	40	KTF20-04	
<i>Paraneurachne muelleri</i>	1	50		
<i>Paspalidium clementii</i>	0.1	25	KTF20-14	
<i>Ptilotus astrolasius</i>	0.1	20	KTF20-13	MM: SPECIMEN MISSING; assumed field det correct.
<i>Ptilotus calostachyus</i>	0.1	90		
<i>Ptilotus exaltatus</i>	0.1	20		
<i>Rhynchosia minima</i>	0.1	40		
<i>Solanum diversiflorum</i>	0.1	30		
<i>Tephrosia rosea</i> var. <i>Fortescue creeks</i> (M.I.H. Brooker 2186)	0.1	20	KTF20-09	
<i>Tephrosia</i> sp. Bungaroo Creek (M.E. Trudgen 11601)	0.1	10	KTF20-15	
<i>Themeda triandra</i>	4	70		
<i>Trachymene oleracea</i> subsp. <i>oleracea</i>	0.1	12		
<i>Trichodesma zeylanicum</i> var. <i>zeylanicum</i>	0.1	15		
<i>Triodia epactia</i>	15	50	KTF20-01	
<i>Waltheria indica</i>	0.1	40		



Site KTF21  
 Described by PL/AL Date 20/4/2020  
 Type Quadrat 50 x 50 m  
 Central Coord 50 569701 mE, 7533617 mN  
 Habitat Cracking clay plain in broad valley.  
 Soil Dark reddish brown light clay; crab holes.  
 Rock Type Calcrete nodules to 20cm.  
 Vegetation Themeda sp. Hamersley Station (M.E. Trudgen 11431), (*Chrysopogon fallax*) tussock grassland over *Polymeria longifolia*, *Cullen cinereum* very open herbland.  
 Veg Condition Very Good: cattle scats; a few \**Vachellia farnesiana*.  
 Fire Age No sign of recent fire.  
 Notes G1+ ^Themeda sp. Hamersley Station (M.E. Trudgen 11431), *Chrysopogon fallax* \ ^tussock grass \ 3 \ c; G2 *Polymeria longifolia*, *Cullen cinereum* \ forb \ 1 \ r.

Name	Cover (%)	Height (cm)	Specimen	Notes
<i>Abutilon</i> sp. Pilbara (W.R. Barker 2025) PN	0.1	30	KTF21-30	
<i>Acacia pruinocarpa</i>	0.1	120		
<i>Acacia victoriae</i> subsp. <i>victoriae</i>	0.1	5		
<i>Alysicarpus muelleri</i>	0.1	40		
<i>Austrobryonia pilbarensis</i>	0.1	10		
<i>Boerhavia paludosa</i>	0.1	50		
<i>Calotis multicaulis</i>	0.1	15	KTF21-11	
<i>Chrysopogon fallax</i>	0.25	80		
<i>Convolvulus clementii</i>	0.1	20		
<i>Crotalaria dissitiflora</i> subsp. <i>benthamiana</i>	0.25	50	KTF21-04	
<i>Cucumis picrocarpus</i>	0.1	15		
<i>Cullen cinereum</i>	4	25	KTF21-01	
<i>Cullen graveolens</i>	0.1	25		
<i>Cynodon convergens</i>	0.1	40		
<i>Dactyloctenium radulans</i>	0.1	8		
<i>Dichanthium sericeum</i> subsp. <i>humilius</i>	0.1	40		
<i>Dolichocarpa</i> sp. Hamersley Station (A.A. Mitchell PRP 1479)	0.1	8		
<i>Eragrostis pergracilis</i>	0.1	25	KTF21-29	
<i>Euphorbia inappendiculata</i> var. <i>queenslandica</i>	0.1	15	KTF21-9,18	N=5. Formal ID by M. Hislop (WAH) KTF70-12=
<i>Euphorbia australis</i> var. <i>glabra</i>	0.1	5	KTF21-20	N=11.
<i>Euphorbia trigonosperma</i>	0.1	20	KTF21-08	Match to WAH ID.
<i>Glycine falcata</i>	0.5	15	KTF21-03	
<i>Goodenia pascua</i>	0.1	8	KTF21-13	
<i>Heliotropium conocarpum</i>	0.1	8	KTF21-21	
<i>Hibiscus verdcourtii</i>	0.1	50	KTF21-22	
<i>Indigofera linifolia</i>	0.1	15		
<i>Ipomoea lonchophylla</i>	0.1	40	KTF21-31	
<i>Iseilema macratherum</i>	0.25	20	KTF21-10	
<i>Iseilema macratherum</i>	0.1	40	KTF21-26	
<i>Neptunia gracilis</i> forma <i>gracilis</i>	0.1	40	KTF21-19	
<i>Operculina aequisepala</i>	0.1	40		
<i>Panicum laevinode</i>	0.25	45	KTF21-06	
<i>Phyllanthus maderaspatensis</i>	0.1	25		
<i>Polygala glaucifolia</i>	0.1	8	KTF21-28	
<i>Polymeria longifolia</i>	5	30	KTF21-07	

Name	Cover (%)	Height (cm)	Specimen	Notes
<i>Portulaca oleracea/intraterranea</i>	0.1	10	KTF21-17	Seeds ~1mm long, not nipped, black.
<i>Pseudognaphalium luteoalbum</i>	0.1	8	KTF21-12	Sterile, juvenile.
<i>Pterocaulon sphacelatum</i>	0.1	20		
<i>Ptilotus gomphrenoides</i>	0.1	15		
<i>Ptilotus xerophilus</i>	0.1	15	KTF21-14	
<i>Rostellularia adscendens</i> var. <i>clementii</i>	0.1	25		
<i>Senna notabilis</i>	0.1	10		
<i>Sida spinosa</i>	0.1	25		
<i>Sporobolus australasicus</i>	0.1	20	KTF21-25	
<i>Sporobolus australasicus</i>	0.1	30	KTF21-15	MM - SPECIMEN MISSING; field det assumed correct.
<i>Streptoglossa bubakii</i>	0.1	40		
<i>Themeda</i> sp. Hamersley Station (M.E. Trudgen 11431)	68	120		N=6000.
<i>Trichodesma zeylanicum</i> var. <i>zeylanicum</i>	0.1	10		
<i>Urochloa occidentalis</i> var. <i>ciliata</i>	0.1	40		
<i>Urochloa occidentalis</i> var. <i>occidentalis</i>	0.1	20	KTF21-02	
<i>Vachellia farnesiana</i>	0.1	80		N=3.



Site KTF22  
 Described by PL/AL Date 21/4/2020  
 Type Quadrat 50 x 50 m  
 Central Coord 50 569027 mE, 7532024 mN  
 Habitat Cracking clay plain.  
 Soil Dark reddish brown light clay; crab holes.  
 Rock Type Calcrete nodules to 20cm.  
 Vegetation Themeda sp. Hamersley Station (M.E. Trudgen 11431), (*Astrebla pectinata*,  
*A. elymoides*) tussock grassland over *Polymeria longifolia*, (*Crotalaria*  
*dissitiflora* subsp. *benthamiana*) very open herbland.  
 Veg Condition Very Good: some cattle disturbance (scats, grazing and tracks); 1 x  
 \**Vachellia farnesiana*.  
 Fire Age No sign of recent fire.  
 Notes G1+ ^Themeda sp. Hamersley Station (M.E. Trudgen 11431),*Astrebla*  
*pectinata*,*Astrebla elymoides* \^tussock grass\3\c;G2 *Polymeria*  
*longifolia*,*Crotalaria dissitiflora* subsp. *benthamiana* \forb\1\r.

Name	Cover (%)	Height (cm)	Specimen	Notes
<i>Abutilon malvifolium</i>	0.1	25	KTF22-07	
<i>Acacia victoriae</i> subsp. <i>victoriae</i>	0.1	60		
<i>Astrebla elymoides</i>	0.5	90	KTF22-08	N=50. PL camera: 774.
<i>Astrebla pectinata</i>	0.75	80	KTF22-01	
<i>Austrobryonia pilbarensis</i>	0.1	8		
<i>Boerhavia paludosa</i>	0.1	50		
<i>Calotis plumulifera</i>	0.1	25		
<i>Corchorus tridens</i>	0.1	20	KTF22-03	
<i>Crotalaria dissitiflora</i> subsp. <i>benthamiana</i>	1	40		
<i>Cucumis picrocarpus</i>	0.1	30		
<i>Cullen graveolens</i>	0.1	25		
<i>Cynodon convergens</i>	0.25	40		
<i>Dactyloctenium radulans</i>	0.1	25		
<i>Dichanthium sericeum</i> subsp. <i>humilius</i>	0.5	40		
<i>Dolichocarpa</i> sp. Hamersley Station (A.A. Mitchell PRP 1479)	0.1	15		N=1.
<i>Eragrostis tenellula</i>	0.1	30		
<i>Eragrostis xerophila</i>	0.1	30	KTF22-04	
<i>Eriachne benthamii</i>	0.1	40		
<i>Euphorbia australis</i> var. <i>glabra</i>	0.5	10		N=600. PL camera: 775-776.
<i>Euphorbia trigonosperma</i>	0.1	40	KTF21-08=	Match to WAH ID.
<i>Goodenia pascua</i>	0.1	25		
<i>Hibiscus verdcourtii</i>	0.1	30		
<i>Indigofera linifolia</i>	0.1	30		
<i>Ipomoea lonchophylla</i>	0.1	40		
<i>Iseilema macratherum</i>	0.1	40	KTF21-26=	
<i>Neptunia gracilis</i> forma <i>gracilis</i>	0.1	40	KTF21-19=	
<i>Panicum laevinode</i>	0.25	50	KTF21-06=	
<i>Phyllanthus maderaspatensis</i>	0.1	30		
<i>Polymeria longifolia</i>	3	30		
<i>Portulaca oleracea</i> /inraterranea	0.1	20	KTF21-17=	Seeds ~1mm long, not nipped, black.



Name	Cover (%)	Height (cm)	Specimen	Notes
<i>Pterocaulon sphacelatum</i>	0.1	25		
<i>Rhynchosia minima</i>	0.1	25		
<i>Senna artemisioides</i> subsp. <i>oligophylla</i> (thinly sericeous form MET 15,035)	0.1	40		
<i>Sida fibulifera</i>	0.1	25		
<i>Sida spinosa</i>	0.1	30		
<i>Sporobolus australasicus</i>	0.25	25		
<i>Streptoglossa</i> sp. Cracking clays (S. van Leeuwen et al. PBS 7353)	0.25	15	KTF22-02	Formal ID by M. Hislop (WAH).
<i>Streptoglossa bubakii</i>	0.1	25		
<i>Themeda</i> sp. Hamersley Station (M.E. Trudgen 11431)	29	160		N=1800.
<i>Urochloa occidentalis</i> var. <i>ciliata</i>	0.1	30		
<i>Vachellia farnesiana</i>	0.1	80		N=1.
<i>Vigna lanceolata</i> var. <i>lanceolata</i>	0.1	25	KTF22-06	
<i>Vigna</i> sp. Hamersley Clay (A.A. Mitchell PRP 113)	0.1	40		



Site KTF23  
 Described by PL/AL Date 21/4/2020  
 Type Quadrat 50 x 50 m  
 Central Coord 50 544320 mE, 7602719 mN  
 Habitat Cracking clay plain.  
 Soil Dark reddish brown light clay.  
 Rock Type Ironstone.  
 Vegetation *Eriachne benthamii*, (*Eragrostis xerophila*, *Astrebla elymoides*) very open tussock grassland over *Panicum laevinode*, *Cynodon convergens* very open bunch grassland over *Cullen cinereum*, (*Cullen graveolens*, *Neptunia dimorphantha*, *Operculina aequisejala*) open herbland.  
 Veg Condition Very Good: some cattle scats.  
 Fire Age No sign of recent fire.  
 Notes Mosaic of *Acacia xiphophylla* and tussock grassland vegetation; probably has elevated conservation significance.  
 G1+ ^*Eriachne benthamii*,*Eragrostis xerophila*,*Astrebla elymoides*,*Panicum laevinode*,*Cynodon convergens*\^tussock grass,other grass\1\r;G2 *Cullen cinereum*,*Cullen graveolens*,*Neptunia dimorphantha*,*Operculina aequisejala*\forb\1\i.

Name	Cover (%)	Height (cm)	Specimen	Notes
<i>Abelmoschus ficulneus</i>	0.1	40	KTF23-11	N=2.
<i>Abutilon malvifolium</i>	0.1	25	KTF23-16b	
<i>Acacia xiphophylla</i>	0.1	60		
<i>Alternanthera nodiflora</i>	0.1	25	KTF23-13	
<i>Ammannia multiflora</i>	0.1	8	KTF23-03	
<i>Arivela viscosa</i>	0.1	50		
<i>Astrebla elymoides</i>	0.5	80	KTF23-04	Ph 790. N=20.
<i>Austrobryonia pilbarensis</i>	0.1	10		
<i>Bergia pedicellaris</i>	0.1	8		
<i>Bulbostylis turbinata</i>	0.1	15		
<i>Centipeda minima</i> subsp. <i>macrocephala</i>	0.1	10		
<i>Corchorus trilocularis</i>	0.1	25	KTF23-16a	
<i>Crotalaria dissitiflora</i> subsp. <i>benthamiana</i>	0.1	40		
<i>Cucumis picrocarpus</i>	0.1	25		
<i>Cullen cinereum</i>	8	40	KTF23-09	
<i>Cullen graveolens</i>	2	30		
<i>Cynodon convergens</i>	2	50		
<i>Cyperus difformis</i>	0.1	8	KTF23-10	
<i>Cyperus iria</i>	0.1	25		
<i>Dichanthium sericeum</i> subsp. <i>humilius</i>	0.1	60		
<i>Dysphania rhadinostachya</i> subsp. <i>inflata</i>	0.1	30	KTF23-08	
<i>Elytrophorus spicatus</i>	0.1	10		
<i>Eragrostis tenellula</i>	0.25	40		
<i>Eragrostis xerophila</i>	1	50		
<i>Eriachne benthamii</i>	7	70		
<i>Euphorbia inappendiculata</i> var. <i>queenslandica</i>	0.1	10	KTF23-1,14	Formal ID by M. Hislop (WAH) KTF70-12=
<i>Gomphrena affinis</i> subsp. <i>pilbarensis</i>	0.1	30		
<i>Goodenia microptera</i>	0.1	30		
<i>Grona muelleri</i>	0.1	30	KTF23-15	

Name	Cover (%)	Height (cm)	Specimen	Notes
<i>Hibiscus verdcourtii</i>	0.1	40		
<i>Indigofera linifolia</i>	0.1	25		
<i>Indigofera trita</i> subsp. <i>trita</i>	0.1	25		
<i>Ipomoea lonchophylla</i>	0.1	30		
<i>Iseilema membranaceum</i>	0.1	10	KTF23-18	
<i>Marsilea hirsuta</i>	0.1	8	KTF23-05	
<i>Mimulus gracilis</i>	0.1	10		
<i>Neptunia dimorphantha</i>	0.5	30	KTF23-06	
<i>Operculina aequisejala</i>	0.5	50		
<i>Panicum laevinode</i>	2.5	80	KTF21-06=	
<i>Phyllanthus maderaspatensis</i>	0.1	40		
<i>Portulaca pilosa</i> s. lat	0.1	10	KTF23-17	Formal ID by M. Hislop (WAH)
<i>Portulaca intraterranea</i>	0.1	15	KTF23-02	
<i>Ptilotus gomphrenoides</i>	0.1	25		
<i>Rhynchosia minima</i>	0.1	40		
<i>Sida</i> sp. L (A.M. Ashby 4202) PN	0.1	25		
<i>Sida spinosa</i>	0.1	25		
<i>Stemodia kingii</i>	0.25	35		
<i>Streptoglossa bubakii</i>	0.1	40		
<i>Striga squamigera</i>	0.1	15	KTF23-12	
<i>Vigna</i> sp. Hamersley Clay (A.A. Mitchell PRP 113)	0.1	25	KTF23-07	



Site KTF24  
 Described by PL/AL Date 21/4/2020  
 Type Quadrat 50 x 50 m  
 Central Coord 50 544351 mE, 7602947 mN  
 Habitat Flat plain; slight linear depression.  
 Soil Dark reddish brown clay loam.  
 Rock Type Ironstone, quartz.  
 Vegetation *Corymbia hamersleyana* low open woodland over *Acacia ancistrocarpa* tall shrubland over *Senna artemisioides* subsp. *oligophylla* (thinly sericeous form MET 15,035), (*A. sclerosperma* subsp. *sclerosperma*, *A. trachycarpa*) open shrubland over *S. artemisioides* subsp. *helmsii* scattered low shrubs over *Triodia epactia* very open hummock grassland.  
 Veg Condition Excellent.  
 Fire Age Burnt 3-5 years ago.  
 Notes Part of quadrat burnt 2 years ago, but no change to species.  
 U1 ^*Corymbia hamersleyana*^\^tree\6\r;M1+ ^*Acacia ancistrocarpa*^\^shrub\4\r;M2 *Senna artemisioides* subsp. *oligophylla* (thinly sericeous form MET 15,035),*Acacia sclerosperma* subsp. *sclerosperma*,*Acacia trachycarpa*^\^shrub\3\r;M3 *Senna artemisioides* subsp. *helmsii*^\^shrub\1\r;G1 ^*Triodia epactia*^\^hummock grass\1\r.

Name	Cover (%)	Height (cm)	Specimen	Notes
<i>Abutilon otocarpum</i>	0.1	40		
<i>Acacia ancistrocarpa</i>	18	260		
<i>Acacia sclerosperma</i> subsp. <i>sclerosperma</i>	1	190		
<i>Acacia trachycarpa</i>	0.5	100		
<i>Alysicarpus muelleri</i>	0.1	70		
<i>Aristida contorta</i>	0.1	25	KTF24-09a	
<i>Aristida holathera</i> var. <i>holathera</i>	0.1	30		
<i>Arivela viscosa</i>	0.1	30		
<i>Boerhavia coccinea</i>	0.1	40		
<i>Bothriochloa ewartiana</i>	0.1	90	KTF24-10	
<i>Chrysopogon fallax</i>	0.1	90		
<i>Corymbia hamersleyana</i>	2.5	500		
<i>Cullen pogonocarpum</i>	0.1	35	KTF24-02	
<i>Cynodon convergens</i>	0.1	10	KTF24-09b	
<i>Dactyloctenium radulans</i>	0.1	10		
<i>Dysphania kalpari</i>	0.1	15		
<i>Eriachne aristidea</i>	0.1	40		
<i>Eriachne mucronata</i>	0.1	40		
<i>Eriachne pulchella</i>	0.1	15		
<i>Eulalia aurea</i>	0.1	60		
<i>Euphorbia biconvexa</i>	0.1	25	KTF24-03	
<i>Euphorbia boophthona</i>	0.1	50		
<i>Evolvulus alsinoides</i> var. <i>villosicalyx</i>	0.1	20		
<i>Gomphrena cunninghamii</i>	0.1	20		
<i>Goodenia microptera</i>	0.1	15		
<i>Goodenia nuda</i>	0.1	30		N=2.
<i>Gossypium australe</i>	0.1	70		
<i>Grevillea wickhamii</i> subsp. <i>hispidula</i>	0.1	160		
<i>Heliotropium inexplicitum</i>	0.1	30	KTF24-04	
<i>Hibiscus sturtii</i> var. <i>grandiflorus</i>	0.1	50		
<i>Indigofera colutea</i>	0.1	25		
<i>Indigofera linifolia</i>	0.1	30		
<i>Indigofera monophylla</i>	0.1	80		
<i>Iseilema membranaceum</i>	0.1	25	KTF24-08	

Name	Cover (%)	Height (cm)	Specimen	Notes
<i>Maireana villosa</i>	0.1	30		
<i>Paspalidium rarum</i>	0.1	30		
<i>Perotis rara</i>	0.1	10		
<i>Polygala glaucifolia</i>	0.1	5	KTF24-06	
<i>Polymeria ambigua</i>	0.1	20		
<i>Ptilotus astrolasius</i>	0.1	50		
<i>Ptilotus calostachyus</i>	0.1	80		
<i>Ptilotus exaltatus</i>	0.1	25		
<i>Ptilotus gaudichaudii</i>	0.1	20		
<i>Ptilotus helipteroides</i>	0.1	20		
<i>Ptilotus obovatus</i> var. <i>obovatus</i>	0.1	50		
<i>Senna artemisioides</i> subsp. <i>helmsii</i>	1.5	80		
<i>Senna artemisioides</i> subsp. <i>oligophylla</i>	0.1	120		
<i>Senna artemisioides</i> subsp. <i>oligophylla</i> (thinly sericeous form MET 15,035)	2	140		
<i>Senna notabilis</i>	0.1	20		
<i>Sida</i> sp. L (A.M. Ashby 4202) PN	0.1	30		
<i>Solanum diversiflorum</i>	0.1	20		
<i>Sporobolus australasicus</i>	0.1	15		
<i>Streptoglossa bubakii</i>	0.1	40		
<i>Tephrosia supina</i>	0.1	40	KTF24-07	
<i>Tribulus macrocarpus</i>	0.1	30		
<i>Triodia epactia</i>	4	60		



Site KTF25  
 Described by RM/SY Date 22/4/2020  
 Type Quadrat 50 x 50 m  
 Central Coord 50 546636 mE, 7603112 mN  
 Habitat Plain, sloping gently to the E; ironstone over clay.  
 Soil Dark reddish brown silty clay, cracking.  
 Rock Type Ironstone.  
 Vegetation *Acacia xiphophylla* low woodland over *Triodia epactia* very open hummock grassland over *Chrysopogon fallax*, *Eragrostis xerophila* scattered tussock grasses.  
 Veg Condition Very Good: cattle scats, some rubbish, old ground disturbance, occasional weeds.  
 Fire Age No sign of recent fire.  
 Notes U1+ ^*Acacia xiphophylla*\^tree\6i;G1 ^*Triodia epactia*\^hummock grass\1r;G2 *Chrysopogon fallax*,*Eragrostis xerophila*\tussock grass\1\bi.

Name	Cover (%)	Height (cm)	Specimen	Notes
<i>Abelmoschus ficulneus</i>	0.1	15	KTF15-09=	
<i>Abutilon lepidum</i>	0.1	30	KTF25-04	
<i>Acacia xiphophylla</i>	22	400		
<i>Arivela viscosa</i>	0.1	40		Dead.
<i>Boerhavia burbridgeana</i>	0.1	80		
<i>Boerhavia reptata</i>	0.1	20	KTF15-17=	
<i>Carissa lanceolata</i>	0.1	50	KTF15-20=	
<i>Cenchrus setiger</i>	0.1	40		N=50.
<i>Chrysopogon fallax</i>	0.5	90		
<i>Corchorus tridens</i>	0.1	15		
<i>Cucumis variabilis</i>	0.1	30		
<i>Cynodon convergens</i>	0.1	20	KTF15-02=	
<i>Dactyloctenium radulans</i>	0.1	20		
<i>Dipteracanthus</i> aff. <i>australasicus</i>	0.1	20	KTF15-18=	MM: SPECIMEN MISSING; have assumed field det correct.
<i>Duperreya commixta</i>	0.1	110		
<i>Dysphania rhadinostachya</i> subsp. <i>inflata</i>	0.1	10	KTF16-16=	
<i>Enteropogon ramosus</i>	0.1	40	KTF25-01	
<i>Eragrostis xerophila</i>	0.5	30	KTF15-12=	
<i>Eriachne flaccida</i>	0.1	50	KTF15-15=	
<i>Eriachne pulchella</i>	0.1	15		
<i>Euphorbia trigonosperma</i>	0.1	15	KTF16-04=	Match to WAH ID.
<i>Evolvulus alsinoides</i> var. <i>villosicalyx</i>	0.1	10		
<i>Flaveria trinervia</i>	0.1	20		N=10.
<i>Goodenia nuda</i>	0.1	30	KTF25-09	N=6.
<i>Indigofera trita</i> subsp. <i>trita</i>	0.1	15	KTF15-07=	
<i>Ipomoea lonchophylla</i>	0.1	15	KTF15-10=	
<i>Maireana planifolia</i> x <i>villosa</i>	0.1	30	KTF25-02	
<i>Neptunia dimorphantha</i>	0.1	25		
<i>Paspalidium clementii</i>	0.1	15	KTF15-24=	
<i>Phyllanthus maderaspatensis</i>	0.1	20		
<i>Portulaca oleracea</i> / <i>intraterranea</i>	0.1	10		
<i>Ptilotus aevroides</i>	0.1	15	KTF25-07	
<i>Ptilotus exaltatus</i>	0.1	20		
<i>Ptilotus obovatus</i> var. <i>obovatus</i>	0.1	60		
<i>Rhagodia eremaea</i>	0.1	120		

Name	Cover (%)	Height (cm)	Specimen	Notes
<i>Rhynchosia minima</i>	0.1	30		
<i>Salsola australis</i>	0.1	10		
<i>Senna artemisioides</i> subsp. <i>oligophylla</i>	0.1	110		
<i>Senna glutinosa</i> subsp. <i>x luerssenii</i>	0.1	130	KTF15-22=	
<i>Senna hamersleyensis</i>	0.1	20	KTF15-19=	
<i>Senna notabilis</i>	0.1	20		
<i>Sesbania cannabina</i>	0.1	20		
<i>Sida fibulifera</i>	0.1	25	KTF25-08	
<i>Sida spinosa</i>	0.1	20	KTF15-03=	
<i>Sporobolus australasicus</i>	0.1	15		
<i>Streptoglossa bubakii</i>	0.1	10	KTF15-08=	
<i>Themeda triandra</i>	0.1	40	KTF25-05	
<i>Trianthema triquetrum</i>	0.1	10	KTF25-10	
<i>Tribulus macrocarpus</i>	0.1	30		
<i>Triodia epactia</i>	8	30		



Site KTF26  
 Described by PL/SC Date 23/5/2020  
 Type Quadrat 25 x 100 m  
 Central Coord 50 568843 mE, 7539584 mN  
 Habitat Slope of low hill.  
 Soil Dark reddish brown silty clay loam.  
 Rock Type Ironstone.  
 Vegetation *Eucalyptus leucophloia* subsp. *leucophloia*, (*Corymbia hamersleyana*) low open woodland over *Acacia inaequilatera* scattered tall shrubs over *Senna glutinosa* subsp. *glutinosa* scattered shrubs over *Triodia wiseana* open hummock grassland.  
 Veg Condition Excellent.  
 Fire Age No sign of recent fire.  
 Notes U1 ^*Eucalyptus leucophloia* subsp. *leucophloia*, *Corymbia hamersleyana* ^tree\6\; M1 ^*Acacia inaequilatera* ^shrub\4\; M2 *Senna glutinosa* subsp. *glutinosa* \shrub\3\; G1+ ^*Triodia wiseana* ^hummock grass\1\i.

Name	Cover (%)	Height (cm)	Specimen	Notes
<i>Abutilon lepidum</i>	0.1	70		Form 1.
<i>Acacia adoxa</i> var. <i>adoxoidea</i>	0.1	40		
<i>Acacia inaequilatera</i>	0.5	400		
<i>Acacia pyrifolia</i> var. <i>pyrifolia</i>	0.1	160		
<i>Acacia tenuissima</i>	0.1	50		
<i>Amphipogon sericeus</i>	0.1	40	KTF26-02	
<i>Aristida holathera</i> var. <i>holathera</i>	0.1	40	KTF26-03	
<i>Arivela viscosa</i>	0.1	30		
<i>Bonamia pilbarensis</i>	0.1	10		
<i>Bulbostylis barbata</i>	0.1	15		
<i>Cassytha capillaris</i>	0.1	30		
<i>Corchorus parviflorus</i>	0.1	60		
<i>Corymbia hamersleyana</i>	0.75	700		
<i>Diplatia grandibractea</i>	0.1	50		On <i>Eucalyptus leucophloia</i> .
<i>Dodonaea coriacea</i>	0.1	40		
<i>Dolichocarpa crouchiana</i>	0.1	20		
<i>Eriachne mucronata</i>	0.1	40		Typical form. Erect hairs under sheaths.
<i>Eriachne pulchella</i>	0.1	15		
<i>Eucalyptus leucophloia</i> subsp. <i>leucophloia</i>	9	700		
<i>Euphorbia</i> sp. ( <i>biconvexa</i> / <i>coghlanii</i> / <i>trigonosperma</i> ; sterile)	0.1	40		Sterile.
<i>Goodenia stobbsiana</i>	0.1	40		
<i>Gossypium robinsonii</i>	0.1	300		
<i>Hakea chordophylla</i>	0.1	400		
<i>Hibiscus sturtii</i> var. <i>campylochlamys</i>	0.1	25		
<i>Indigofera monophylla</i>	0.1	40		
<i>Jasminum didymum</i> subsp. <i>lineare</i>	0.1	40		
<i>Paraneurachne muelleri</i>	0.1	40		
<i>Polycarpaea holtzei</i>	0.1	5		
<i>Ptilotus astrolasius</i>	0.1	40		
<i>Ptilotus calostachyus</i>	0.1	50		
<i>Ptilotus clementii</i>	0.1	15		



Name	Cover (%)	Height (cm)	Specimen	Notes
<i>Ptilotus fusiformis</i>	0.1	40		
<i>Schizachyrium fragile</i>	0.1	25		
<i>Senna artemisioides</i> subsp. <i>oligophylla</i>	0.1	50		
<i>Senna glutinosa</i> subsp. <i>glutinosa</i>	0.5	160		
<i>Senna glutinosa</i> subsp. <i>pruinosa</i>	0.1	160		
<i>Sida</i> sp. Articulation below (A.A. Mitchell PRP 1605)	0.1	190		
<i>Sida</i> sp. Pilbara (A.A. Mitchell PRP 1543)	0.1	70		Ferruginous form.
<i>Solanum lasiophyllum</i>	0.1	70		
<i>Trianthema glossostigmum</i>	0.1	5	KTF26-01	
<i>Trichodesma zeylanicum</i> var. <i>zeylanicum</i>	0.1	40		
<i>Triodia wiseana</i>	22	60		
<i>Triumfetta maconochieana</i>	0.1	35		



Site KTF27  
 Described by RM/SY Date 23/4/2020  
 Type Quadrat 50 x 50 m  
 Central Coord 50 551697 mE, 7597983 mN  
 Habitat Undulating stony plain.  
 Soil Dark reddish brown silty clay loam.  
 Rock Type Scattered ironstone.  
 Vegetation *Corymbia hamersleyana* scattered low trees over *Acacia atkinsiana* tall open shrubland over *A. ancistrocarpa*, *Hakea lorea* subsp. *lorea* scattered shrubs over *Acacia trachycarpa* scattered low shrubs over *Triodia wiseana*, (*T. epactia*) very open hummock grassland.  
 Veg Condition Excellent.  
 Fire Age Burnt 3-5 years ago.  
 Notes U1 ^*Corymbia hamersleyana* ^tree\6\bi;M1+ ^*Acacia atkinsiana* ^shrub\4\r;M2 *Acacia ancistrocarpa*,*Hakea lorea* subsp. *lorea* ^shrub\3\bi;M3 *Acacia trachycarpa* ^shrub\2\bi;G1 ^*Triodia wiseana*,*Triodia epactia* ^hummock grass\1\r.

Name	Cover (%)	Height (cm)	Specimen	Notes
<i>Acacia ancistrocarpa</i>	0.5	180		
<i>Acacia atkinsiana</i>	5	280	KTF27-07	
<i>Acacia maitlandii</i>	0.1	25		
<i>Acacia tenuissima</i>	0.1	50	KTF27-10	
<i>Acacia trachycarpa</i>	0.5	90		
<i>Aristida contorta</i>	0.1	30		
<i>Arivela viscosa</i>	0.1	20		
<i>Corchorus</i> sp.	0.1	20	KTF27-05	Inadequate material.
<i>Corymbia hamersleyana</i>	0.25	450		
<i>Dodonaea coriacea</i>	0.1	50	KTF27-02	
<i>Eriachne mucronata</i>	0.1	30	KTF27-04	Typical form. Erect
	hairs under sheaths.			
<i>Evolvulus alsinoides</i> var. <i>villosicalyx</i>	0.1	10		
<i>Goodenia microptera</i>	0.1	5		
<i>Grevillea wickhamii</i>	0.1	50	Sterile.	
<i>Hakea lorea</i> subsp. <i>lorea</i>	0.25	170	KTF27-11	
<i>Hibiscus sturtii</i> var. <i>campylochlamys</i>	0.1	10	KTF27-06	
<i>Indigofera monophylla</i>	0.1	10		
<i>Polygala glaucifolia</i>	0.1	2	KTF16-09=	
<i>Ptilotus calostachyus</i>	0.1	20		
<i>Ptilotus exaltatus</i>	0.1	10		
<i>Ptilotus obovatus</i> var. <i>obovatus</i>	0.1	30	KTF27-08	
<i>Senna glutinosa</i> subsp. <i>glutinosa</i>	0.1	170		
<i>Senna notabilis</i>	0.1	5		
<i>Seringia nephrosperma</i>	0.1	60	KTF27-01	
<i>Sida fibulifera</i>	0.1	7		
<i>Tephrosia</i> sp. Bungaroo Creek (M.E. Trudgen 11601)	0.1	20	KTF27-03	
<i>Triodia epactia</i>	0.5	40		
<i>Triodia wiseana</i>	5	40	KTF27-09	



Site KTF28  
 Described by RM/SY Date 24/4/2020  
 Type Quadrat 50 x 50 m  
 Central Coord 50 551970 mE, 7597118 mN  
 Habitat Lower part of undulating plain.  
 Soil Red silty clay to light clay.  
 Vegetation *Acacia citrinoviridis* low woodland over *Triodia epactia* very open hummock grassland over *Paspalidium clementii*, (*Sporobolus australasicus*) very open bunch grassland.  
 Veg Condition Very Good: signs of cattle; very occasional weeds.  
 Fire Age No sign of recent fire.  
 Notes U1+ ^*Acacia citrinoviridis*\ ^tree\6\i;G1 ^*Triodia epactia*\ ^hummock grass\1\r;G2 *Paspalidium clementii*,*Sporobolus australasicus*\other grass\1\r.

Name	Cover (%)	Height (cm)	Specimen	Notes
<i>Acacia ancistrocarpa</i>	0.1	160		
<i>Acacia atkinsiana</i>	0.1	280	KTF28-10	
<i>Acacia citrinoviridis</i>	28	350	KTF28-01	
<i>Acacia pyrifolia</i> var. <i>pyrifolia</i>	0.1	90	KTF28-09	
<i>Alysicarpus muelleri</i>	0.1	30		
<i>Aristida contorta</i>	0.1	30		
<i>Arivela viscosa</i>	0.1	60		
<i>Bidens bipinnata</i>	0.1	30		N=50.
<i>Boerhavia burbidgeana</i>	0.1	60		
<i>Boerhavia coccinea</i>	0.1	15	KTF28-18A	
<i>Bulbostylis barbata</i>	0.1	10		
<i>Cheilanthes sieberi</i> subsp. <i>sieberi</i>	0.1	20	REL04-09=	
<i>Chrysopogon fallax</i>	0.1	90		
<i>Corchorus tridens</i>	0.1	10		
<i>Cucumis picrocarpus</i>	0.1	50		
<i>Cucumis variabilis</i>	0.1	30		
<i>Cullen pogonocarpum</i>	0.1	25	KTF28-04	
<i>Dichanthium sericeum</i> subsp. <i>humilius</i>	0.1	30		
<i>Digitaria brownii</i>	0.1	30	KTF28-16	
<i>Duperreya commixta</i>	0.1	70		
<i>Dysphania kalpari</i>	0.1	20	KTF28-21	
<i>Eremophila forrestii</i> subsp. <i>forrestii</i>	0.1	110	KTF28-24	
<i>Eriachne aristidea</i>	0.1	30		
<i>Eulalia aurea</i>	0.1	100	KTF28-14	
<i>Euphorbia biconvexa</i>	0.1	30	KTF28-03	
<i>Euphorbia boophthona</i>	0.1	40	KTF28-02	
<i>Euphorbia drummondii</i>	0.1	10	KTF28-11	
<i>Evolvulus alsinoides</i> var. <i>villosicalyx</i>	0.1	40		
<i>Goodenia microptera</i>	0.1	20		
<i>Goodenia muelleriana</i>	0.1	30	KTF28-15	
<i>Hakea lorea</i> subsp. <i>lorea</i>	0.1	120	KTF27-11=	
<i>Heliotropium pachyphyllum</i>	0.1	20	KTF28-25	
<i>Hibiscus burtonii</i>	0.1	30	KTF28-13	
<i>Hibiscus sturtii</i> var. <i>grandiflorus</i>	0.1	15	KTF28-22	
<i>Indigofera monophylla</i>	0.1	40		
<i>Ipomoea muelleri</i>	0.1	40	KTF28-05	
<i>Iseilema membranaceum</i>	0.1	20	KTF28-17	
<i>Maireana planifolia</i>	0.1	80	KTF28-19	
<i>Notoleptopus decaisnei</i>	0.1	20		
<i>Paspalidium clementii</i>	2	20	REL06-03=	
<i>Phyllanthus maderaspatensis</i>	0.1	20		

Name	Cover (%)	Height (cm)	Specimen	Notes
<i>Portulaca oleracea/intraterranea</i>	0.1	20		
<i>Ptilotus auriculifolius</i>	0.1	40	KTF28-23	
<i>Ptilotus exaltatus</i>	0.1	40		
<i>Ptilotus gomphrenoides</i>	0.1	30	KTF14-17=	
<i>Ptilotus obovatus</i> var. <i>obovatus</i>	0.1	60		
<i>Rhynchosia minima</i>	0.1	20		
<i>Senna artemisioides</i> subsp. <i>oligophylla</i> (thinly sericeous form MET 15,035)	0.1	5	KTF28-07	
<i>Senna glutinosa</i> subsp. <i>glutinosa</i> x <i>S. stricta</i>	0.1	10	KTF28-20	
<i>Senna notabilis</i>	0.1	5		
<i>Solanum diversiflorum</i>	0.1	20		
<i>Sporobolus australasicus</i>	0.5	20		
<i>Streptoglossa bubakii</i>	0.1	10	KTF14-08=	
<i>Striga squamigera</i>	0.1	20	KTF28-06	
<i>Tephrosia rosea</i> s. lat	0.1	20	KTF28-08	Formal ID by M. Hislop (WAH) KTF50-32=.
<i>Tribulus astrocarpus</i>	0.1	30		
<i>Tribulus macrocarpus</i>	0.1	20		
<i>Trichodesma zeylanicum</i> var. <i>zeylanicum</i>	0.1	20		
<i>Triodia epactia</i>	8	40		
<i>Vincetoxicum lineare</i>	0.1	150	KTF28-18	



Site KTF29  
 Described by RM/SY Date 24/4/2020  
 Type Quadrat 50 x 50 m  
 Central Coord 50 553566 mE, 7595292 mN  
 Habitat Broad drainage line with channels running E-W.  
 Soil Red silty clay.  
 Vegetation *Corymbia hamersleyana*, *Acacia citrinoviridis* low open woodland over *Grevillea wickhamii* subsp. *hispidula* scattered tall shrubs over *Triodia epactia*, (*T. wiseana*) open hummock grassland with *Themeda triandra* scattered tussock grasses.  
 Veg Condition Excellent: very occasional weeds.  
 Fire Age No sign of recent fire.  
 Notes U1 ^*Corymbia hamersleyana*, ^*Acacia citrinoviridis* ^tree\6\r; M1 ^*Grevillea wickhamii* subsp. *hispidula* ^shrub\4\bi; G1+ ^*Triodia epactia*, *Triodia wiseana* ^hummock grass\1\i; G2 *Themeda triandra* ^tussock grass\1\bi.

Name	Cover (%)	Height (cm)	Specimen	Notes
<i>Abutilon lepidum</i>	0.1	45		
<i>Abutilon macrum</i>	0.1	25	KTF29-09	
<i>Acacia adoxa</i> var. <i>adoxoidea</i>	0.1	50	KTF29-17	
<i>Acacia atkinsiana</i>	0.1	230	KTF27-07=	
<i>Acacia citrinoviridis</i>	3	600	KTF28-01=	
<i>Acacia colei</i>	0.1	150	REL06-09=	Sterile.
<i>Acacia pyrifolia</i> var. <i>pyrifolia</i>	0.1	60	KTF28-09=	
<i>Acacia trachycarpa</i>	0.1	110		
<i>Acacia tumida</i> var. <i>pilbarensis</i>	0.1	130	KTF29-23	
<i>Afrohybanthus aurantiacus</i>	0.1	50		
<i>Alternanthera nana</i>	0.1	20	KTF29-18	
<i>Alysicarpus muelleri</i>	0.1	20		
<i>Aristida inaequiglumis</i>	0.1	70	KTF29-07	
<i>Arivela viscosa</i>	0.1	80		
<i>Boerhavia burbridgeana</i>	0.1	70		
<i>Bonamia erecta</i>	0.1	30	KTF29-19	
<i>Bulbostylis barbata</i>	0.1	5		
<i>Cenchrus ciliaris</i>	0.1	50		N=10.
<i>Cenchrus setiger</i>	0.1	40		N=5.
<i>Chrysopogon fallax</i>	0.1	110		
<i>Corchorus tectus</i>	0.1	40	KTF29-11	
<i>Corchorus tridens</i>	0.1	5		
<i>Corymbia hamersleyana</i>	5	650		
<i>Crotalaria medicaginea</i> var. <i>neglecta</i>	0.1	60	KTF29-02	
<i>Cucumis variabilis</i>	0.1	70		
<i>Cymbopogon ambiguus</i>	0.1	90	KTF29-15	
<i>Cynodon convergens</i>	0.1	25		
<i>Dichanthium sericeum</i> subsp. <i>humilius</i>	0.1	40		
<i>Digitaria brownii</i>	0.1	20	REL06-01=	
<i>Duperreya commixta</i>	0.1	60		
<i>Dysphania kalpari</i>	0.1	20	KTF28-21=	
<i>Enneapogon polyphyllus</i>	0.1	20		
<i>Eriachne aristidea</i>	0.1	30		
<i>Eriachne tenuiculmis</i>	0.1	40	KTF29-16	
<i>Eulalia aurea</i>	0.1	70	KTF28-14=	
<i>Euphorbia australis</i> var. <i>subtomentosa</i>	0.1	5	KTF29-03	
<i>Euphorbia biconvexa</i>	0.1	30	KTF28-03=	

Name	Cover (%)	Height (cm)	Specimen	Notes
<i>Evolvulus alsinoides</i> var. <i>villosicalyx</i>	0.1	20		
<i>Gomphrena cunninghamii</i>	0.1	5	KTF29-14	
<i>Goodenia microptera</i>	0.1	5		
<i>Goodenia muelleriana</i>	0.1	20	KTF28-15=	
<i>Goodenia nuda</i>	0.1	40	KTF29-20	N=19.
<i>Grevillea wickhamii</i> subsp. <i>hispidula</i>	0.5	270	KTF29-08	
<i>Hibiscus sturtii</i> var. <i>grandiflorus</i>	0.1	25	KTF28-22=	
<i>Indigofera monophylla</i>	0.1	50		
<i>Iseilema membranaceum</i>	0.1	20	KTF28-17=	
<i>Isotropis atropurpurea</i>	0.1	20	KTF29-05	
<i>Jasminum didymum</i> subsp. <i>lineare</i>	0.1	200		
<i>Melhania oblongifolia</i>	0.1	60	KTF29-24	
<i>Notoleptopus decaisnei</i>	0.1	15		
<i>Paraneurachne muelleri</i>	0.1	40		
<i>Paspalidium clementii</i>	0.1	25	REL06-03=	
<i>Phyllanthus maderaspatensis</i>	0.1	20		
<i>Pterocaulon sphacelatum</i>	0.1	40	KTF29-22	
<i>Ptilotus calostachyus</i>	0.1	30		
<i>Ptilotus exaltatus</i>	0.1	20		
<i>Ptilotus fusiformis</i>	0.1	40	KTF29-25	Also KTF29-26.
<i>Rhynchosia minima</i>	0.1	30		
<i>Rostellularia adscendens</i> var. <i>clementii</i>	0.1	20	KTF29-13	
<i>Senna glutinosa</i> subsp. <i>glutinosa</i>	0.1	40		
<i>Senna notabilis</i>	0.1	20		
<i>Sesbania cannabina</i>	0.1	60		
<i>Sida fibulifera</i>	0.1	5		
<i>Sida</i> sp. L (A.M. Ashby 4202) PN	0.1	30	KTF29-01	
<i>Solanum diversiflorum</i>	0.1	10		
<i>Sporobolus australasicus</i>	0.1	10		
<i>Streptoglossa bubakii</i>	0.1	20	KTF14-08=	
<i>Tephrosia rosea</i> var. <i>Fortescue</i> creeks (M.I.H. Brooker 2186)	0.1	50	KTF29-12	
<i>Themeda triandra</i>	2	50		
<i>Trichodesma zeylanicum</i> var. <i>zeylanicum</i>	0.1	15		
<i>Trigastrotheca molluginea</i>	0.1	30		
<i>Triodia epactia</i>	20	40		
<i>Triodia wiseana</i>	0.5	50	KTF27-09=	
<i>Triumfetta chaetocarpa</i>	0.1	20	KTF29-4,27	
<i>Urochloa occidentalis</i> var. <i>ciliata</i>	0.1	30	REL06-06=	
<i>Waltheria indica</i>	0.1	30	KTF29-06	



Site KTF30  
 Described by BRMMG Date 22/4/2020  
 Type Quadrat 50 x 50 m  
 Central Coord 50 548170 mE, 7601920 mN  
 Habitat Very gentle south-facing slope, low rise on plain.  
 Soil Dark reddish brown sandy loam.  
 Rock Type Ironstone.  
 Vegetation *Acacia ancistrocarpa* scattered tall shrubs over *Carissa lanceolata* scattered shrubs over *Triodia epactia* open hummock grassland.  
 Veg Condition Very Good: occasional weeds; signs of cattle.  
 Fire Age No sign of recent fire.  
 Notes *Corymbia hamersleyana* is sparsely scattered over this plain. Rise is very low above surrounding plain.  
 M1 ^*Acacia ancistrocarpa*\^shrub\4\bi;M2 *Carissa lanceolata*\shrub\3\bi;G1+ ^*Triodia epactia*\^hummock grass\1\i.

Name	Cover (%)	Height (cm)	Specimen	Notes
<i>Abutilon</i> sp. Pilbara (W.R. Barker 2025) PN	0.1	20		
<i>Acacia ancistrocarpa</i>	0.5	210		
<i>Acacia pyrifolia</i> var. <i>pyrifolia</i>	0.1	60		
<i>Acacia trachycarpa</i>	0.1	70		
<i>Alysicarpus muelleri</i>	0.1	40		
<i>Bonamia pannosa</i>	0.1	4	KTF30-06	
<i>Carissa lanceolata</i>	0.5	150		
<i>Cenchrus setiger</i>	0.1	40		N=10.
<i>Chrysopogon fallax</i>	0.1	100		
<i>Corchorus tectus</i>	0.1	20	KTF20-11=	
<i>Corchorus tridens</i>	0.1	3	KTF30-05	
<i>Corymbia hamersleyana</i>	0.1	210		
<i>Crotalaria medicaginea</i> var. <i>neglecta</i>	0.1	30		
<i>Dichanthium sericeum</i> subsp. <i>humilius</i>	0.1	25		
<i>Enneapogon polyphyllus</i>	0.1	30	KTF04-19=	
<i>Eragrostis xerophila</i>	0.1	30	KTF30-03	
<i>Eriachne aristidea</i>	0.1	8		
<i>Eriachne pulchella</i>	0.1	20		
<i>Euphorbia biconvexa</i>	0.1	40	KTF30-01	
<i>Euphorbia boophthona</i>	0.1	15	KTF30-16	
<i>Euphorbia vaccaria</i> var. <i>vaccaria</i>	0.1	20	KTF30-07	
<i>Evolvulus alsinoides</i> var. <i>villosicalyx</i>	0.1	5		
<i>Gomphrena affinis</i> subsp. <i>pilbarensis</i>	0.1	20	KTF30-09	
<i>Gomphrena cunninghamii</i>	0.1	20		
<i>Goodenia microptera</i>	0.1	10		
<i>Gossypium australe</i>	0.1	70		Burrup Peninsula form.
<i>Heliotropium inexplicitum</i>	0.1	10	KTF30-17	
<i>Hibiscus leptocladus</i>	0.1	30	KTF30-19	
<i>Hibiscus sturtii</i> var. <i>grandiflorus</i>	0.1	10	KTF30-08	
<i>Indigofera colutea</i>	0.1	20		
<i>Indigofera linifolia</i>	0.1	20	KTF30-15	
<i>Ipomoea muelleri</i>	0.1	30	KTF30-18	
<i>Iseilema dolichotrichum</i>	0.1	20	KTF30-2,14	
<i>Neptunia dimorphantha</i>	0.1	20	KTF30-04	
<i>Notoleptopus decaisnei</i>	0.1	12	KTF30-13	
<i>Portulaca oleracea/intraterranea</i>	0.1	10		
<i>Ptilotus exaltatus</i>	0.1	3		



Name	Cover (%)	Height (cm)	Specimen	Notes
<i>Ptilotus fusiformis</i>	0.1	40		
<i>Ptilotus obovatus</i> var. <i>obovatus</i>	0.1	4	KTF30-11	
<i>Rhynchosia minima</i>	0.1	35		
<i>Senna artemisioides</i> subsp. <i>oligophylla</i> x subsp. <i>helmsii</i>	0.1	50	KTF19-16=	Closer to straight subsp. <i>helmsii</i> , but not quite right.
<i>Senna notabilis</i>	0.1	15		
<i>Sida arsiniata</i>	0.1	20	KTF30-12	
<i>Sida</i> sp.	0.1	5	KTF30-22	Poor material; juvenile.
<i>Sida</i> sp.	0.1	6	KTF30-21	Poor material; juvenile.
<i>Solanum diversiflorum</i>	0.1	5		
<i>Sporobolus australasicus</i>	0.1	30		
<i>Streptoglossa bubakii</i>	0.1	10	KTF01-21=	
<i>Tribulus hirsutus</i>	0.1	20		
<i>Triodia epactia</i>	25	60	KTF20-01=	
<i>Yakirra australiensis</i> var. <i>australiensis</i>	0.1	20	KTF30-10	Also KTF30-20.



Site KTF31  
 Described by BRMMG Date 22/4/2020  
 Type Quadrat 50 x 50 m  
 Central Coord 50 548817 mE, 7601571 mN  
 Habitat Plain.  
 Soil Dark reddish brown sandy loam.  
 Rock Type Chert, ironstone, sandstone; no rocks, only sparse gravel and a few small cobbles.  
 Vegetation *Acacia ancistrocarpa*, (*A. sclerosperma* subsp. *sclerosperma*, *Eremophila longifolia*) tall open shrubland over *Acacia trachycarpa*, *Senna artemisioides* subsp. *oligophylla* scattered shrubs over *Triodia epactia* hummock grassland over *Eulalia aurea*, (*Chrysopogon fallax*) very open tussock grassland and *Rhynchosia minima* scattered herbs.  
 Veg Condition Excellent.  
 Fire Age No sign of recent fire.  
 Notes M1 ^*Acacia ancistrocarpa*,*Acacia sclerosperma* subsp. *sclerosperma*,*Eremophila longifolia* ^shrub\4\r;M2 *Acacia trachycarpa*,*Senna artemisioides* subsp. *oligophylla* \shrub\3\bi;G1+ ^*Triodia epactia* ^hummock grass\1\c;G2 *Eulalia aurea*,*Chrysopogon fallax*,*Rhynchosia* \tussock grass,forb\2\r.

Name	Cover (%)	Height (cm)	Specimen	Notes
<i>Abutilon lepidum</i>	0.1	35	KTF31-14	
<i>Abutilon otocarpum</i>	0.1	15		
<i>Abutilon</i> sp. Pilbara (W.R. Barker 2025) PN	0.1	20		
<i>Acacia ancistrocarpa</i>	3	210		
<i>Acacia sclerosperma</i> subsp. <i>sclerosperma</i>	0.5	250		
<i>Acacia trachycarpa</i>	0.5	160		
<i>Aristida contorta</i>	0.1	30		
<i>Aristida inaequiglumis</i>	0.1	120	KTF31-09	
<i>Arivela viscosa</i>	0.1	50		
<i>Bonamia erecta</i>	0.1	30		
<i>Chrysopogon fallax</i>	0.5	120		
<i>Corchorus tectus</i>	0.1	30	KTF20-11=	
<i>Crotalaria medicaginea</i> var. <i>neglecta</i>	0.1	45		
<i>Cucumis variabilis</i>	0.1	10		
<i>Dysphania kalpari</i>	0.1	10	KTF31-11	
<i>Enneapogon polyphyllus</i>	0.1	20		
<i>Eremophila forrestii</i> subsp. <i>forrestii</i>	0.1	120	KTF31-13	
<i>Eremophila longifolia</i>	0.5	220		
<i>Eriachne aristidea</i>	0.1	20		
<i>Eriachne pulchella</i>	0.1	20		
<i>Eulalia aurea</i>	3	60		
<i>Euphorbia biconvexa</i>	0.1	15	KTF31-02	
<i>Euphorbia boophthona</i>	0.1	5	KTF31-06	
<i>Euphorbia vaccaria</i> var. <i>vaccaria</i>	0.1	1	KTF31-12	
<i>Evolvulus alsinoides</i> var. <i>villosicalyx</i>	0.1	12		
<i>Gomphrena cunninghamii</i>	0.1	20		
<i>Goodenia forrestii</i>	0.1	30	KTF31-1,15	
<i>Goodenia microptera</i>	0.1	30		
<i>Gossypium australe</i>	0.1	80	KTF19-26=	Burrup Peninsula form.
<i>Hibiscus sturtii</i> var. <i>grandiflorus</i>	0.1	20	KTF30-08=	

Name	Cover (%)	Height (cm)	Specimen	Notes
<i>Indigofera monophylla</i>	0.1	45		
<i>Ipomoea muelleri</i>	0.1	10	KTF30-18=	
<i>Ipomoea polymorpha</i>	0.1	20	KTF31-16	
<i>Iseilema membranaceum</i>	0.1	30	KTF31-21	
<i>Isotropis atropurpurea</i>	0.1	40	KTF20-04=	
<i>Maireana planifolia</i> x <i>villosa</i>	0.1	40	KTF31-19	
<i>Neptunia dimorphantha</i>	0.1	12	KTF30-04=	
<i>Paraneurachne muelleri</i>	0.1	20		
<i>Paspalidium rarum</i>	0.1	15	KTF31-03	
<i>Polygala glaucifolia</i>	0.1	3	KTF31-18	
<i>Portulaca oleracea/intraterranea</i>	0.1	5		
<i>Ptilotus astrolasius</i>	0.1	40		
<i>Ptilotus exaltatus</i>	0.1	10		
<i>Ptilotus fusiformis</i>	0.1	30		
<i>Ptilotus gaudichaudii</i>	0.1	12		
<i>Ptilotus helipteroides</i>	0.1	40		
<i>Rhynchosia minima</i>	0.5	40		
<i>Senna artemisioides</i> subsp. <i>oligophylla</i>	0.25	140	KTF31-04	
<i>Senna notabilis</i>	0.1	10		
<i>Sida echinocarpa</i>	0.1	20	KTF31-20	
<i>Sida</i> sp.	0.1	5	KTF31-08	Poor material; juvenile.
<i>Sida</i> sp. L (A.M. Ashby 4202) PN	0.1	15	KTF31-05	
<i>Sida spinosa</i>	0.1	20	KTF31-10	
<i>Solanum diversiflorum</i>	0.1	20		
<i>Sporobolus australasicus</i>	0.1	15		
<i>Streptoglossa bubakii</i>	0.1	10	KTF01-21=	
<i>Tribulus macrocarpus</i>	0.1	8	KTF31-17	
<i>Trichodesma zeylanicum</i> var. <i>zeylanicum</i>	0.1	15		
<i>Triodia epactia</i>	35	110	KTF20-01=	
<i>Triumfetta chaetocarpa</i>	0.1	20	KTF31-07	
<i>Yakirra australiensis</i> var. <i>australiensis</i>	0.1	15	KTF30-10=	



Site KTF32  
 Described by BRMMG Date 23/4/2020  
 Type Quadrat 50 x 50 m  
 Central Coord 50 549146 mE, 7601167 mN  
 Habitat Drainage area.  
 Soil Dusky red (10R 3/4) sandy clay loam.  
 Vegetation *Corymbia hamersleyana* scattered low trees over *Acacia ancistrocarpa*, (*A. inaequilatera*) tall shrubland over *A. trachycarpa* shrubland over *Triodia epactia* very open hummock grassland and *Chrysopogon fallax*, (*Eulalia aurea*) very open tussock grassland.  
 Veg Condition Excellent: 1 x \**Vachellia*.  
 Fire Age No sign of recent fire.  
 Notes Several bare patches within quadrat - possibly recent fire?; no other sign overall.  
 U1 ^*Corymbia hamersleyana* ^tree\6\bi;M1+ ^*Acacia ancistrocarpa*,*Acacia inaequilatera* ^shrub\4\i;M2 *Acacia trachycarpa* ^shrub\3\i;G1 ^*Chrysopogon fallax*,*Eulalia aurea* ^tussock grass\2\r;G2 *Triodia epactia* ^hummock grass\1\r.

Name	Cover (%)	Height (cm)	Specimen	Notes
<i>Abutilon lepidum</i>	0.1	30	KTF32-16	
<i>Abutilon otocarpum</i>	0.1	70	KTF32-05B	
<i>Abutilon</i> sp. Pilbara (W.R. Barker 2025) PN	0.1	20		
<i>Acacia ancistrocarpa</i>	20	210		
<i>Acacia inaequilatera</i>	0.25	220		
<i>Acacia tenuissima</i>	0.1	120	KTF32-13	
<i>Acacia trachycarpa</i>	15	160		
<i>Alysicarpus muelleri</i>	0.1	60		
<i>Arivela viscosa</i>	0.1	40		
<i>Bonamia erecta</i>	0.1	30		
<i>Bonamia pannosa</i>	0.1	20	KTF32-03	
<i>Chrysopogon fallax</i>	7	110		
<i>Corchorus</i> sp.	0.1	30	KTF32-05C	Inadequate material.
<i>Corchorus tectus</i>	0.1	30	KTF32-01	
<i>Corymbia hamersleyana</i>	2	450		
<i>Cucumis picrocarpus</i>	0.1	20	KTF03-38=	
<i>Eriachne aristidea</i>	0.1	10		
<i>Eriachne pulchella</i>	0.1	20		
<i>Eulalia aurea</i>	0.5	50		
<i>Euphorbia biconvexa</i>	0.1	20	KTF32-04	
<i>Euphorbia vaccaria</i> var. <i>vaccaria</i>	0.1	1	KTF32-17	
<i>Evolvulus alsinoides</i> var. <i>villosicalyx</i>	0.1	30		
<i>Gomphrena cunninghamii</i>	0.1	15		
<i>Goodenia forrestii</i>	0.1	30	KTF31-15=	
<i>Goodenia microptera</i>	0.1	40		
<i>Goodenia nuda</i>	0.1	40	KTF19-09=	
<i>Gossypium australe</i>	0.1	30	KTF19-26=	
<i>Hakea lorea</i> subsp. <i>lorea</i>	0.1	170	KTF32-07	
<i>Heliotropium cunninghamii</i>	0.1	25	KTF32-09	
<i>Heliotropium pachyphyllum</i>	0.1	30	KTF32-08	
<i>Hibiscus coatesii</i>	0.1	5	KTF32-18	
<i>Hibiscus sturtii</i> var. <i>grandiflorus</i>	0.1	25	KTF30-08=	
<i>Indigofera linifolia</i>	0.1	30	KTF30-15=	

Name	Cover (%)	Height (cm)	Specimen	Notes
<i>Indigofera monophylla</i>	0.1	30		
<i>Isotropis atropurpurea</i>	0.1	20	KTF20-04=	
<i>Notoleptopus decaisnei</i>	0.1	20	KTF32-11	
<i>Paraneurachne muelleri</i>	0.1	40		
<i>Polygala glaucifolia</i>	0.1	5	KTF31-18=	
<i>Portulaca oleracea/intraterranea</i>	0.1	3		
<i>Ptilotus astrolasius</i>	0.1	10		
<i>Ptilotus calostachyus</i>	0.1	40		
<i>Ptilotus exaltatus</i>	0.1	10		
<i>Scaevola parvifolia</i> subsp. <i>pilbarae</i>	0.1	20	KTF32-15	
<i>Senna glutinosa</i> subsp. <i>glutinosa</i>	0.1	220		
<i>Senna glutinosa</i> subsp. <i>pruinosa</i>	0.1	170		
<i>Senna notabilis</i>	0.1	20		
<i>Seringia nephrosperma</i>	0.1	70	KTF18-03=	
<i>Sida echinocarpa</i>	0.1	30	KTF32-20	
<i>Sida</i> sp. L (A.M. Ashby 4202) PN	0.1	30	KTF32-05	
<i>Sida spinosa</i>	0.1	30	KTF31-10=	
<i>Solanum diversiflorum</i>	0.1	30		
<i>Solanum lasiophyllum</i>	0.1	50	KTF32-06	
<i>Sporobolus australasicus</i>	0.1	15		
<i>Themeda triandra</i>	0.1	50	KTF32-19	Formal ID by M. Hislop (WAH).
<i>Tribulus hirsutus</i>	0.1	2		
<i>Triodia epactia</i>	7	70	KTF20-01=	
<i>Triodia wiseana</i>	0.1	50	KTF32-10	
<i>Triumfetta chaetocarpa</i>	0.1	20	KTF31-07=	
<i>Triumfetta clementii</i>	0.1	40	KTF32-12	
<i>Vachellia farnesiana</i>	0.1	45		N=1.
<i>Yakirra australiensis</i> var. <i>australiensis</i>	0.1	15	KTF32-2,14	



Site KTF33  
 Described by BRMMG Date 23/4/2020  
 Type Quadrat 62.5 x 40 m  
 Central Coord 50 549575 mE, 7600854 mN  
 Habitat Broad shallow drainage line.  
 Soil Dusky red (10R 3/4) sandy clay loam.  
 Vegetation *Corymbia hamersleyana* low open woodland over *Acacia ancistrocarpa*, (*A. colei*) tall shrubland over *A. trachycarpa*, (*A. tenuissima*) open shrubland over *Chrysopogon fallax*, (*Themeda triandra*) very open tussock grassland.  
 Veg Condition Excellent.  
 Fire Age No sign of recent fire.  
 Notes A few open areas, which may have been burnt a few years ago.  
 U1 ^*Corymbia hamersleyana*\^tree\6\r;M1+ ^*Acacia ancistrocarpa*,*Acacia colei*\^shrub\4\r;M2 *Acacia trachycarpa*,*Acacia tenuissima*\shrub\3\r;G1 ^*Chrysopogon fallax*,*Themeda triandra*\^tussock grass\2\r.

Name	Cover (%)	Height (cm)	Specimen	Notes
<i>Abutilon otocarpum</i>	0.1	30		
<i>Abutilon</i> sp. Pilbara (W.R. Barker 2025) PN	0.1	5		
<i>Acacia ancistrocarpa</i>	20	210		
<i>Acacia colei</i>	1	250	Sterile.	
<i>Acacia maitlandii</i>	0.1	180		
<i>Acacia tenuissima</i>	1	120	KTF32-13=	
<i>Acacia trachycarpa</i>	2.5	140		
<i>Alysicarpus muelleri</i>	0.1	35		
<i>Aristida contorta</i>	0.1	5		
<i>Aristida holathera</i> var. <i>holathera</i>	0.1	45	KTF33-07	
<i>Aristida latifolia</i>	0.1	20	KTF33-09	
<i>Arivela viscosa</i>	0.1	40		
<i>Bonamia erecta</i>	0.1	30		
<i>Capparis spinosa</i> subsp. <i>nummularia</i>	0.1	20		
<i>Chrysopogon fallax</i>	7	110		
<i>Corchorus tectus</i>	0.1	30	KTF32-01=	
<i>Corchorus tridens</i>	0.1	10	KTF33-02	
<i>Corymbia hamersleyana</i>	6	600		
<i>Crotalaria medicaginea</i> var. <i>neglecta</i>	0.1	40		
<i>Cucumis picrocarpus</i>	0.1	10		
<i>Cucumis variabilis</i>	0.1	60		
<i>Cullen pogonocarpum</i>	0.1	25	KTF33-03	
<i>Cynodon convergens</i>	0.1	20	KTF33-14	
<i>Digitaria brownii</i>	0.1	30		
<i>Duperreya commixta</i>	0.1	280		
<i>Dysphania rhadinostachya</i> subsp. <i>inflata</i>	0.1	25	KTF33-05	
<i>Enneapogon caerulescens</i>	0.1	15		
<i>Enneapogon polyphyllus</i>	0.1	15		
<i>Eriachne pulchella</i>	0.1	20		
<i>Eulalia aurea</i>	0.1	30		
<i>Euphorbia biconvexa</i>	0.1	30	KTF32-04=	
<i>Euphorbia vaccaria</i> var. <i>vaccaria</i>	0.1	1	KTF32-17=	
<i>Evolvulus alsinoides</i> var. <i>decumbens</i>	0.1	25	KTF33-13	
<i>Evolvulus alsinoides</i> var. <i>villosicalyx</i>	0.1	30		
<i>Gomphrena affinis</i> subsp. <i>pilbarensis</i>	0.1	30	KTF33-12	
<i>Goodenia microptera</i>	0.1	15		
<i>Goodenia nuda</i>	0.1	40	KTF33-04	N=40.

Name	Cover (%)	Height (cm)	Specimen	Notes
<i>Hakea lorea</i> subsp. <i>lorea</i>	0.1	170	KTF33-16	
<i>Heliotropium pachyphyllum</i>	0.1	30	KTF32-08=	
<i>Hibiscus burtonii</i>	0.1	30		
<i>Hibiscus sturtii</i> var. <i>grandiflorus</i>	0.1	20	KTF30-08=	
<i>Indigofera monophylla</i>	0.1	40		
<i>Isotropis atropurpurea</i>	0.1	30	KTF20-04=	
<i>Perotis rara</i>	0.1	12		
<i>Polymeria ambigua</i>	0.1	5	KTF33-15	
<i>Portulaca oleracea</i> /intraterranea	0.1	5		
<i>Ptilotus aevroides</i>	0.1	6	KTF33-10	
<i>Ptilotus astrolasius</i>	0.1	10		
<i>Ptilotus calostachyus</i>	0.1	40		
<i>Ptilotus exaltatus</i>	0.1	20		
<i>Rhynchosia minima</i>	0.1	60		
<i>Senna artemisioides</i> subsp. <i>oligophylla</i>	0.1	15	KTF31-04=	
<i>Senna glutinosa</i> subsp. <i>glutinosa</i>	0.1	45		
<i>Senna notabilis</i>	0.1	20		
<i>Seringia nephrosperma</i>	0.1	90	KTF18-03=	
<i>Sida</i> sp. L (A.M. Ashby 4202) PN	0.1	20	KTF32-05=	
<i>Sida</i> sp. spiciform panicles (E. Leyland s.n. 14/8/90)	0.1	45		
<i>Sida spinosa</i>	0.1	25	KTF33-01	
<i>Solanum diversiflorum</i>	0.1	30		
<i>Sporobolus australasicus</i>	0.1	20		
<i>Streptoglossa bubakii</i>	0.1	15	KTF01-21=	
<i>Streptoglossa decurrens</i>	0.1	15	KTF33-08	
<i>Tephrosia</i> sp. Bungaroo Creek (M.E. Trudgen 11601)	0.1	12	KTF33-11	
<i>Themeda triandra</i>	0.5	90		
<i>Tribulus hirsutus</i>	0.1	15		
<i>Vincetoxicum lineare</i>	0.1	40		
<i>Yakirra australiensis</i> var. <i>australiensis</i>	0.1	20	KTF32-02=	



Site KTF34  
 Described by PL/AL Date 22/4/2020  
 Type Quadrat 50 x 50 m  
 Central Coord 50 545572 mE, 7602035 mN  
 Habitat Cracking clay plain.  
 Soil Dark reddish brown light clay; crab holes.  
 Rock Type Basalt, ironstone.  
 Vegetation \**Vachellia farnesiana* scattered tall shrubs over *Astrebala elymoides* very open tussock grassland over *Cynodon convergens*, (*Eragrostis tenellula*) very open bunch grassland with *Sida spinosa*, (*Grona muelleri*, *Hibiscus verdcourtii*, *Operculina aequisejala*, *Stemodia kingii*) very open herbland.  
 Veg Condition Very Good: cattle tracks, scats and grazing; a few \**Vachellia* present.  
 Fire Age No sign of recent fire.  
 Notes Herb rich. M1 ^*Vachellia farnesiana*\^shrub\4\bi;G1+ ^*Astrebala elymoides*\^tussock grass\2\r;G2 *Cynodon convergens*,*Eragrostis tenellula*,*Sida spinosa*,*Grona muelleri*,*Hibiscus verdcourtii*\other grass,forb\2\r.

Name	Cover (%)	Height (cm)	Specimen	Notes
<i>Abelmoschus ficulneus</i>	0.1	40	KTF34-06	N=40.
<i>Abutilon malvifolium</i>	0.1	30		
<i>Arivela viscosa</i>	0.1	40		
<i>Astrebala elymoides</i>	5	90	KTF34-01	N=120. Flowering culms strongly recurved.
<i>Austrobryonia pilbarensis</i>	0.1	40		
<i>Boerhavia paludosa</i>	0.1	40		
<i>Corchorus tridens</i>	0.1	30	KTF34-08	
<i>Cucumis picrocarpus</i>	0.1	30		
<i>Cynodon convergens</i>	6	40		
<i>Grona muelleri</i>	0.5	20	KTF34-07	
<i>Dolichocarpa</i> sp. Hamersley Station (A.A. Mitchell PRP 1479)	0.1	15		N=1.
<i>Dysphania rhadinostachya</i>	0.1	30		Sterile.
<i>Eragrostis tenellula</i>	1	30		
<i>Eragrostis xerophila</i>	0.1	30		
<i>Eriachne benthamii</i>	0.1	35		
<i>Eriachne flaccida</i>	0.1	35	KTF34-09	
<i>Euphorbia inappendiculata</i> var. <i>queenslandica</i>	0.1	15	KTF34-02	Formal ID by M. Hislop (WAH) KTF70-12=
<i>Euphorbia boophthona</i>	0.1	40		
<i>Gomphrena affinis</i> subsp. <i>pilbarensis</i>	0.1	50		
<i>Hibiscus verdcourtii</i>	0.5	40		
<i>Indigastrum parviflorum</i>	0.1	40	KTF34-03	
<i>Indigofera trita</i> subsp. <i>trita</i>	0.1	25		
<i>Ipomoea lonchophylla</i>	0.1	30		
<i>Iseilema membranaceum</i>	0.1	40	KTF34-05	
<i>Lotus cruentus</i>	0.1	20	KTF13-11=	
<i>Marsilea hirsuta</i>	0.1	10		
<i>Mimulus gracilis</i>	0.1	15	KTF13-06=	
<i>Neptunia dimorphantha</i>	0.1	40	KTF23-06=	
<i>Operculina aequisejala</i>	0.5	40		
<i>Phyllanthus maderaspatensis</i>	0.1	40		
<i>Portulaca oleracea/intraterranea</i>	0.1	25		Small flower.
<i>Ptilotus gomphrenoides</i>	0.1	15		



Name	Cover (%)	Height (cm)	Specimen	Notes
<i>Senna notabilis</i>	0.1	15		
<i>Sida</i> sp. L (A.M. Ashby 4202) PN	0.1	30		
<i>Sida spinosa</i>	1	35		
<i>Sporobolus australasicus</i>	0.1	30		
<i>Stemodia kingii</i>	0.5	40		
<i>Streptoglossa bubakii</i>	0.1	40		
<i>Striga squamigera</i>	0.1	20	KTF23-12=	
<i>Swainsona thompsoniana</i>	0.1	15	KTF34-04	N=20.
<i>Urochloa occidentalis</i> var. <i>occidentalis</i>	0.1	40		
<i>Vachellia farnesiana</i>	0.5	280		N=5.
<i>Vigna</i> sp. Hamersley Clay (A.A. Mitchell PRP 113)	0.1	20		



Site KTF35  
 Described by PL/AL Date 22/4/2020  
 Type Quadrat 50 x 50 m  
 Central Coord 50 545805 mE, 7601999 mN  
 Habitat Stony plain.  
 Soil Dark reddish brown sandy clay loam.  
 Rock Type Ironstone.  
 Vegetation *Corymbia hamersleyana* scattered low trees over *Acacia inaequilatera*, *A. ancistrocarpa* scattered tall shrubs over *Carissa lanceolata* scattered shrubs over *Triodia epactia*, (*T. wiseana*) open hummock grassland and *Eulalia aurea* scattered tussock grasses.  
 Veg Condition Excellent.  
 Fire Age No sign of recent fire.  
 Notes *Acacia xiphophylla* accidentally included in site; however no other clay taxa under the shrub.  
 U1 ^*Corymbia hamersleyana*\^tree\6\bi;M1 ^*Acacia inaequilatera*,^*Acacia ancistrocarpa*\^shrub\4\bi;M2 *Carissa lanceolata*\shrub\3\bi;G1+ ^*Triodia epactia*,*Triodia wiseana*\^hummock grass\1\bi;G2 *Eulalia aurea*\tussock grass\1\bi.

Name	Cover (%)	Height (cm)	Specimen	Notes
<i>Abutilon lepidum</i>	0.1	60	KTF35-05	Form 4.
<i>Abutilon lepidum</i>	0.1	25	KTF35-04	Form 1.
<i>Abutilon otocarpum</i>	0.1	40		
<i>Acacia ancistrocarpa</i>	1	350		
<i>Acacia coleii</i>	0.1	180		Sterile.
<i>Acacia inaequilatera</i>	1	400		
<i>Acacia victoriae</i> subsp. <i>victoriae</i>	0.5	120	KTF35-08	
<i>Acacia xiphophylla</i>	0.75	400		Generally not part of vegetation unit; unintentionally included in site.
<i>Aristida latifolia</i>	0.1	130	KTF35-11	
<i>Bonamia pilbarensis</i>	0.1	15	KTF35-02	
<i>Carissa lanceolata</i>	1	120		
<i>Chrysopogon fallax</i>	0.1	120		
<i>Corchorus tridens</i>	0.1	25	KTF35-13	
<i>Corymbia hamersleyana</i>	0.5	400		
<i>Grona muelleri</i>	0.1	25	KTF34-07=	
<i>Digitaria brownii</i>	0.1	40		
<i>Duperreya commixta</i>	0.1	100		
<i>Enneapogon caerulescens</i>	0.1	25		
<i>Eriachne aristidea</i>	0.1	35		
<i>Eulalia aurea</i>	0.5	70		
<i>Euphorbia biconvexa</i>	0.1	30	KTF35-01	
<i>Evolvulus alsinoides</i> var. <i>decumbens</i>	0.1	40		
<i>Evolvulus alsinoides</i> var. <i>villosicalyx</i>	0.1	30		
<i>Goodenia forrestii</i>	0.1	20		
<i>Goodenia microptera</i>	0.1	30		
<i>Goodenia muelleriana</i>	0.1	30	KTF35-10	
<i>Gossypium australe</i>	0.1	30		
<i>Hakea lorea</i> subsp. <i>lorea</i>	0.1	80		
<i>Hibiscus coatesii</i>	0.1	40		
<i>Indigofera linifolia</i>	0.1	25		

Name	Cover (%)	Height (cm)	Specimen	Notes
<i>Indigofera monophylla</i>	0.1	40		
<i>Ipomoea polymorpha</i>	0.1	10		
<i>Iseilema membranaceum</i>	0.1	8	KTF35-07	
<i>Paraneurachne muelleri</i>	0.1	40		
<i>Paspalidium clementii</i>	0.1	15		
<i>Paspalidium rarum</i>	0.1	30		
<i>Phyllanthus maderaspatensis</i>	0.1	40		
<i>Polygala glaucifolia</i>	0.1	5	KTF35-06	
<i>Ptilotus calostachyus</i>	0.1	60		
<i>Ptilotus exaltatus</i>	0.1	30		
<i>Rhynchosia minima</i>	0.1	40		
<i>Senna glutinosa</i> subsp. x <i>luerssenii</i>	0.1	120		
<i>Senna notabilis</i>	0.1	20		
<i>Sida</i> sp. spiciform panicles (E. Leyland s.n. 14/8/90)	0.1	30		Ferruginous form.
<i>Sida spinosa</i>	0.1	30		
<i>Solanum diversiflorum</i>	0.1	40		
<i>Solanum lasiophyllum</i>	0.1	50		
<i>Sporobolus australasicus</i>	0.1	25		
<i>Streptoglossa bubakii</i>	0.1	10		
<i>Striga curviflora</i>	0.1	35	KTF35-12	
<i>Tephrosia supina</i>	0.1	30	KTF35-03	
<i>Themeda triandra</i>	0.1	80		
<i>Trichodesma zeylanicum</i> var. <i>zeylanicum</i>	0.1	40		
<i>Triodia epactia</i>	24	60		
<i>Triodia wiseana</i>	4	70		
<i>Waltheria indica</i>	0.1	30		



Site KTF36  
 Described by PL/AL Date 22/4/2020  
 Type Quadrat 50 x 50 m  
 Central Coord 50 547367 mE, 7601751 mN  
 Habitat Floodplain adjacent to a major drainage line.  
 Soil Dark reddish brown (2.5YR 2.5/4) sandy loam.  
 Rock Type Ironstone.  
 Vegetation *Corymbia hamersleyana* scattered low trees over *Acacia ancistrocarpa*, *A. sclerosperma* subsp. *sclerosperma*) tall open shrubland over *Carissa lanceolata*, (*A. trachycarpa*) open shrubland over *Triodia epactia* very open hummock grassland and *Chrysopogon fallax*, \**Cenchrus ciliaris* scattered tussock grasses.  
 Veg Condition Very Good: cattle disturbance (tracks, scats and grazing); some weeds.  
 Fire Age No sign of recent fire.  
 Notes Near cattle yard and tank.  
 U1 ^*Corymbia hamersleyana*\^tree\6\bi;M1 ^*Acacia ancistrocarpa*,^*Acacia sclerosperma* subsp. *sclerosperma*\^shrub\4\r;M2 *Carissa lanceolata*,*Acacia trachycarpa*\shrub\3\r;G1 *Chrysopogon fallax*,*Cenchrus ciliaris*\tussock grass\2\bi;G2+ ^*Triodia epactia*\^hummock grass\1\r.

Name	Cover (%)	Height (cm)	Specimen	Notes
<i>Abutilon lepidum</i>	0.1	60		Form 4.
<i>Abutilon lepidum</i>	0.1	50		Form 1.
<i>Abutilon otocarpum</i>	0.1	40		
<i>Abutilon</i> sp. <i>dioicum</i> (A.A. Mitchell PRP 1618)	0.1	60		
<i>Abutilon</i> sp. Pilbara (W.R. Barker 2025) PN	0.1	40		
<i>Acacia ancistrocarpa</i>	2.5	250		
<i>Acacia sclerosperma</i> subsp. <i>sclerosperma</i>	1.5	220		
<i>Acacia trachycarpa</i>	0.5	160		
<i>Afrohybanthus aurantiacus</i>	0.1	30		
<i>Alternanthera nana</i>	0.1	25		
<i>Alysicarpus muelleri</i>	0.1	40		
<i>Aristida inaequiglumis</i>	0.1	80	KTF36-08	Formal ID by M. Hislop (WAH).
<i>Arivela viscosa</i>	0.5	60		
<i>Boerhavia burbidgeana</i>	0.1	35		
<i>Boerhavia coccinea</i>	0.1	40		
<i>Boerhavia repleta</i>	0.1	20		
<i>Bonamia erecta</i>	0.1	50		
<i>Carissa lanceolata</i>	2.5	190		
<i>Cenchrus ciliaris</i>	0.5	65		N=230.
<i>Cenchrus setiger</i>	0.1	60		N=40.
<i>Chrysopogon fallax</i>	0.5	80		
<i>Corchorus</i> sp.	0.1	40	KTF36-06	Inadequate material.
<i>Corchorus tridens</i>	0.1	20		
<i>Corymbia hamersleyana</i>	0.25	400		
<i>Crotalaria medicaginea</i> var. <i>neglecta</i>	0.1	40		
<i>Cucumis picrocarpus</i>	0.1	10		
<i>Cullen pogonocarpum</i>	0.1	20	KTF36-04	
<i>Cynodon convergens</i>	0.1	40		
<i>Dactyloctenium radulans</i>	0.1	10		

Name	Cover (%)	Height (cm)	Specimen	Notes
<i>Dysphania kalpari</i>	0.1	10		
<i>Dysphania rhadinostachya</i>	0.1	35		Sterile.
<i>Enneapogon polyphyllus</i>	0.1	25		
<i>Eragrostis xerophila</i>	0.1	30		
<i>Eremophila longifolia</i>	0.1	100		
<i>Eriachne aristidea</i>	0.1	30		
<i>Eriachne pulchella</i>	0.1	25		
<i>Euphorbia australis</i> var. <i>subtomentosa</i>	0.1	5	KTF36-02	
<i>Euphorbia biconvexa</i>	0.1	25	KTF36-01	
<i>Evolvulus alsinoides</i> var. <i>decumbens</i>	0.1	30		
<i>Evolvulus alsinoides</i> var. <i>villosicalyx</i>	0.1	25		
<i>Goodenia forrestii</i>	0.1	25		
<i>Goodenia microptera</i>	0.1	40		
<i>Goodenia nuda</i>	0.1	30		N=15.
<i>Gossypium australe</i>	0.1	50		
<i>Gossypium robinsonii</i>	0.1	10		
<i>Heliotropium inexplicitum</i>	0.1	8	KTF36-09	
<i>Heliotropium pachyphyllum</i>	0.1	25		
<i>Heliotropium tenuifolium</i>	0.1	30		
<i>Hibiscus sturtii</i> var. <i>grandiflorus</i>	0.1	40		
<i>Indigofera colutea</i>	0.1	20		
<i>Indigofera linnaei</i>	0.1	20		
<i>Indigofera monophylla</i>	0.1	60		
<i>Ipomoea muelleri</i>	0.1	30		
<i>Ipomoea polymorpha</i>	0.1	15		
<i>Iseilema membranaceum</i>	0.1	25	KTF36-03	
<i>Notoleptopus decaisnei</i>	0.1	30		
<i>Paspalidium clementii</i>	0.1	20		
<i>Paspalidium rarum</i>	0.1	25		
<i>Phyllanthus erwinii</i>	0.1	8		
<i>Portulaca oleracea</i> /intra-terrestrial	0.1	8		Small flower.
<i>Ptilotus exaltatus</i>	0.1	10		
<i>Rhynchosia minima</i>	0.1	30		
<i>Salsola australis</i>	0.1	25		
<i>Scaevola spinescens</i>	0.1	30		Broad leaf form.
<i>Sclerolaena cornishiana</i>	0.1	8		
<i>Senna artemisioides</i> subsp. <i>helmsii</i>	0.1	50		
<i>Senna artemisioides</i> subsp. <i>oligophylla</i> (thinly sericeous form MET 15,035)	0.1	80		
<i>Sida arsinata</i>	0.1	20		
<i>Sida fibulifera</i>	0.1	25		
<i>Sida</i> sp. L (A.M. Ashby 4202) PN	0.1	25		
<i>Solanum diversiflorum</i>	0.1	50		
<i>Sporobolus australasicus</i>	0.25	25		
<i>Streptoglossa bubakii</i>	0.1	15		
<i>Streptoglossa decurrens</i>	0.1	40		
<i>Streptoglossa decurrens</i>	0.1	30		
<i>Tribulopsis angustifolia</i>	0.1	20	AL09=	
<i>Tribulus hirsutus</i>	0.1	25		
<i>Tribulus macrocarpus</i>	0.1	25		
<i>Trichodesma zeylanicum</i> var. <i>zeylanicum</i>	0.1	20		
<i>Triodia epactia</i>	7	50		
<i>Triodia wiseana</i>	0.1	50		

Name	Cover (%)	Height (cm)	Specimen	Notes
<i>Triumfetta chaetocarpa</i>	0.1	15	KTF36-07	
<i>Triumfetta clementii</i>	0.1	25		
<i>Urochloa occidentalis</i> var. <i>occidentalis</i>	0.1	20		



Site KTF37  
 Described by PL/AL Date 23/4/2020  
 Type Quadrat 50 x 50 m  
 Central Coord 50 547581 mE, 7602308 mN  
 Habitat Major drainage; bed, bank and island.  
 Soil Dark reddish brown sandy loam in bed; sandy clay loam on banks.  
 Rock Type Calcrete, ironstone.  
 Vegetation *Eucalyptus camaldulensis* subsp. *refulgens* woodland over *Melaleuca glomerata* scattered tall shrubs over *Carissa lanceolata* scattered shrubs over *Eulalia aurea*, \**Cenchrus setiger*, (\**C. ciliaris*) very open tussock grassland with *Triodia epactia* scattered hummock grasses and mixed scattered sedges.  
 Veg Condition Very Good: cattle scats, tracks and grazing; some weeds.  
 Fire Age No sign of recent fire.  
 Notes Site not pegged; located in heritage exclusion zone.  
 U1+ ^*Eucalyptus camaldulensis* subsp. *refulgens* ^tree\7\i; M1 ^*Melaleuca glomerata* ^shrub\4\bi; M2 *Carissa lanceolata* \shrub\3\bi; G1 ^*Eulalia aurea*, ^*Cenchrus setiger*, *Cenchrus ciliaris* ^tussock grass\1\r; G2 *Triodia epactia* \hummock grass\1\bi.

Name	Cover (%)	Height (cm)	Specimen	Notes
<i>Striga</i> sp./ <i>Buchnera</i> sp.	0.1	25	KTF37-30a	Submitted to WAH for formal ID-unable to ascertain ID (sterile).
<i>Abutilon lepidum</i>	0.1	60		Form 4.
<i>Acacia arida</i>	0.1	140	KTF37-27	
<i>Acacia colei</i>	0.75	280		Sterile.
<i>Acacia pyrifolia</i> var. <i>pyrifolia</i>	0.5	210		
<i>Aeschynomene indica</i>	0.1	170		
<i>Aeschynomene indica</i>	0.1	50		
<i>Afrohybanthus aurantiacus</i>	0.1	40		
<i>Alternanthera angustifolia</i>	0.1	30	KTF37-07	
<i>Alternanthera denticulata</i>	0.1	25		
<i>Alternanthera nana</i>	0.1	25		
<i>Alysicarpus muelleri</i>	0.1	50		
<i>Amaranthus undulatus</i>	0.1	50		
<i>Ammannia multiflora</i>	0.1	10		
<i>Arivela viscosa</i>	0.1	50		
<i>Basilicum polystachyon</i>	0.1	25		
<i>Bergia pedicellaris</i>	0.1	8		
<i>Blumea tenella</i>	0.1	25		
<i>Boerhavia burbridgeana</i>	0.1	30		
<i>Boerhavia coccinea</i>	0.1	25		
<i>Bothriochloa ewartiana</i>	0.25	120	KTF37-21	Formal ID by M. Hislop (WAH).
<i>Bothriochloa ewartiana</i>	0.5	120	KTF37-02	
<i>Bulbostylis turbinata</i>	0.1	10		
<i>Carissa lanceolata</i>	2	160		
<i>Cenchrus ciliaris</i>	0.5	80		N=200.
<i>Cenchrus setiger</i>	3	90		N=800.
<i>Centipeda minima</i> subsp. <i>macrocephala</i>	0.1	10		
<i>Chara</i> sp.	0.1	8	KTF37-14	In water.
<i>Cheilanthes sieberi</i> subsp. <i>sieberi</i>	0.1	15		
<i>Chloris pumilio</i>	0.1	40	KTF37-03	N=10.
<i>Chrysopogon fallax</i>	0.1	110		

Name	Cover (%)	Height (cm)	Specimen	Notes
<i>Corchorus aestuans</i>	0.1	30	KTF37-15b	
<i>Corchorus tridens</i>	0.1	20		
<i>Crotalaria medicaginea</i> var. <i>neglecta</i>	0.1	30		
<i>Cucumis picrocarpus</i>	0.1	30	KTF37-28	
<i>Cucumis variabilis</i>	0.1	45		
<i>Cymbopogon ambiguus</i>	0.1	100	KTF37-24	
<i>Cynanchum floribundum</i>	0.1	25	KTF37-29	2 collectors.
<i>Cynodon convergens</i>	0.1	30	KTF37-22	
<i>Cynodon dactylon</i>	0.1	10		
<i>Cyperus difformis</i>	0.25	40	KTF37-11	
<i>Cyperus iria</i>	0.1	25		
<i>Cyperus ixiocarpus</i>	0.1	80		
<i>Cyperus squarrosus</i>	0.1	10		
<i>Dactyloctenium radulans</i>	0.1	15		
<i>Grona muelleri</i>	0.1	30	KTF37-06	Formal ID by M. Hislop (WAH).
<i>Dichanthium sericeum</i> subsp. <i>humilius</i>	0.1	25		
<i>Dichanthium sericeum</i> subsp. <i>polystachyum</i>	0.1	160	KTF37-16	
<i>Duperreya commixta</i>	0.1	30		
<i>Echinochloa colona</i>	0.1	40		N=1.
<i>Eleocharis atropurpurea</i>	0.25	10	KTF37-08	
<i>Elytrophorus spicatus</i>	0.25	25		
<i>Eragrostis cumingii</i>	0.1	30		
<i>Eragrostis tenellula</i>	0.5	40		
<i>Eriachne benthamii</i>	0.1	40		
<i>Eriachne pulchella</i>	0.1	20		
<i>Eriachne tenuiculmis</i>	0.1	40		
<i>Eucalyptus camaldulensis</i> subsp. <i>refulgens</i>	18	1400		
<i>Eulalia aurea</i>	5	80		
<i>Euphorbia australis</i> var. <i>subtomentosa</i>	0.1	5	KTF37-25	
<i>Euphorbia trigonosperma</i>	0.1	40	KTF37-04	Match to WAH ID.
<i>Evolvulus alsinoides</i> var. <i>decumbens</i>	0.1	25		
<i>Evolvulus alsinoides</i> var. <i>villosicalyx</i>	0.1	25		
<i>Fimbristylis littoralis</i>	0.25	25	KTF37-10	
<i>Flueggea virosa</i> subsp. <i>melanthesoides</i>	0.1	150		
<i>Glinus oppositifolius</i>	0.1	1	KTF37-17	
<i>Gomphrena affinis</i> subsp. <i>pilbarensis</i>	0.1	25		
<i>Gomphrena cunninghamii</i>	0.1	10		
<i>Goodenia forrestii</i>	0.1	25		
<i>Goodenia lamprosperma</i>	0.1	40		
<i>Gossypium robinsonii</i>	0.1	130		
<i>Haloragis</i> sp.	0.1	25	KTF37-40	Inadequate material.
<i>Heliotropium cunninghamii</i>	0.1	25		
<i>Heteropogon contortus</i>	0.1	120		
<i>Indigofera linifolia</i>	0.1	30		
<i>Indigofera linnaei</i>	0.1	10		



Name	Cover (%)	Height (cm)	Specimen	Notes
<i>Ipomoea coptica</i>	0.1	30		
<i>Ipomoea muelleri</i>	0.1	70	KTF37-18	
<i>Ipomoea polymorpha</i>	0.1	40		
<i>Iseilema membranaceum</i>	0.1	25	KTF37-05	
<i>Malvastrum americanum</i>	0.1	60		N=30.
<i>Marsilea hirsuta</i>	0.1	8	KTF37-12	
<i>Melaleuca glomerata</i>	1.5	320		
<i>Mimulus gracilis</i>	0.1	10		
<i>Notoleptopus decaisnei</i>	0.1	30		
<i>Panicum decompositum</i>	0.1	120	KTF37-19	
<i>Phyllanthus exilis</i>	0.1	30		
<i>Phyllanthus maderaspatensis</i>	0.1	40		
<i>Pluchea rubelliflora</i>	0.1	25		
<i>Portulaca pilosa</i> s. lat	0.1	15	KTF37-31	Formal ID by M. Hislop (WAH) KTF23-17=
<i>Portulaca oleracea/intraterranea</i>	0.1	15		Small flower.
<i>Pterocaulon sphacelatum</i>	0.1	50		
<i>Ptilotus axillaris</i>	0.1	10	KTF37-23	
<i>Ptilotus exaltatus</i>	0.1	40		
<i>Ptilotus obovatus</i> var. <i>obovatus</i>	0.1	70		
<i>Rhynchosia minima</i>	0.1	50		
<i>Rostellularia adscendens</i> var. <i>clementii</i>	0.1	25		
<i>Rotala diandra</i>	0.1	10	KTF37-13	
<i>Rotala mexicana</i>	0.1	30	KTF37-15a	
<i>Schoenoplectiella laevis</i>	0.25	30	KTF37-09	
<i>Scleromitron galioides</i>	0.1	25		
<i>Sesbania cannabina</i>	0.1	130		
<i>Sida fibulifera</i>	0.1	25		
<i>Sida</i> sp. spiciform panicles (E. Leyland s.n. 14/8/90)	0.1	30		Ferruginous form.
<i>Sida spinosa</i>	0.1	25		
<i>Solanum diversiflorum</i>	0.1	40		
<i>Sporobolus australasicus</i>	0.1	15		
<i>Stemodia grossa</i>	0.1	10		
<i>Streptoglossa bubakii</i>	0.1	30		
<i>Tephrosia rosea</i> var. <i>clementii</i>	0.1	40	KTF37-20	
<i>Tephrosia rosea</i> var. Fortescue creeks (M.I.H. Brooker 2186)	0.1	40		
<i>Themeda triandra</i>	0.1	130	KTF37-01	N=25. Formal ID by M. Hislop (WAH)
<i>Themeda triandra</i>	0.1	140		
<i>Tribulus macrocarpus</i>	0.1	25		
<i>Trichodesma zeylanicum</i> var. <i>zeylanicum</i>	0.1	25		
<i>Triodia epactia</i>	0.5	60		
<i>Triumfetta chaetocarpa</i>	0.1	10	KTF36-07=	
<i>Urochloa occidentalis</i> var. <i>ciliata</i>	0.1	40		
<i>Vachellia farnesiana</i>	0.1	170		N=15.
<i>Vigna lanceolata</i> var. <i>lanceolata</i>	0.1	40		
<i>Wahlenbergia tumidifruca</i>	0.1	30		
<i>Waltheria indica</i>	0.1	25		



Site KTF38  
 Described by PL/AL Date 23/4/2020  
 Type Quadrat 50 x 50 m  
 Central Coord 50 547708 mE, 7602377 mN  
 Habitat Floodplain; small floodbank dissecting N edge quadrat; similar veg and species present.  
 Soil Dark reddish brown sandy clay loam.  
 Vegetation *Corymbia hamersleyana*, (*Hakea lorea* subsp. *lorea*) low open woodland over *Acacia tumida* var. *pilbarensis*, *A. pyrifolia* var. *pyrifolia*, *A. ancistrocarpa*, \**Vachellia farnesiana*, (*A. trachycarpa*) tall shrubland over *Carissa lanceolata* open shrubland over \**Cenchrus setiger*, (\**C. ciliaris*) open tussock grassland and *Triodia epactia* very open hummock grassland.  
 Veg Condition Poor: high cover of \**Cenchrus* spp., \**Vachellia farnesiana* also present, cattle scats, tracks and grazing.  
 Fire Age No sign of recent fire.  
 Notes U1 ^*Corymbia hamersleyana*,*Hakea lorea* subsp. *lorea*^tree\6\r;M1+ ^*Acacia tumida* var. *pilbarensis*,^*Acacia pyrifolia* var. *pyrifolia*,*Acacia ancistrocarpa*,*Vachellia farnesiana*,*Acacia trachycarpa*^shrub\4\r;M2 *Carissa lanceolata*\shrub\3\r;G1 ^*Cenchrus setiger*,*Cenchrus ciliaris*^tussock grass\1\r;G2 *Triodia epactia*\hummock grass\1\r.

Name	Cover (%)	Height (cm)	Specimen	Notes
<i>Abutilon lepidum</i>	0.1	20		
<i>Abutilon otocarpum</i>	0.1	40		
<i>Abutilon</i> sp. Pilbara (W.R. Barker 2025) PN	0.1	40		
<i>Acacia ancistrocarpa</i>	2	270		
<i>Acacia ancistrocarpa</i> x <i>trachycarpa</i>	0.1	260	KTF38-09	
<i>Acacia colei</i>	0.25	350		Sterile.
<i>Acacia pyrifolia</i> var. <i>pyrifolia</i>	3	250		
<i>Acacia trachycarpa</i>	0.5	250		
<i>Acacia tumida</i> var. <i>pilbarensis</i>	3	350		
<i>Afrohybanthus aurantiacus</i>	0.1	35		
<i>Alysicarpus muelleri</i>	0.1	70		
<i>Arivela viscosa</i>	0.1	40		
<i>Boerhavia coccinea</i>	0.1	35		
<i>Boerhavia repleta</i>	0.1	35		
<i>Bonamia alatisemina</i>	0.1	15	KTF38-10	
<i>Bonamia erecta</i>	0.1	50		
<i>Capparis lasiantha</i>	0.1	40		
<i>Carissa lanceolata</i>	3	150		
<i>Cenchrus ciliaris</i>	5	70		N=1500.
<i>Cenchrus setiger</i>	15	90		N=3500.
<i>Chrysopogon fallax</i>	0.25	130		
<i>Corchorus</i> sp.	0.1	25	KTF38-01	Inadequate material.
<i>Corchorus tridens</i>	0.1	30		
<i>Corymbia hamersleyana</i>	2	400		
<i>Crotalaria medicaginea</i> var. <i>neglecta</i>	0.1	50		
<i>Dysphania rhadinostachya</i>	0.1	20		Sterile.
<i>Eremophila longifolia</i>	0.1	160		
<i>Eulalia aurea</i>	0.1	90		
<i>Euphorbia australis</i> var. <i>subtomentosa</i>	0.1	15	KTF38-04	
<i>Euphorbia trigonosperma</i>	0.1	35	KTF37-04=	
<i>Goodenia forrestii</i>	0.1	25		
<i>Gossypium australe</i>	0.1	60		
<i>Grevillea pyramidalis</i> subsp. <i>leucadendron</i>	0.1	280		

Name	Cover (%)	Height (cm)	Specimen	Notes
<i>Grevillea wickhamii</i> subsp. <i>hispidula</i>	0.1	190		
<i>Hakea lorea</i> subsp. <i>lorea</i>	1	350		
<i>Heliotropium cunninghamii</i>	0.1	30	KTF38-08	
<i>Indigofera monophylla</i>	0.1	60		
<i>Ipomoea muelleri</i>	0.1	30		
<i>Ipomoea polymorpha</i>	0.1	40		
<i>Maireana planifolia</i>	0.1	40		
<i>Polymeria ambigua</i>	0.1	10	KTF38-06	
<i>Portulaca oleracea</i> /intraterranea	0.1	25		Small flower.
<i>Ptilotus astrolasius</i>	0.1	60		
<i>Ptilotus auriculifolius</i>	0.1	40		
<i>Ptilotus exaltatus</i>	0.1	30		
<i>Rhynchosia minima</i>	0.1	50		
<i>Salsola australis</i>	0.1	30		
<i>Sclerolaena cornishiana</i>	0.1	40		
<i>Senna artemisioides</i> subsp. <i>oligophylla</i> (thinly sericeous form MET 15,035)	0.1	70		
<i>Senna notabilis</i>	0.1	20		
<i>Sida arsinia</i>	0.1	25		
<i>Sida clementii</i>	0.1	70	KTF38-07	
<i>Sida fibulifera</i>	0.1	25		
<i>Sida</i> sp.	0.1	10	KTF38-03	Poor material; juvenile.
<i>Sida</i> sp. L (A.M. Ashby 4202) PN	0.1	10		
<i>Solanum diversiflorum</i>	0.1	50		
<i>Solanum lasiophyllum</i>	0.1	50		
<i>Sporobolus australasicus</i>	0.1	25		
<i>Stylobasium spathulatum</i>	0.1	160		
<i>Tephrosia rosea</i> var. <i>Fortescue</i> creeks (M.I.H. Brooker 2186)	0.1	10	KTF38-05	
<i>Themeda triandra</i>	0.1	70		
<i>Tribulopsis angustifolia</i>	0.1	30		
<i>Tribulus hirsutus</i>	0.1	25		
<i>Tribulus macrocarpus</i>	0.1	30		
<i>Trichodesma zeylanicum</i> var. <i>zeylanicum</i>	0.1	10		
<i>Trigastrotheca molluginea</i>	0.1	10		
<i>Triodia epactia</i>	4	60		
<i>Triumfetta chaetocarpa</i>	0.1	30	KTF36-07=	
<i>Vachellia farnesiana</i>	2	250		N=15.



Site KTF39  
 Described by PL/SC Date 23/5/2020  
 Type Quadrat 50 x 50 m  
 Central Coord 50 572971 mE, 7548243 mN  
 Habitat Hill slope; west of low mesa.  
 Soil Dark reddish brown silty clay loam.  
 Rock Type Ironstone.  
 Vegetation *Eucalyptus leucophloia* subsp. *leucophloia* scattered low trees over *Acacia trudgeniana* scattered tall shrubs over *Triodia wiseana* hummock grassland.  
 Veg Condition Excellent.  
 Fire Age No sign of recent fire.  
 Notes U1 ^*Eucalyptus leucophloia* subsp. *leucophloia* ^tree\6\bi;M1 ^*Acacia trudgeniana* ^shrub\4\bi;G1+ ^*Triodia wiseana* ^hummock grass\1\c.

Name	Cover (%)	Height (cm)	Specimen	Notes
<i>Acacia elachantha</i>	0.1	30		
<i>Acacia trudgeniana</i>	0.25	300		
<i>Crotalaria medicaginea</i> var. <i>neglecta</i>	0.1	10		
<i>Cullen leucochaites</i>	0.1	25		
<i>Dolichocarpa crouchiana</i>	0.1	10		
<i>Dysphania rhadinostachya</i>	0.1	8		Sterile.
<i>Enneapogon caerulescens</i>	0.1	10		
<i>Enneapogon polyphyllus</i>	0.1	30		
<i>Eriachne pulchella</i>	0.1	10		
<i>Eucalyptus leucophloia</i> subsp. <i>leucophloia</i>	0.5	600		
<i>Euphorbia trigonosperma</i>	0.1	25		
<i>Gomphrena cunninghamii</i>	0.1	20		
<i>Indigofera monophylla</i>	0.1	40		
<i>Mnesithea formosa</i>	0.1	30		
<i>Paspalidium clementii</i>	0.1	20		
<i>Polycarpaea holtzei</i>	0.1	8		
<i>Polycarpaea longiflora</i>	0.1	25		
<i>Ptilotus calostachyus</i>	0.1	30		
<i>Ptilotus exaltatus</i>	0.1	25		
<i>Schizachyrium fragile</i>	0.1	30		
<i>Themeda</i> sp. Mt Barricade (M.E. Trudgen 2471)	0.1	70		
<i>Trichodesma zeylanicum</i> var. <i>zeylanicum</i>	0.1	25		
<i>Triodia wiseana</i>	34	40		



Site KTF40  
 Described by PL/AL Date 24/4/2020  
 Type Quadrat 50 x 50 m  
 Central Coord 50 554487 mE, 7594648 mN  
 Habitat Gently sloping plain, sloping west.  
 Soil Dark reddish-brown loam.  
 Rock Type Ironstone.  
 Vegetation *Corymbia hamersleyana* scattered low trees over *Acacia ancistrocarpa*, (*A. atkinsiana*, *Grevillea wickhamii* subsp. *hispidula*) tall open shrubland over *A. trachycarpa* scattered shrubs over *Triodia epactia*, (*T. wiseana*) very open hummock grassland.  
 Veg Condition Excellent.  
 Fire Age No sign of recent fire.  
 Notes U1 ^*Corymbia hamersleyana*\^tree\6\bi;M1+ ^*Acacia ancistrocarpa*,*Acacia atkinsiana*,*Grevillea wickhamii* subsp. *hispidula*\^shrub\4\r;M2 *Acacia trachycarpa*\shrub\3\bi;G1 ^*Triodia epactia*,*Triodia wiseana*\^hummock grass\1\r.

Name	Cover (%)	Height (cm)	Specimen	Notes
<i>Acacia ancistrocarpa</i>	4	280		
<i>Acacia atkinsiana</i>	2	240		
<i>Acacia maitlandii</i>	0.1	170		
<i>Acacia tenuissima</i>	0.1	140		
<i>Acacia trachycarpa</i>	1	140		
<i>Aristida holathera</i> var. <i>holathera</i>	0.1	25		
<i>Bonamia pilbarensis</i>	0.1	10	KTF40-01	
<i>Corchorus</i> sp.	0.1	20	KTF40-02	Inadequate material.
<i>Corymbia hamersleyana</i>	1.5	600		
<i>Duperreya commixta</i>	0.1	50		
<i>Eriachne aristidea</i>	0.1	20		
<i>Eriachne pulchella</i>	0.1	15		
<i>Goodenia microptera</i>	0.1	10		
<i>Grevillea wickhamii</i> subsp. <i>hispidula</i>	0.5	220		
<i>Hakea chordophylla</i>	0.1	160		
<i>Heliotropium pachyphyllum</i>	0.1	10		
<i>Indigofera monophylla</i>	0.1	40		
<i>Ptilotus calostachyus</i>	0.1	80		
<i>Ptilotus fusiformis</i>	0.1	10		
<i>Senna notabilis</i>	0.1	20		
<i>Sida arenicola</i>	0.1	30		
<i>Solanum diversiflorum</i>	0.1	5		
<i>Triodia epactia</i>	4	60		
<i>Triodia wiseana</i>	2	60		



Site KTF41  
 Described by PL/AL Date 24/4/2020  
 Type Quadrat 50 x 50 m  
 Central Coord 50 556111 mE, 7593504 mN  
 Habitat Gently sloping plain, sloping SW.  
 Soil Dark reddish-brown loam.  
 Rock Type Ironstone.  
 Vegetation *Corymbia hamersleyana*, *Acacia pruinocarpa* low open woodland over *A. ancistrocarpa*, (*A. maitlandii*, *A. trudgeniana*, *Grevillea wickhamii* subsp. *hispidula*) tall open shrubland over *Triodia epactia* open hummock grassland.  
 Veg Condition Excellent.  
 Fire Age No sign of recent fire.  
 Notes U1 ^*Corymbia hamersleyana*, ^*Acacia pruinocarpa* \^tree\6\r; M1 ^*Acacia ancistrocarpa*, *Acacia maitlandii*, *Acacia trudgeniana*, *Grevillea wickhamii* subsp. *hispidula* \^shrub\4\r; G1+ ^*Triodia epactia* \^hummock grass\1\i.

Name	Cover (%)	Height (cm)	Specimen
<i>Acacia ancistrocarpa</i>	2	320	
<i>Acacia bivenosa</i>	0.1	160	
<i>Acacia maitlandii</i>	1	250	
<i>Acacia pruinocarpa</i>	1	400	
<i>Acacia tenuissima</i>	0.25	120	
<i>Acacia trudgeniana</i>	0.5	260	
<i>Aristida inaequiglumis</i>	0.1	90	KTF41-03
<i>Codonocarpus cotinifolius</i>	0.1	40	
<i>Corchorus tectus</i>	0.1	40	KTF41-01
<i>Corymbia hamersleyana</i>	2	700	
<i>Cucumis variabilis</i>	0.1	25	
<i>Dodonaea coriacea</i>	0.1	50	
<i>Eriachne mucronata</i>	0.1	40	
<i>Eriachne pulchella</i>	0.1	15	
<i>Eulalia aurea</i>	0.1	70	
<i>Euphorbia australis</i> var. <i>hispidula</i>	0.1	10	KTF41-05
<i>Euphorbia australis</i> var. <i>hispidula</i>	0.1	25	KTF41-06
<i>Goodenia forrestii</i>	0.1	40	
<i>Goodenia microptera</i>	0.1	20	
<i>Goodenia stobbsiana</i>	0.1	60	
<i>Grevillea wickhamii</i> subsp. <i>hispidula</i>	0.5	260	
<i>Hakea chordophylla</i>	0.1	120	
<i>Hibiscus burtonii</i>	0.1	50	
<i>Hibiscus leptocladus</i>	0.1	2	KTF41-07
<i>Indigofera monophylla</i>	0.1	40	
<i>Ptilotus calostachyus</i>	0.1	70	
<i>Ptilotus exaltatus</i>	0.1	10	
<i>Ptilotus fusiformis</i>	0.1	25	KTF41-02
<i>Senna notabilis</i>	0.1	10	
<i>Sida</i> sp. Pilbara (A.A. Mitchell PRP 1543)	0.1	60	
<i>Sporobolus australasicus</i>	0.1	15	
<i>Tribulus hirsutus</i>	0.1	15	
<i>Trichodesma zeylanicum</i> var. <i>zeylanicum</i>	0.1	8	
<i>Trigastrotheca molluginea</i>	0.1	10	
<i>Triodia epactia</i>	12	60	
<i>Triumfetta chaetocarpa</i>	0.1	40	KTF41-04





Site KTF42  
 Described by RM/SY Date 24/4/2020  
 Type Quadrat 50 x 50 m  
 Central Coord 50 555642 mE, 7593993 mN  
 Habitat Bank and floodplain of broad drainage line.  
 Soil Dark reddish brown silty clay to light clay.  
 Vegetation *Acacia citrinoviridis*, (*A. pruinocarpa*) low open woodland over *A. atkinsiana* tall open shrubland over *Triodia wiseana*, (*T. epactia*) very open hummock grassland.  
 Veg Condition Very Good: small amount of cattle scats.  
 Fire Age Very long unburnt.  
 Notes U1+ ^*Acacia citrinoviridis*,*Acacia pruinocarpa*\ ^tree\6\r;M1 ^*Acacia atkinsiana*\ ^shrub\4\r;G1 ^*Triodia wiseana*,*Triodia epactia*\ ^hummock grass\1\r.

Name	Cover (%)	Height (cm)	Specimen	Notes
<i>Abutilon lepidum</i>	0.1	20		
<i>Acacia ancistrocarpa</i>	0.1	180		
<i>Acacia atkinsiana</i>	4	300	KTF27-07=	
<i>Acacia citrinoviridis</i>	3	450	KTF28-01=	
<i>Acacia pruinocarpa</i>	1.5	300		
<i>Acacia pyrifolia</i> var. <i>pyrifolia</i>	0.1	110		
<i>Afrohybanthus aurantiacus</i>	0.1	40		
<i>Arivela viscosa</i>	0.1	30		
<i>Boerhavia burbridgeana</i>	0.1	50		
<i>Cenchrus ciliaris</i>	0.1	30		N=50.
<i>Cucumis variabilis</i>	0.1	120		
<i>Duperreya commixta</i>	0.1	70		
<i>Dysphania kalpari</i>	0.1	10	KTF42-01	
<i>Eriachne pulchella</i>	0.1	15		
<i>Eulalia aurea</i>	0.1	60	KTF28-14=	
<i>Euphorbia biconvexa</i>	0.1	40	KTF28-03=	
<i>Evolvulus alsinoides</i> var. <i>villosicalyx</i>	0.1	15		
<i>Goodenia microptera</i>	0.1	5		
<i>Goodenia muelleriana</i>	0.1	30	KTF28-15=	
<i>Goodenia nuda</i>	0.1	40	KTF42-04	
<i>Hibiscus burtonii</i>	0.1	20	KTF28-13=	
<i>Indigofera monophylla</i>	0.1	30		
<i>Maireana planifolia</i> x <i>villosa</i>	0.1	30	KTF42-03	
<i>Paraneurachne muelleri</i>	0.1	30		
<i>Portulaca oleracea</i> /intra-terrestrial	0.1	5		
<i>Ptilotus aervoides</i>	0.1	5		
<i>Ptilotus exaltatus</i>	0.1	30		
<i>Rhynchosia minima</i>	0.1	20		
<i>Senna glutinosa</i> subsp. <i>glutinosa</i>	0.1	150		
<i>Senna glutinosa</i> subsp. <i>pruinosa</i>	0.1	30		
<i>Senna glutinosa</i> subsp. x <i>luerssenii</i>	0.1	170		
<i>Senna glutinosa</i> subsp. x <i>luerssenii</i>	0.1	170		
<i>Senna notabilis</i>	0.1	30		
<i>Sida fibulifera</i>	0.1	10		
<i>Sida fibulifera</i>	0.1	20	KTF15-13=	'sens. lat.'
<i>Sida spinosa</i>	0.1	20	KTF15-03=	
<i>Solanum diversiflorum</i>	0.1	20		
<i>Sporobolus australasicus</i>	0.1	20		
<i>Trianthema glossostigmum</i>	0.1	5	KTF42-02	
<i>Triodia epactia</i>	2	40		
<i>Triodia wiseana</i>	5	40		



Site KTF43  
 Described by RM/SY Date 25/4/2020  
 Type Quadrat 50 x 50 m  
 Central Coord 50 560946 mE, 7587008 mN  
 Habitat Plain.  
 Soil Dark reddish brown silty clay loam.  
 Rock Type Ironstone.  
 Vegetation *Acacia pruinocarpa* scattered low trees over *A. dictyophleba*, (*A. ancistrocarpa*) tall open shrubland over *Triodia epactia* hummock grassland.  
 Veg Condition Excellent.  
 Fire Age No sign of recent fire.  
 Notes U1 ^*Acacia pruinocarpa* ^tree\6\bi;M1 ^*Acacia dictyophleba*,*Acacia ancistrocarpa* ^shrub\4\r;G1+ ^*Triodia epactia* ^hummock grass\1\c.

Name	Cover (%)	Height (cm)	Specimen	Notes
<i>Abutilon lepidum</i>	0.1	5		
<i>Acacia ancistrocarpa</i>	1	280		
<i>Acacia dictyophleba</i>	2.5	350	KTF43-01	
<i>Acacia pruinocarpa</i>	1	300		
<i>Acacia tenuissima</i>	0.1	90		
<i>Acacia trachycarpa</i>	0.1	50		
<i>Eriachne aristidea</i>	0.1	10		
<i>Goodenia microptera</i>	0.1	5		
<i>Grevillea wickhamii</i>	0.1	5	Sterile.	
<i>Hakea chordophylla</i>	0.1	110		
<i>Hibiscus sturtii</i> var. <i>campylochlamys</i>	0.1	30	KTF43-05	
<i>Indigofera monophylla</i>	0.1	10		
<i>Maireana planifolia</i>	0.1	50	KTF43-02	
<i>Ptilotus calostachyus</i>	0.1	50		
<i>Ptilotus</i> sp.	0.1	5	KTF43-04	Inadequate material; juvenile.
<i>Senna notabilis</i>	0.1	20		
<i>Trianthema glossostigmum</i>	0.1	5		
<i>Triodia epactia</i>	18	40	KTF43-03	



Site KTF44  
 Described by RM/SY Date 25/4/2020  
 Type Quadrat 50 x 50 m  
 Central Coord 50 562179 mE, 7585256 mN  
 Habitat Plain, sloping toward drainage to S.  
 Soil Dark reddish brown silty clay loam.  
 Vegetation *Acacia atkinsiana* open shrubland over *Triodia epactia* open hummock grassland.  
 Veg Condition Excellent.  
 Fire Age No sign of recent fire.  
 Notes *Corymbia hamersleyana* scattered low trees present outside quadrat.  
 M1 ^*Acacia atkinsiana*\^shrub\3\r;G1+ ^*Triodia epactia*\^hummock grass\1\i.

Name	Cover (%)	Height (cm)	Specimen	Notes
<i>Abutilon lepidum</i>	0.1	5		
<i>Acacia ancistrocarpa</i>	0.1	90		
<i>Acacia atkinsiana</i>	3	180		
<i>Amphipogon sericeus</i>	0.1	50	KTF44-01	
<i>Codonocarpus cotinifolius</i>	0.1	70		
<i>Cymbopogon obtectus</i>	0.1	90		
<i>Eucalyptus leucophloia</i> subsp. <i>leucophloia</i>	0.1	180		Juvenile.
<i>Goodenia microptera</i>	0.1	5		
<i>Goodenia stobbsiana</i>	0.1	60		
<i>Hakea chordophylla</i>	0.1	110		
<i>Ptilotus calostachyus</i>	0.1	50		
<i>Ptilotus</i> sp.	0.1	5	KTF43-04=	Inadequate material; juvenile.
<i>Senna notabilis</i>	0.1	20		
<i>Triodia epactia</i>	12	40		
<i>Triodia wiseana</i>	0.1	50		



Site KTF45  
 Described by RM/SY Date 25/4/2020  
 Type Quadrat 50 x 50 m  
 Central Coord 50 563994 mE, 7576895 mN  
 Habitat Light clay plain.  
 Soil Dark reddish brown silty clay loam to light clay.  
 Vegetation *Acacia citrinoviridis*, (*Corymbia hamersleyana*) scattered low trees over *A. ancistrocarpa* scattered tall shrubs over *A. dictyophleba* scattered shrubs over *Triodia epactia* open hummock grassland and \**Cenchrus ciliaris* scattered tussock grasses.  
 Veg Condition Very Good: cattle scats; scattered weeds.  
 Fire Age No sign of recent fire.  
 Notes U1 ^*Acacia citrinoviridis*,*Corymbia hamersleyana*^\^tree\6\bi;M1 ^*Acacia ancistrocarpa*^\^shrub\4\bi;M2 *Acacia dictyophleba*\shrub\3\bi;G1+ ^*Triodia epactia*^\^hummock grass\1\i;G2 *Cenchrus ciliaris*\tussock grass\1\bi.

Name	Cover (%)	Height (cm)	Specimen	Notes
<i>Abutilon lepidum</i>	0.1	10		
<i>Acacia ancistrocarpa</i>	1	280		
<i>Acacia citrinoviridis</i>	1	400	KTF45-01	
<i>Acacia dictyophleba</i>	0.5	150	KTF43-01=	
<i>Acacia inaequilatera</i>	0.1	230		
<i>Alysicarpus muelleri</i>	0.1	15		
<i>Alysicarpus muelleri</i>	0.1	40	KTF45-09	
<i>Aristida contorta</i>	0.1	25		
<i>Arivela viscosa</i>	0.1	50		
<i>Boerhavia burbridgeana</i>	0.1	70		
<i>Bulbostylis barbata</i>	0.1	15	KTF45-03	
<i>Bulbostylis barbata</i>	0.1	8		
<i>Cenchrus ciliaris</i>	1	30		N=100.
<i>Chrysopogon fallax</i>	0.1	100		
<i>Corchorus sidoides</i> subsp. <i>sidoides</i>	0.1	20	KTF45-24	
<i>Corchorus tridens</i>	0.1	20		
<i>Corymbia hamersleyana</i>	0.5	450		
<i>Cucumis variabilis</i>	0.1	90		
<i>Cullen leucochaites</i>	0.1	10	KTF45-21	
<i>Cullen pogonocarpum</i>	0.1	20	KTF45-05	
<i>Cynodon convergens</i>	0.1	30		
<i>Cynodon convergens</i>	0.1	30		
<i>Digitaria ctenantha</i>	0.1	30	KTF45-22	
<i>Dysphania kalpari</i>	0.1	5	KTF28-21=	
<i>Enneapogon caerulescens</i>	0.1	15		
<i>Enneapogon polyphyllus</i>	0.1	20	KTF45-15	
<i>Eragrostis cumingii</i>	0.1	15	REL10-06=	
<i>Eremophila longifolia</i>	0.1	60	KTF45-23	
<i>Eriachne aristidea</i>	0.1	20		
<i>Eriachne pulchella</i>	0.1	7		
<i>Eulalia aurea</i>	0.1	70		
<i>Euphorbia biconvexa</i>	0.1	40	KTF45-04	
<i>Euphorbia boophthona</i>	0.1	20	KTF28-02=	
<i>Euphorbia vaccaria</i> var. <i>vaccaria</i>	0.1	7	KTF45-20	
<i>Evolvulus alsinoides</i>	0.1	15		Sterile.
<i>Flaveria trinervia</i>	0.1	30		N=2.
<i>Gomphrena affinis</i> subsp. <i>pilbarensis</i>	0.1	15	KTF45-16	

Name	Cover (%)	Height (cm)	Specimen	Notes
<i>Goodenia forrestii</i>	0.1	40	KTF45-06	
<i>Goodenia microptera</i>	0.1	20		
<i>Goodenia nuda</i>	0.1	40	KTF45-17	
<i>Gossypium australe</i>	0.1	100		
<i>Indigofera colutea</i>	0.1	20	KTF45-02	
<i>Iseilema membranaceum</i>	0.1	10	KTF28-17=	
<i>Isotropis atropurpurea</i>	0.1	20	KTF29-05=	
<i>Paspalidium rarum</i>	0.1	30	KTF45-18	
<i>Perotis rara</i>	0.1	10		
<i>Portulaca oleracea</i> /intraterranea	0.1	15		
<i>Ptilotus exaltatus</i>	0.1	8		
<i>Ptilotus fusiformis</i>	0.1	30	KTF29-25=	
<i>Rhynchosia minima</i>	0.1	30		
<i>Sclerolaena cornishiana</i>	0.1	30	KTF45-19	
<i>Senna artemisioides</i> subsp. <i>oligophylla</i> x subsp. <i>helmsii</i>	0.1	10	KTF45-13	Closer to straight subsp. <i>helmsii</i> , but not quite right.
<i>Senna notabilis</i>	0.1	20		
<i>Sida arsiniata</i>	0.1	50	KTF45-12	
<i>Sida fibulifera</i>	0.1	15		
<i>Sida</i> sp.	0.1	10	KTF45-25	Poor material; juvenile.
<i>Solanum lasiophyllum</i>	0.1	50		
<i>Sonchus oleraceus</i>	0.1	20		N=10.
<i>Sporobolus australasicus</i>	0.1	20		
<i>Trianthema pilosum</i>	0.1	15	KTF45-07	
<i>Tribulus astrocarpus</i>	0.1	10		
<i>Tribulus macrocarpus</i>	0.1	20		
<i>Trichodesma zeylanicum</i> var. <i>zeylanicum</i>	0.1	20		
<i>Triodia epactia</i>	22	30		
<i>Yakirra australiensis</i> var. <i>australiensis</i>	0.1	10	KTF45-14	



Site KTF46  
 Described by BRMMG Date 24/4/2020  
 Type Quadrat 72 x 35 m  
 Central Coord 50 551094 mE, 7599169 mN  
 Habitat Very shallow, broad flowline and flood banks.  
 Soil Dusky red (10R 3/4) sandy loam.  
 Vegetation *Corymbia hamersleyana* low woodland over *Acacia tumida* var. *pilbarensis*, (*Grevillea wickhamii* subsp. *hispidula*, *A. atkinsiana*) tall shrubland over *Indigofera monophylla* scattered low shrubs over *Triodia epactia* open hummock grassland over *Themeda triandra*, (*Eulalia aurea*) very open tussock grassland.  
 Veg Condition Excellent.  
 Fire Age No sign of recent fire.  
 Notes U1 ^*Corymbia hamersleyana*\^tree\6\i;M1+ ^*Acacia tumida* var. *pilbarensis*,*Grevillea wickhamii* subsp. *hispidula*,*Acacia atkinsiana*\^shrub\4\i;M2 *Indigofera monophylla*\shrub\1\bi;G1 *Themeda triandra*,*Eulalia aurea*\tussock grass\2\r;G2 ^*Triodia epactia*\^hummock grass\1\i.

Name	Cover (%)	Height (cm)	Specimen	Notes
<i>Acacia atkinsiana</i>	1	240		
<i>Acacia maitlandii</i>	0.1	110		
<i>Acacia tenuissima</i>	0.1	45	KTF32-13=	
<i>Acacia trachycarpa</i>	0.1	70		
<i>Acacia tumida</i> var. <i>pilbarensis</i>	15	450		A lot of the <i>A. tumida</i> has died off.
<i>Afrohybanthus aurantiacus</i>	0.1	30		
<i>Aristida contorta</i>	0.1	30		
<i>Aristida holathera</i> var. <i>holathera</i>	1	30		
<i>Aristida inaequiglumis</i>	0.1	110	KTF46-02	
<i>Arivela viscosa</i>	0.1	50		
<i>Bonamia erecta</i>	0.1	20		
<i>Bonamia pannosa</i>	0.1	5	KTF46-06	
<i>Corchorus tectus</i>	0.1	30	KTF32-01=	
<i>Corymbia hamersleyana</i>	12	800		
<i>Cucumis variabilis</i>	0.1	45		
<i>Cynodon convergens</i>	0.1	30	KTF33-14=	
<i>Dampiera candidans</i>	0.1	45		
<i>Digitaria brownii</i>	0.1	40	KTF46-15	
<i>Duperreya commixta</i>	0.1	70		
<i>Enneapogon polyphyllus</i>	0.1	25	KTF46-07	
<i>Eragrostis cumingii</i>	0.1	20	KTF46-13	
<i>Eriachne aristidea</i>	0.1	30		
<i>Eriachne mucronata</i>	0.1	40	KTF46-10	Typical form. Erect hairs under sheaths.
<i>Eriachne pulchella</i>	0.1	15		
<i>Eulalia aurea</i>	0.5	70		
<i>Euphorbia australis</i> var. <i>subtomentosa</i>	0.1	3	KTF46-11	
<i>Euphorbia biconvexa</i>	0.1	30	KTF46-04	
<i>Evolvulus alsinoides</i> var. <i>decumbens</i>	0.1	30	KTF33-13=	
<i>Evolvulus alsinoides</i> var. <i>villosicalyx</i>	0.1	20		
<i>Gomphrena cunninghamii</i>	0.1	20		
<i>Goodenia microptera</i>	0.1	30		
<i>Grevillea wickhamii</i> subsp. <i>hispidula</i>	1	500	KTF46-09	

Name	Cover (%)	Height (cm)	Specimen	Notes
<i>Haloragis</i> sp.	0.1	15	KTF46-14	Inadequate material.
<i>Hibiscus sturtii</i> var. <i>campylochlamys</i>	0.1	30	KTF46-03,8	
<i>Indigofera monophylla</i>	1	70		
<i>Isotropis atropurpurea</i>	0.1	40		
<i>Paraneurachne muelleri</i>	0.1	40		
<i>Polymeria ambigua</i>	0.1	15	KTF33-15=	
<i>Ptilotus calostachyus</i>	0.1	50		
<i>Ptilotus exaltatus</i>	0.1	5		
<i>Ptilotus fusiformis</i>	0.1	40		
<i>Rhynchosia minima</i>	0.1	20		
<i>Senna notabilis</i>	0.1	3		
<i>Seringia nephrosperma</i>	0.1	70	KTF18-03=	
<i>Sida</i> sp. L (A.M. Ashby 4202) PN	0.1	20	KTF46-16	
<i>Solanum diversiflorum</i>	0.1	3		
<i>Sporobolus australasicus</i>	0.1	30		
<i>Streptoglossa bubakii</i>	0.1	8	KTF01-21=	
<i>Tephrosia</i> sp. Bungaroo Creek (M.E. Trudgen 11601)	0.1	15	KTF46-05	
<i>Themeda triandra</i>	4	80		
<i>Trichodesma zeylanicum</i> var. <i>zeylanicum</i>	0.1	30		
<i>Triodia epactia</i>	12	60	KTF46-01	
<i>Triumfetta chaetocarpa</i>	0.1	15	KTF46-12	
<i>Waltheria indica</i>	0.1	3		





Site KTF47  
 Described by BRMMG Date 24/4/2020  
 Type Quadrat 50 x 50 m  
 Central Coord 50 552403 mE, 7596057 mN  
 Habitat Floodplain.  
 Soil Dark reddish brown sandy clay loam.  
 Rock Type Quartz.  
 Vegetation *Corymbia hamersleyana* low woodland over *Acacia atkinsiana*, (*A. trachycarpa*, *Grevillea wickhamii* subsp. *hispidula*) tall open shrubland over *Indigofera monophylla* scattered low shrubs over *Triodia epactia* open hummock grassland and *Themeda triandra* scattered tussock grasses.  
 Veg Condition Excellent.  
 Fire Age Very long unburnt.  
 Notes Many *A. tumida* seedlings and many tall dead fallen adults.  
 U1+ ^*Corymbia hamersleyana*\^tree\6\i;M1 ^*Acacia atkinsiana*,*Acacia trachycarpa*,*Grevillea wickhamii* subsp. *hispidula*\^shrub\4\i;M2 *Indigofera monophylla*\shrub\1\bi;G1 ^*Triodia epactia*\^hummock grass\1\i;G2 *Themeda triandra*\tussock grass\2\bi.

Name	Cover (%)	Height (cm)	Specimen	Notes
<i>Acacia adoxa</i> var. <i>adoxo</i>	0.1	45	KTF47-01b	
<i>Acacia ancistrocarpa</i>	0.1	240		
<i>Acacia atkinsiana</i>	5	210	KTF47-02	
<i>Acacia trachycarpa</i>	1.5	230		
<i>Acacia tumida</i> var. <i>pilbarensis</i>	0.1	110		
<i>Alysicarpus muelleri</i>	0.1	30		
<i>Aristida holathera</i> var. <i>holathera</i>	0.1	30		
<i>Bonamia erecta</i>	0.1	45		
<i>Codonocarpus cotinifolius</i>	0.1	30	KTF47-09	
<i>Corchorus tectus</i>	0.1	1	KTF32-01=	
<i>Corymbia hamersleyana</i>	12	700		
<i>Cucumis variabilis</i>	0.1	40		
<i>Cullen leucochaites</i>	0.1	3	KTF47-06	
<i>Cullen pogonocarpum</i>	0.1	5	KTF33-03=	
<i>Dolichocarpa crouchiana</i>	0.1	15	KTF47-04	
<i>Duperreya commixta</i>	0.1	40		
<i>Eriachne aristidea</i>	0.1	20		
<i>Eulalia aurea</i>	0.1	60		
<i>Euphorbia biconvexa</i>	0.1	40	KTF46-04=	
<i>Evolvulus alsinoides</i> var. <i>villosicalyx</i>	0.1	30		
<i>Goodenia connata</i>	0.1	10	KTF47-08	
<i>Goodenia microptera</i>	0.1	30		
<i>Goodenia muelleriana</i>	0.1	30	KTF01-06=	
<i>Gossypium australe</i>	0.1	45	KTF19-26=	
<i>Grevillea wickhamii</i> subsp. <i>hispidula</i>	0.1	280		
<i>Haloragis</i> sp.	0.1	20	KTF47-05	Inadequate material.
<i>Heliotropium pachyphyllum</i>	0.1	3	KTF47-03	
<i>Hibiscus sturtii</i> var. <i>grandiflorus</i>	0.1	30	KTF30-08=	
<i>Indigofera monophylla</i>	0.5	40		
<i>Isotropis atropurpurea</i>	0.1	40	KTF20-04=	
<i>Paraneurachne muelleri</i>	0.1	60		
<i>Perotis rara</i>	0.1	12		
<i>Portulaca oleracea</i> /intraterranea	0.1	2		
<i>Ptilotus calostachyus</i>	0.1	35		
<i>Ptilotus exaltatus</i>	0.1	5		
<i>Rhynchosia minima</i>	0.1	40		

Name	Cover (%)	Height (cm)	Specimen	Notes
<i>Senna glutinosa</i> subsp. <i>glutinosa</i>	0.1	170		
<i>Senna notabilis</i>	0.1	10		
<i>Sida echinocarpa</i>	0.1	45	KTF32-20=	
<i>Sida</i> sp. L (A.M. Ashby 4202) PN	0.1	6	KTF46-16=	
<i>Sida</i> sp. spiciform panicles (E. Leyland s.n. 14/8/90)	0.1	70		
<i>Solanum diversiflorum</i>	0.1	5		
<i>Sporobolus australasicus</i>	0.1	15		
<i>Streptoglossa bubakii</i>	0.1	5		
<i>Themeda triandra</i>	1	80		
<i>Trachymene oleracea</i> subsp. <i>oleracea</i>	0.1	20		
<i>Trichodesma zeylanicum</i> var. <i>zeylanicum</i>	0.1	25		
<i>Triodia epactia</i>	14	50	KTF46-01=	
<i>Triodia wiseana</i>	0.1	40		
<i>Urochloa occidentalis</i> var. <i>occidentalis</i>	0.1	30	KTF47-10	
<i>Waltheria indica</i>	0.1	10	KTF47-07	



Site KTF48  
 Described by BRMMG Date 24/4/2020  
 Type Quadrat 50 x 50 m  
 Central Coord 50 552639 mE, 7595891 mN  
 Habitat Very gently sloping plain, W-facing.  
 Soil Weak red (10R 4/4) sandy clay loam.  
 Vegetation *Corymbia hamersleyana* scattered low trees over *Triodia wiseana* open hummock grassland.  
 Veg Condition Excellent.  
 Fire Age No sign of recent fire.  
 Notes U1 ^*Corymbia hamersleyana* \^tree\6\bi;G1+ ^*Triodia wiseana* \^hummock grass\1\i.

Name	Cover (%)	Height (cm)	Specimen
<i>Acacia ancistrocarpa</i>	0.1	280	
<i>Acacia atkinsiana</i>	0.1	90	
<i>Corchorus tectus</i>	0.1	2	KTF32-01=
<i>Corymbia hamersleyana</i>	0.5	400	
<i>Hakea lorea</i> subsp. <i>lorea</i>	0.1	140	KTF48-02
<i>Hibiscus coatesii</i>	0.1	2	KTF48-03
<i>Ptilotus calostachyus</i>	0.1	10	KTF48-04
<i>Senna notabilis</i>	0.1	15	
<i>Triodia wiseana</i>	20	40	KTF48-01



Site KTF49  
 Described by BRMMG Date 24/4/2020  
 Type Quadrat 50 x 50 m  
 Central Coord 50 557032 mE, 7592611 mN  
 Habitat Plain.  
 Soil Dark reddish brown sandy clay loam.  
 Rock Type Ironstone.  
 Vegetation *Corymbia hamersleyana* low open woodland over *Acacia atkinsiana*, (*A. ancistrocarpa*) tall shrubland over *A. trachycarpa* open shrubland over *Indigofera monophylla* scattered low shrubs over *Triodia epactia* hummock grassland.  
 Veg Condition Excellent.  
 Fire Age No sign of recent fire.  
 Notes Large open patches with very little vegetation in surrounds.  
 U1 ^*Corymbia hamersleyana*\^tree\6\r;M1 ^*Acacia atkinsiana*,*Acacia ancistrocarpa*\^shrub\4\i;M2 *Acacia trachycarpa*\shrub\3\r;M3 *Indigofera monophylla*\shrub\1\bi;G1+ ^*Triodia epactia*\^hummock grass\1\c.

Name	Cover (%)	Height (cm)	Specimen	Notes
<i>Abutilon</i> sp. Pilbara (W.R. Barker 2025) PN	0.1	40		
<i>Acacia ancistrocarpa</i>	4	280		
<i>Acacia atkinsiana</i>	12	380		
<i>Acacia maitlandii</i>	0.1	210		
<i>Acacia trachycarpa</i>	3	170		
<i>Alternanthera nana</i>	0.1	30	KTF49-08	
<i>Aristida inaequiglumis</i>	0.1	80	KTF49-01	Formal ID by M. Hislop (WAH)
<i>Bonamia erecta</i>	0.1	45		
<i>Cassytha capillaris</i>	0.1	60		
<i>Corchorus tectus</i>	0.1	30	KTF32-01=	
<i>Corymbia hamersleyana</i>	2.5	550		
<i>Cucumis picrocarpus</i>	0.1	10	KTF49-04	
<i>Cucumis variabilis</i>	0.1	30		
<i>Cullen leucochaites</i>	0.1	5	KTF47-06=	
<i>Dodonaea coriacea</i>	0.1	40		
<i>Duperreya commixta</i>	0.1	30		
<i>Enneapogon polyphyllus</i>	0.1	35		
<i>Eulalia aurea</i>	0.1	60		
<i>Euphorbia biconvexa</i>	0.1	30	KTF49-03	
<i>Euphorbia boophthona</i>	0.1	20	KTF49-05	
<i>Evolvulus alsinoides</i> var. <i>villosicalyx</i>	0.1	20		
<i>Goodenia microptera</i>	0.1	5		
<i>Hakea lorea</i> subsp. <i>lorea</i>	0.1	350	KTF33-16=	
<i>Hibiscus burtonii</i>	0.1	40		
<i>Indigofera monophylla</i>	0.5	30		
<i>Maireana planifolia</i> x <i>villosa</i>	0.1	45	KTF49-02	
<i>Paspalidium clementii</i>	0.1	20	KTF49-06	
<i>Phyllanthus erwinii</i>	0.1	10		
<i>Polygala glaucifolia</i>	0.1	8	KTF31-18=	
<i>Ptilotus calostachyus</i>	0.1	70		
<i>Ptilotus exaltatus</i>	0.1	15		
<i>Ptilotus fusiformis</i>	0.1	40		
<i>Rhynchosia minima</i>	0.1	20		
<i>Senna glutinosa</i> subsp.	0.1	150		

Name	Cover (%)	Height (cm)	Specimen	Notes
<i>glutinosa</i>				
<i>Senna glutinosa</i> subsp. x <i>luerssenii</i>	0.1	140		
<i>Senna notabilis</i>	0.1	20		
<i>Sida</i> sp.	0.1	40	KTF49-10	Poor material.
<i>Sida</i> sp. L (A.M. Ashby 4202) PN	0.1	20	KTF49-07	
<i>Solanum diversiflorum</i>	0.1	20		
<i>Sporobolus australasicus</i>	0.1	15		
<i>Streptoglossa bubakii</i>	0.1	5	KTF01-21=	
<i>Tribulus macrocarpus</i>	0.1	10	KTF49-09	
<i>Trichodesma zeylanicum</i> var. <i>zeylanicum</i>	0.1	15		
<i>Triodia epactia</i>	35	80	KTF46-01=	
<i>Triumfetta chaetocarpa</i>	0.1	40	KTF49-11	
<i>Vincetoxicum lineare</i>	0.1	40		



Site KTF50  
 Described by BRMMG Date 25/4/2020  
 Type Quadrat 50 x 50 m  
 Central Coord 50 563851 mE, 7581891 mN  
 Habitat Plain  
 Soil Dark reddish brown (2.5YR 2.5/4) light clay.  
 Vegetation *Acacia aneura*/*aptaneura*, (*A. pruinocarpa*, *Corymbia hamersleyana*) low woodland over *A. bivenosa* scattered shrubs over *Abutilon lepidum* scattered low shrubs over \**Bidens bipinnata*, (*Arivela viscosa*, *Cullen pogonocarpum*) very open herbland with *Perotis rara*, (*Sporobolus australasicus*) very open bunch grassland.  
 Veg Condition Very Good: some weeds (particularly \**Bidens*).  
 Fire Age No sign of recent fire.  
 Notes U1+ ^*Acacia aneura*/*aptaneura*,*Acacia pruinocarpa*,*Corymbia hamersleyana*^tree\6\i;M1 ^*Acacia bivenosa*\shrub\3\bi;M2 *Abutilon lepidum*\shrub\1\bi;G1 *Bidens bipinnata*,*Arivela viscosa*,*Cullen pogonocarpum*\forb\1\r;G2 ^*Perotis rara*,*Sporobolus australasicus*\other grass\1\r.

Name	Cover (%)	Height (cm)	Specimen	Notes
<i>Abutilon lepidum</i>	1	60	KTF50-05	
<i>Abutilon macrum</i>	0.1	20	KTF50-36	
<i>Abutilon otocarpum</i>	0.1	15		
<i>Acacia aneura</i> / <i>aptaneura</i>	15	600	KTF50-02	Sterile.
<i>Acacia bivenosa</i>	0.5	190		
<i>Acacia pruinocarpa</i>	3	900		
<i>Alternanthera angustifolia</i>	0.1	30	KTF50-42	
<i>Alysicarpus muelleri</i>	0.1	30		
<i>Amaranthus induratus</i>	0.1	40	KTF50-21	
<i>Arivela viscosa</i>	1	60		
<i>Bidens bipinnata</i>	4	30	KTF50-01	N=3000.
<i>Blumea tenella</i>	0.1	20	KTF50-28	
<i>Boerhavia repleta</i>	0.1	20	KTF50-17	
<i>Bulbostylis barbata</i>	0.1	15		
<i>Bulbostylis turbinata</i>	0.1	10	KTF50-20	
<i>Calandrinia</i> sp.	0.1	5	KTF01-09=	Sterile.
<i>Calotis multicaulis</i>	0.1	15	KTF50-29	
<i>Cenchrus ciliaris</i>	0.1	30	N=10.	
<i>Chrysopogon fallax</i>	0.1	110		
<i>Convolvulus clementii</i>	0.1	15	KTF50-12	
<i>Corchorus</i> sp.	0.1	20	KTF50-19	Inadequate material.
<i>Corchorus tridens</i>	0.1	20	KTF50-27	
<i>Corymbia hamersleyana</i>	1	600		
<i>Crotalaria medicaginea</i> var. <i>neglecta</i>	0.1	20		
<i>Cucumis melo</i>	0.1	30	KTF50-25	
<i>Cucumis variabilis</i>	0.1	30		
<i>Cullen pogonocarpum</i>	1	30	KTF50-04	
<i>Dactyloctenium radulans</i>	0.1	20		
<i>Dichanthium sericeum</i> subsp. <i>humilius</i>	0.1	30		
<i>Duperreya commixta</i>	0.1	40		
<i>Dysphania kalpari</i>	0.1	20	KTF50-13	
<i>Dysphania rhadinostachya</i> subsp. <i>inflata</i>	0.1	30	KTF50-10	
<i>Enneapogon caerulescens</i>	0.1	20		

Name	Cover (%)	Height (cm)	Specimen	Notes
<i>Enneapogon polyphyllus</i>	0.1	30	KTF46-07=	
<i>Eragrostis cumingii</i>	0.1	30		
<i>Eragrostis leptocarpa</i>	0.1	30	KTF50-22	
<i>Eremophila lanceolata</i>	0.1	60	KTF50-34	
<i>Euphorbia biconvexa</i>	0.1	30	KTF50-14	
<i>Euphorbia boophthona</i>	0.1	30	KTF50-03	
<i>Evolvulus alsinoides</i> var. <i>villosicalyx</i>	0.1	25		
<i>Fimbristylis dichotoma</i>	0.1	30	KTF50-16	
<i>Gomphrena affinis</i> subsp. <i>pilbarensis</i>	0.1	30	KTF50-24	
<i>Gomphrena cunninghamii</i>	0.1	12		
<i>Goodenia microptera</i>	0.1	30		
<i>Goodenia muelleriana</i>	0.1	5		
<i>Goodenia prostrata</i>	0.1	5	KTF50-09	
<i>Hakea lorea</i> subsp. <i>lorea</i>	0.1	170	KTF48-02=	
<i>Haloragis</i> sp.	0.1	15	KTF50-39	Inadequate material.
<i>Indigofera monophylla</i>	0.1	20		
<i>Ipomoea muelleri</i>	0.1	100	KTF50-23	
<i>Iseilema membranaceum</i>	0.1	25	KTF50-06	
<i>Malvastrum americanum</i>	0.1	15		N=2.
<i>Nicotiana simulans</i> (type 2)	0.1	50	KTF50-38	Formal ID by M. Hislop (WAH) REL04-15=.
<i>Notoleptopus decaisnei</i>	0.1	10		
<i>Paspalidium clementii</i>	0.1	10	KTF50-33	
<i>Paspalidium rarum</i>	0.1	20	KTF50-07	
<i>Perotis rara</i>	3	15		
<i>Phyllanthus erwinii</i>	0.1	15	KTF50-08	
<i>Pluchea dunlopilii</i>	0.1	20	KTF50-35	
<i>Portulaca oleracea</i> /intraterranea	0.1	12		
<i>Pterocaulon sphacelatum</i>	0.1	15	KTF50-44	
<i>Ptilotus aevroides</i>	0.1	20	KTF50-26	
<i>Ptilotus exaltatus</i>	0.1	5		
<i>Ptilotus fusiformis</i>	0.1	30		
<i>Ptilotus gaudichaudii</i>	0.1	30		
<i>Ptilotus gomphrenoides</i>	0.1	20	KTF50-40	
<i>Ptilotus obovatus</i> var. <i>obovatus</i>	0.1	20	KTF50-41	
<i>Ptilotus xerophilus</i>	0.1	60	KTF01-32=	
<i>Rhynchosia minima</i>	0.1	20		
<i>Rostellularia adscendens</i> var. <i>clementii</i>	0.1	12	KTF03-42=	
<i>Senna artemisioides</i> subsp. <i>oligophylla</i> x subsp. <i>helmsii</i>	0.1	100	KTF50-31	Closer to straight subsp. <i>helmsii</i> , but not quite right.
<i>Senna notabilis</i>	0.1	20		
<i>Setaria verticillata</i>	0.1	30	KTF50-11	
<i>Sida arsiniata</i>	0.1	20		
<i>Sida</i> sp. L (A.M. Ashby 4202) PN	0.1	20	KTF50-15	
<i>Sida spinosa</i>	0.1	30	KTF33-01=	
<i>Solanum diversiflorum</i>	0.1	20		
<i>Sporobolus australasicus</i>	1	30		
<i>Streptoglossa bubakii</i>	0.1	40	KTF01-21=	
<i>Tephrosia rosea</i> s. lat	0.1	20	KTF50-32	4 pairs. Formal ID by M. Hislop (WAH).

Name	Cover (%)	Height (cm)	Specimen	Notes
<i>Trachymene oleracea</i> subsp. <i>oleracea</i>	0.1	15		
<i>Trianthes pilosum</i>	0.1	20	KTF50-30	
<i>Tribulus astrocarpus</i>	0.1	20		
<i>Tribulus macrocarpus</i>	0.1	60	KTF50-43	
<i>Trichodesma zeylanicum</i> var. <i>zeylanicum</i>	0.1	40		
<i>Urochloa occidentalis</i> var. <i>occidentalis</i>	0.1	15	KTF50-18	
<i>Vincetoxicum lineare</i>	0.1	170		





Site KTF51  
 Described by BRMMG Date 25/4/2020  
 Type Quadrat 50 x 50 m  
 Central Coord 50 564079 mE, 7580594 mN  
 Habitat Plain.  
 Soil Dark reddish brown sandy clay loam.  
 Rock Type Ironstone gravel and pebbles.  
 Vegetation *Acacia pruinocarpa* scattered low trees over *A. ancistrocarpa* scattered tall shrubs over *A. dictyophleba* scattered shrubs over *Triodia epactia* hummock grassland with *Sporobolus australasicus* scattered annual grasses.  
 Veg Condition Good: occasional weeds; old track through quadrat.  
 Fire Age No sign of recent fire.  
 Notes Western edge of quadrat appears to have very old remnants of track; not the best quadrat location due to some disturbance.  
 U1 ^*Acacia pruinocarpa* ^tree\6\bi; M1 ^*Acacia ancistrocarpa* ^shrub\4\bi; M2 *Acacia dictyophleba* \shrub\3\bi; G1+ ^*Triodia epactia* ^hummock grass\1\c; G2 *Sporobolus australasicus* \other grass\1\bi.

Name	Cover (%)	Height (cm)	Specimen	Notes
<i>Abutilon lepidum</i>	0.1	40	KTF51-13	
<i>Abutilon otocarpum</i>	0.1	12		
<i>Abutilon</i> sp. Pilbara (W.R. Barker 2025) PN	0.1	30	KTF51-14	
<i>Acacia ancistrocarpa</i>	1	300		
<i>Acacia citrinoviridis</i>	0.1	320		
<i>Acacia dictyophleba</i>	0.5	120	KTF51-07	
<i>Acacia pruinocarpa</i>	1.5	380		
<i>Alysicarpus muelleri</i>	0.1	60	KTF51-17	
<i>Arivela viscosa</i>	0.1	40		
<i>Boerhavia repleta</i>	0.1	30	KTF51-09	
<i>Bulbostylis barbata</i>	0.1	15		
<i>Cenchrus ciliaris</i>	0.1	30		N=20.
<i>Crotalaria medicaginea</i> var. <i>neglecta</i>	0.1	30		
<i>Cucumis variabilis</i>	0.1	20		
<i>Cullen pogonocarpum</i>	0.1	30	KTF50-04=	
<i>Dichanthium sericeum</i> subsp. <i>humilius</i>	0.1	40		
<i>Dysphania kalpari</i>	0.1	25	KTF51-01	
<i>Enneapogon polyphyllus</i>	0.1	30		
<i>Eragrostis cumingii</i>	0.1	20		
<i>Eriachne pulchella</i>	0.1	10		
<i>Euphorbia biconvexa</i>	0.1	20	KTF50-14=	
<i>Euphorbia boophthona</i>	0.1	20	KTF51-15	
<i>Euphorbia vaccaria</i> var. <i>vaccaria</i>	0.1	5	KTF51-10	
<i>Gomphrena affinis</i> subsp. <i>pilbarensis</i>	0.1	30	KTF51-04	
<i>Gomphrena cunninghamii</i>	0.1	10		
<i>Goodenia microptera</i>	0.1	40		
<i>Goodenia prostrata</i>	0.1	5	KTF50-09=	
<i>Gossypium australe</i>	0.1	80		
<i>Hibiscus sturtii</i> var. <i>grandiflorus</i>	0.1	12	KTF51-12	
<i>Ipomoea muelleri</i>	0.1	20	KTF51-02	
<i>Iseilema macratherum</i>	0.1	20	KTF51-11	
<i>Iseilema membranaceum</i>	0.1	12	KTF51-05	
<i>Paspalidium rarum</i>	0.1	20	KTF50-07=	

Name	Cover (%)	Height (cm)	Specimen	Notes
<i>Portulaca oleracea/intraterranea</i>	0.1	15		
<i>Ptilotus exaltatus</i>	0.1	15		
<i>Ptilotus fusiformis</i>	0.1	30	KTF51-18	
<i>Rhynchosia minima</i>	0.1	20		
<i>Senna artemisioides</i> subsp. <i>oligophylla</i> (thinly sericeous form MET 15,035)	0.1	160	KTF51-16	
<i>Senna artemisioides</i> subsp. <i>oligophylla</i> x subsp. <i>helmsii</i>	0.1	170	KTF51-08	Closer to straight subsp. <i>helmsii</i> , but not quite right.
<i>Senna notabilis</i>	0.1	45		
<i>Sida arsinata</i>	0.1	35	KTF51-06	
<i>Sida fibulifera</i>	0.1	20	KTF50-15	
<i>Sporobolus australasicus</i>	0.5	25		
<i>Streptoglossa bubakii</i>	0.1	20	KTF01-21=	
<i>Striga squamigera</i>	0.1	10	KTF51-03	
<i>Tribulus astrocarpus</i>	0.1	5		
<i>Tribulus macrocarpus</i>	0.1	20		
<i>Trichodesma zeylanicum</i> var. <i>zeylanicum</i>	0.1	10		
<i>Triodia epactia</i>	35	70		



Site KTF52  
 Described by BRMMG Date 25/4/2020  
 Type Quadrat 50 x 50 m  
 Central Coord 50 564106 mE, 7578957 mN  
 Habitat Plain.  
 Soil Dark reddish brown sandy clay loam.  
 Vegetation *Acacia pruinocarpa*, *A. citrinoviridis*, *A. aneura*/*aptaneura* low open woodland over *Triodia epactia* open hummock grassland over *Sporobolus australasicus* very open bunch grassland and *Arivela viscosa* very open herbland.  
 Veg Condition Very Good: adjacent to old overgrown track; cattle pads present; very occasional weeds.  
 Fire Age No sign of recent fire.  
 Notes U1+ ^*Acacia pruinocarpa*, ^*Acacia citrinoviridis*, *Acacia aneura*/*aptaneura* \^tree\6\r; G1 ^*Triodia epactia* \^hummock grass\1\r; G2 *Sporobolus australasicus*, *Arivela viscosa* \other grass, forb\1\r.

Name	Cover (%)	Height (cm)	Specimen	Notes
<i>Abutilon lepidum</i>	0.1	50	KTF51-13=	
<i>Acacia ancistrocarpa</i>	0.1	260		
<i>Acacia aneura</i> / <i>aptaneura</i>	3	400	KTF50-02=	Sterile.
<i>Acacia citrinoviridis</i>	3	400		
<i>Acacia pruinocarpa</i>	3.5	500		
<i>Acacia pyrifolia</i> var. <i>pyrifolia</i>	0.1	140		
<i>Acacia tetragonophylla</i>	0.1	180		
<i>Alternanthera nana</i>	0.1	30	KTF52-09	
<i>Alysicarpus muelleri</i>	0.1	30	KTF51-17=	
<i>Amaranthus induratus</i>	0.1	30	KTF52-20	
<i>Anthobolus leptomerioides</i>	0.1	50		
<i>Arivela viscosa</i>	2.5	40		
<i>Bidens bipinnata</i>	0.1	30	KTF50-01=	
<i>Blumea tenella</i>	0.1	20	KTF52-08	
<i>Boerhavia coccinea</i>	0.1	20	KTF52-10	
<i>Boerhavia repleta</i>	0.1	20	KTF52-19	
<i>Bulbostylis barbata</i>	0.1	12		
<i>Bulbostylis turbinata</i>	0.1	20	KTF50-20=	
<i>Calandrinia</i> sp.	0.1	6	KTF52-17	Sterile.
<i>Cenchrus ciliaris</i>	0.1	30		N=20.
<i>Cheilanthes sieberi</i> subsp. <i>sieberi</i>	0.1	20	KTF52-22	
<i>Chloris pectinata</i>	0.1	40	KTF52-21	
<i>Chrysopogon fallax</i>	0.1	110		
<i>Convolvulus clementii</i>	0.1	30	KTF52-18	
<i>Corchorus</i> sp.	0.1	15	KTF50-19=	Inadequate material.
<i>Crotalaria medicaginea</i> var. <i>neglecta</i>	0.1	30		
<i>Cucumis melo</i>	0.1	30	KTF50-25=	
<i>Cucumis variabilis</i>	0.1	60		
<i>Cullen leucochaites</i>	0.1	10	KTF47-06=	
<i>Cullen pogonocarpum</i>	0.1	25	KTF50-04=	
<i>Cynodon convergens</i>	0.1	25	KTF52-06	
<i>Dactyloctenium radulans</i>	0.1	20		
<i>Dichanthium sericeum</i> subsp. <i>humilius</i>	0.1	30		
<i>Digitaria ctenantha</i>	0.1	40	KTF52-11	
<i>Duperreya commixta</i>	0.1	60		

Name	Cover (%)	Height (cm)	Specimen	Notes
<i>Dysphania kalpari</i>	0.1	15	KTF50-13=	
<i>Dysphania rhadinostachya</i> subsp. <i>inflata</i>	0.1	35	KTF52-13	
<i>Enneapogon caerulescens</i>	0.1	25		
<i>Enneapogon polyphyllus</i>	0.1	35		
<i>Eragrostis cumingii</i>	0.1	20	KTF52-04	
<i>Eriachne aristidea</i>	0.1	20		
<i>Eriachne pulchella</i>	0.1	20		
<i>Euphorbia biconvexa</i>	0.1	30	KTF52-02	
<i>Euphorbia boophthona</i>	0.1	30	KTF52-01	
<i>Evolvulus alsinoides</i> var. <i>villosicalyx</i>	0.1	20		
<i>Glycine canescens</i>	0.1	90	KTF52-12	
<i>Gomphrena affinis</i> subsp. <i>pilbarensis</i>	0.1	30	KTF51-04=	
<i>Gomphrena cunninghamii</i>	0.1	10		
<i>Goodenia forrestii</i>	0.1	40	KTF31-15=	
<i>Goodenia microptera</i>	0.1	20		
<i>Gossypium australe</i>	0.1	40		Burrup Peninsula form.
<i>Hakea lorea</i> subsp. <i>lorea</i>	0.1	280		
<i>Heliotropium inexplicitum</i>	0.1	10	KTF52-15	
<i>Hibiscus sturtii</i> var. <i>platychlamys</i>	0.1	25	KTF52-23	
<i>Ipomoea muelleri</i>	0.1	15	KTF51-02=	
<i>Iseilema macratherum</i>	0.1	20	KTF51-11=	
<i>Jasminum didymum</i> subsp. <i>lineare</i>	0.1	130		
<i>Josephinia</i> sp. Woodstock (A.A. Mitchell PRP 989)	0.1	30	KTF52-16	Formal ID by M. Hislop (WAH).
<i>Maireana planifolia</i>	0.1	40		
<i>Malvastrum americanum</i>	0.1	20		N=20.
<i>Nicotiana simulans</i> (type 2)	0.1	50	KTF50-38=	Formal ID by M. Hislop (WAH) REL04-15=.
<i>Notoleptopus decaisnei</i>	0.1	15		
<i>Paspalidium clementii</i>	0.1	10	KTF52-07	
<i>Paspalidium rarum</i>	0.1	20	KTF50-07=	
<i>Pentalepis trichodesmoides</i> subsp. <i>trichodesmoides</i>	0.1	45	KTF52-05	
<i>Perotis rara</i>	0.1	20		
<i>Phyllanthus erwinii</i>	0.1	25		
<i>Portulaca oleracea</i> /intraterranea	0.1	10		
<i>Pterocaulon sphacelatum</i>	0.1	2	KTF50-44=	
<i>Ptilotus aevoides</i>	0.1	4	KTF50-26=	
<i>Ptilotus calostachyus</i>	0.1	10		
<i>Ptilotus exaltatus</i>	0.1	20		
<i>Rhynchosia minima</i>	0.1	30		
<i>Salsola australis</i>	0.1	20		
<i>Senna artemisioides</i> subsp. <i>oligophylla</i> x subsp. <i>helmsii</i>	0.1	20	KTF51-08=	Closer to straight subsp. <i>helmsii</i> , but not quite right.
<i>Senna notabilis</i>	0.1	30		
<i>Sida arsinata</i>	0.1	20	KTF51-06=	
<i>Sida echinocarpa</i>	0.1	15	KTF52-14	
<i>Sida</i> sp. L (A.M. Ashby 4202) PN	0.1	20	KTF50-15=	
<i>Solanum diversiflorum</i>	0.1	30		
<i>Solanum lasiophyllum</i>	0.1	12	KTF32-06=	
<i>Sporobolus australasicus</i>	5	20		

Name	Cover (%)	Height (cm)	Specimen	Notes
<i>Streptoglossa bubakii</i>	0.1	20	KTF01-21=	
<i>Streptoglossa liatroides</i>	0.1	20	KTF52-03	
<i>Striga squamigera</i>	0.1	20	KTF51-03=	
<i>Trianthera pilosum</i>	0.1	20	KTF50-30	
<i>Tribulus astrocarpus</i>	0.1	10		
<i>Tribulus hirsutus</i>	0.1	15		
<i>Tribulus macrocarpus</i>	0.1	10		
<i>Trichodesma zeylanicum</i> var. <i>zeylanicum</i>	0.1	50		
<i>Triodia epactia</i>	12	50		
<i>Urochloa occidentalis</i> var. <i>occidentalis</i>	0.1	20	KTF50-18=	



Site KTF53  
 Described by BRMMG Date 20/4/2020  
 Type Quadrat 50 x 50 m  
 Central Coord 50 564017 mE, 7577162 mN  
 Habitat Plain.  
 Soil Dusky red (10R 3/3) loamy sand.  
 Rock Type Ironstone.  
 Vegetation *Acacia pruinocarpa* low open woodland over *A. ancistrocarpa*, (*A. dictyophleba*) tall open shrubland over *Eremophila longifolia*, (*Acacia trachycarpa*) open shrubland over *Triodia epactia* hummock grassland with \**Cenchrus ciliaris* very open tussock grassland.  
 Veg Condition Very Good: some \**Cenchrus*; adjacent to broad drainage line excavated for flood wall construction - probably some old impact areas in quadrat.  
 Fire Age No sign of recent fire.  
 Notes U1 ^*Acacia pruinocarpa*^tree\6\r;M1 ^*Acacia ancistrocarpa*,*Acacia dictyophleba*^shrub\4\r;M2 *Eremophila longifolia*,*Acacia trachycarpa*^shrub\3\r;G1+ ^*Triodia epactia*^hummock grass\1\c;G2 *Cenchrus ciliaris*^tussock grass\1\r.

Name	Cover (%)	Height (cm)	Specimen	Notes
<i>Abutilon otocarpum</i>	0.1	20		
<i>Abutilon</i> sp. Pilbara (W.R. Barker 2025) PN	0.1	20		
<i>Acacia ancistrocarpa</i>	2.5	260		
<i>Acacia dictyophleba</i>	0.25	220	KTF51-07=	
<i>Acacia pruinocarpa</i>	3	400		
<i>Acacia trachycarpa</i>	0.5	170		
<i>Alysicarpus muelleri</i>	0.1	30		
<i>Anthobolus leptomerioides</i>	0.1	45	KTF53-19	
<i>Aristida contorta</i>	0.1	30		
<i>Arivela viscosa</i>	0.1	45		
<i>Boerhavia coccinea</i>	0.1	15	KTF53-06	
<i>Bulbostylis barbata</i>	0.1	10		
<i>Cassytha capillaris</i>	0.1	130		
<i>Cenchrus ciliaris</i>	3	60		N=120.
<i>Chrysopogon fallax</i>	0.1	110		
<i>Corchorus tectus</i>	0.1	3	KTF32-01=	
<i>Crotalaria medicaginea</i> var. <i>neglecta</i>	0.1	20		
<i>Cucumis variabilis</i>	0.1	110		
<i>Cullen leucochaites</i>	0.1	15	KTF47-06=	
<i>Cullen pogonocarpum</i>	0.1	20	KTF50-04=	
<i>Cynodon convergens</i>	0.1	30	KTF52-06=	
<i>Dysphania rhadinostachya</i> subsp. <i>inflata</i>	0.1	35	KTF53-20	
<i>Enneapogon polyphyllus</i>	0.1	20	KTF53-12	
<i>Eragrostis cumingii</i>	0.1	25	KTF53-17	
<i>Eremophila longifolia</i>	2	190		
<i>Eriachne pulchella</i>	0.1	15		
<i>Eulalia aurea</i>	0.1	40		
<i>Euphorbia biconvexa</i>	0.1	30	KTF53-05	
<i>Euphorbia boophthona</i>	0.1	30	KTF53-13	
<i>Euphorbia vaccaria</i> var. <i>vaccaria</i>	0.1	3	KTF53-15	
<i>Evolvulus alsinoides</i> var. <i>villosicalyx</i>	0.1	10		
<i>Gomphrena affinis</i> subsp. <i>pilbarensis</i>	0.1	30	KTF53-02	
<i>Gomphrena cunninghamii</i>	0.1	15		

Name	Cover (%)	Height (cm)	Specimen	Notes
<i>Goodenia forrestii</i>	0.1	30		
<i>Goodenia microptera</i>	0.1	30		
<i>Gossypium australe</i>	0.1	45		Burrup Peninsula form.
<i>Hakea lorea</i> subsp. <i>lorea</i>	0.1	180	KTF33-16=	
<i>Heliotropium cunninghamii</i>	0.1	12	KTF53-03	
<i>Hibiscus sturtii</i> var. <i>grandiflorus</i>	0.1	20	KTF53-10	
<i>Indigofera colutea</i>	0.1	15		
<i>Indigofera monophylla</i>	0.1	10		
<i>Ipomoea muelleri</i>	0.1	30	KTF51-02=	
<i>Iseilema membranaceum</i>	0.1	25	KTF53-11	
<i>Notoleptopus decaisnei</i>	0.1	25		
<i>Paspalidium clementii</i>	0.1	20	KTF53-09	
<i>Paspalidium rarum</i>	0.1	15	KTF53-08	
<i>Phyllanthus erwinii</i>	0.1	6		
<i>Portulaca oleracea</i> /intraterranea	0.1	20		
<i>Ptilotus aervoides</i>	0.1	5	KTF50-26=	
<i>Ptilotus exaltatus</i>	0.1	20		
<i>Ptilotus polystachyus</i>	0.1	40	KTF53-07	
<i>Rhynchosia minima</i>	0.1	15		
<i>Senna artemisioides</i> subsp. <i>oligophylla</i> x subsp. <i>helmsii</i>	0.1	30	KTF53-18	Closer to straight subsp. <i>helmsii</i> , but not quite right.
<i>Sida arsiniata</i>	0.1	25	KTF53-14	
<i>Sida echinocarpa</i>	0.1	80	KTF53-16	
<i>Solanum diversiflorum</i>	0.1	15		
<i>Solanum lasiophyllum</i>	0.1	60		
<i>Sporobolus australasicus</i>	0.1	25		
<i>Streptoglossa bubakii</i>	0.1	15		
<i>Trianthema pilosum</i>	0.1	30	KTF50-30=	
<i>Tribulus astrocarpus</i>	0.1	10		
<i>Tribulus macrocarpus</i>	0.1	15		
<i>Trichodesma zeylanicum</i> var. <i>zeylanicum</i>	0.1	20		
<i>Triodia epactia</i>	35	60	KTF53-01	
<i>Yakirra australiensis</i> var. <i>australiensis</i>	0.1	15	KTF53-04	



Site KTF54  
 Described by BRMMG Date 20/4/2020  
 Type Quadrat 62.5 x 40 m  
 Central Coord 50 564125 mE, 7574823 mN  
 Habitat Floodplain.  
 Soil Dark reddish brown sandy loam.  
 Rock Type Ironstone scattered gravel, pebbles and cobbles.  
 Vegetation *Corymbia hamersleyana*, (*Hakea lorea* subsp. *lorea*) scattered low trees over *Acacia dictyophleba*, *A. inaequilatera* scattered tall shrubs over *Triodia epactia* hummock grassland and *Bothriochloa ewartiana*, \**Cenchrus ciliaris*, (*Chrysopogon fallax*) very open tussock grassland.  
 Veg Condition Excellent: scattered \**Cenchrus*.  
 Fire Age No sign of recent fire.  
 Notes Mostly unburnt but 5% burnt 2-3 years ago; no obvious species growth in response to fire. *Chrysopogon fallax* and *Dichanthium* both occurring in small shallow depressions in quadrat. *Goodenia nuda* associated with *Chrysopogon fallax*.  
 U1 ^*Corymbia hamersleyana*,*Hakea lorea* subsp. *lorea*^tree\6\bi;M1  
 ^*Acacia dictyophleba*,^*Acacia inaequilatera*^shrub\4\bi;G1+ ^*Triodia epactia*^hummock grass\1\c;G2 *Bothriochloa ewartiana*,*Cenchrus ciliaris*,*Chrysopogon fallax*\tussock grass\1\r.

Name	Cover (%)	Height (cm)	Specimen	Notes
<i>Abutilon otocarpum</i>	0.1	15		
<i>Abutilon</i> sp. Pilbara (W.R. Barker 2025) PN	0.1	45		
<i>Acacia dictyophleba</i>	0.5	250	KTF51-07=	
<i>Acacia inaequilatera</i>	0.25	210		
<i>Acacia pyrifolia</i> var. <i>pyrifolia</i>	0.1	40		
<i>Amyema preissii</i>	0.1	160	KTF54-09	Mistletoe in <i>A. dictyophleba</i> .
<i>Aristida contorta</i>	0.1	30		
<i>Aristida holathera</i> var. <i>holathera</i>	0.1	15	KTF54-11	
<i>Arivela viscosa</i>	0.1	30		
<i>Boerhavia coccinea</i>	0.1	10	KTF53-06=	
<i>Bothriochloa ewartiana</i>	1	90	KTF54-07	
<i>Bulbostylis barbata</i>	0.1	10		
<i>Cenchrus ciliaris</i>	1	45	N=100.	
<i>Chrysopogon fallax</i>	0.5	110		
<i>Corchorus sidoides</i> subsp. <i>sidoides</i>	0.1	30	KTF54-06	
<i>Corymbia hamersleyana</i>	1	400		
<i>Crotalaria medicaginea</i> var. <i>neglecta</i>	0.1	50		
<i>Cucumis variabilis</i>	0.1	45		
<i>Enneapogon caeruleus</i>	0.1	25		
<i>Eragrostis cumingii</i>	0.1	10	KTF53-17=	
<i>Eragrostis tenellula</i>	0.1	50	KTF54-04	
<i>Eriachne aristidea</i>	0.1	20		
<i>Eriachne pulchella</i>	0.1	20		
<i>Euphorbia boophthona</i>	0.1	10	KTF 54-01=	
<i>Euphorbia vaccaria</i> var. <i>vaccaria</i>	0.1	3	KTF53-15=	
<i>Evolvulus alsinoides</i> var. <i>villosicalyx</i>	0.1	30		
<i>Goodenia forrestii</i>	0.1	30		
<i>Goodenia microptera</i>	0.1	30		
<i>Goodenia nuda</i>	0.1	40	KTF54-08	N=7.
<i>Gossypium australe</i>	0.1	30		Burrup Peninsula form.



Name	Cover (%)	Height (cm)	Specimen	Notes
<i>Hakea lorea</i> subsp. <i>lorea</i>	0.25	220	KTF54-02	
<i>Heliotropium inexplicitum</i>	0.1	10	KTF54-10	
<i>Hibiscus sturtii</i> var. <i>grandiflorus</i>	0.1	20	KTF53-10=	
<i>Hibiscus sturtii</i> var. <i>platyklamys</i>	0.1	15	KTF54-12	
<i>Indigofera colutea</i>	0.1	20		
<i>Jasminum didymum</i> subsp. <i>lineare</i>	0.1	90		
<i>Polycarpaea corymbosa</i> var. <i>corymbosa</i>	0.1	20		
<i>Portulaca oleracea</i> /intraterranea	0.1	3		
<i>Pterocaulon serrulatum</i> var. <i>velutinum</i>	0.1	45	KTF54-05	
<i>Pterocaulon sphacelatum</i>	0.1	50	KTF54-03	
<i>Ptilotus exaltatus</i>	0.1	20		
<i>Ptilotus helipteroides</i>	0.1	12		
<i>Rhynchosia minima</i>	0.1	30		
<i>Senna notabilis</i>	0.1	45		
<i>Solanum lasiophyllum</i>	0.1	45		
<i>Sporobolus australasicus</i>	0.1	10		
<i>Streptoglossa bubakii</i>	0.1	15		
<i>Trianthema pilosum</i>	0.1	5	KTF50-30=	
<i>Tribulus hirsutus</i>	0.1	15		
<i>Tribulus macrocarpus</i>	0.1	15		
<i>Trichodesma zeylanicum</i> var. <i>zeylanicum</i>	0.1	20		
<i>Triodia epactia</i>	60	90	KTF53-01=	
<i>Yakirra australiensis</i> var. <i>australiensis</i>	0.1	10	KTF53-04=	



Site KTF55  
 Described by RM/SY Date 25/4/2020  
 Type Quadrat 50 x 50 m  
 Central Coord 50 564329 mE, 7575684 mN  
 Habitat Clay plain.  
 Soil Dark reddish brown silty clay loam to light clay.  
 Rock Type Ironstone.  
 Vegetation *Corymbia hamersleyana* scattered low trees over *Acacia inaequilatera* scattered tall shrubs over *Triodia epactia* very open hummock grassland.  
 Veg Condition Very Good: cattle scats; scattered \**Cenchrus*.  
 Fire Age Burnt 1-2 years ago.  
 Notes SW corner lacks peg.  
 U1 ^*Corymbia hamersleyana*\^tree\6\bi;M1 ^*Acacia inaequilatera*\^shrub\4\bi;G1+ ^*Triodia epactia*\^hummock grass\1\r.

Name	Cover (%)	Height (cm)	Specimen	Notes
<i>Abutilon lepidum</i>	0.1	10		
<i>Abutilon otocarpum</i>	0.1	30	KTF55-01	
<i>Abutilon</i> sp. Pilbara (W.R. Barker 2025) PN	0.1	50	KTF55-04	
<i>Acacia ancistrocarpa</i>	0.1	60		
<i>Acacia colei</i>	0.1	50	REL06-09=	Sterile.
<i>Acacia dictyophleba</i>	0.1	60	KTF43-01=	
<i>Acacia inaequilatera</i>	0.5	300		
<i>Alysicarpus muelleri</i>	0.1	40	KTF45-09=	
<i>Aristida contorta</i>	0.1	25		
<i>Aristida holathera</i> var. <i>holathera</i>	0.1	60		
<i>Arivela viscosa</i>	0.1	50		
<i>Boerhavia burbridgeana</i>	0.1	70		
<i>Bonamia erecta</i>	0.1	20	KTF55-07	
<i>Bulbostylis barbata</i>	0.1	15	KTF45-03=	
<i>Cenchrus ciliaris</i>	0.1	30		N=30.
<i>Codonocarpus cotinifolius</i>	0.1	20		
<i>Corchorus sidoides</i> subsp. <i>sidoides</i>	0.1	20	KTF45-24=	
<i>Corchorus tridens</i>	0.1	20		
<i>Corymbia hamersleyana</i>	0.5	450		
<i>Cucumis variabilis</i>	0.1	90		
<i>Cullen leucochaites</i>	0.1	40	KTF55-06	
<i>Cullen pogonocarpum</i>	0.1	20	KTF45-05=	
<i>Cynodon convergens</i>	0.1	30		
<i>Digitaria brownii</i>	0.1	30	REL06-01=	
<i>Dysphania kalpari</i>	0.1	5	KTF28-21=	
<i>Eremophila longifolia</i>	0.1	90	KTF45-23=	
<i>Eriachne aristidea</i>	0.1	20		
<i>Eriachne pulchella</i>	0.1	7		
<i>Eulalia aurea</i>	0.1	40		
<i>Euphorbia biconvexa</i>	0.1	40	KTF46-04=	
<i>Euphorbia boophthona</i>	0.1	20	KTF28-02=	
<i>Euphorbia vaccaria</i> var. <i>vaccaria</i>	0.1	7	KTF45-20=	
<i>Evolvulus alsinoides</i>	0.1	15		Sterile.
<i>Gomphrena affinis</i> subsp. <i>pilbarensis</i>	0.1	15	KTF45-16=	
<i>Gomphrena cunninghamii</i>	0.1	25	KTF55-03	
<i>Goodenia forrestii</i>	0.1	40	KTF45-06=	
<i>Goodenia microptera</i>	0.1	20		
<i>Goodenia nuda</i>	0.1	40	KTF45-17=	

Name	Cover (%)	Height (cm)	Specimen	Notes
<i>Gossypium australe</i>	0.1	90		
<i>Grevillea wickhamii</i>	0.1	30		Sterile.
<i>Hakea lorea</i> subsp. <i>lorea</i>	0.1	90	KTF27-11=	
<i>Heliotropium inexplicitum</i>	0.1	20	KTF55-09	
<i>Indigofera colutea</i>	0.1	20	KTF45-02=	
<i>Paraneurachne muelleri</i>	0.1	40		
<i>Paspalidium rarum</i>	0.1	30	KTF45-18=	
<i>Portulaca oleracea</i> /intraterranea	0.1	15		
<i>Ptilotus astrolasius</i>	0.1	30		
<i>Ptilotus exaltatus</i>	0.1	20		
<i>Ptilotus helipteroides</i>	0.1	20	KTF55-02	
<i>Rhynchosia minima</i>	0.1	30		
<i>Salsola australis</i>	0.1	20		
<i>Senna artemisioides</i> subsp. <i>oligophylla</i> x subsp. <i>helmsii</i>	0.1	10	KTF45-13=	Closer to straight subsp. <i>helmsii</i> , but not quite right.
<i>Senna notabilis</i>	0.1	20		
<i>Sida arsinata</i>	0.1	50	KTF45-12=	
<i>Sida echinocarpa</i>	0.1	70	KTF55-05	
<i>Sida fibulifera</i>	0.1	10		
<i>Sida</i> sp.	0.1	10	KTF45-25=	Poor material; juvenile.
<i>Solanum diversiflorum</i>	0.1	50		
<i>Solanum lasiophyllum</i>	0.1	30		
<i>Sporobolus australasicus</i>	0.1	20		
<i>Stemodia grossa</i>	0.1	40		
<i>Tephrosia</i> sp. Bungaroo Creek (M.E. Trudgen 11601)	0.1	30	KTF55-08	
<i>Trianthema pilosum</i>	0.1	15	KTF45-07=	
<i>Tribulus astrocarpus</i>	0.1	10		
<i>Tribulus macrocarpus</i>	0.1	30		
<i>Trichodesma zeylanicum</i> var. <i>zeylanicum</i>	0.1	20		
<i>Triodia epactia</i>	8	30		
<i>Yakirra australiensis</i> var. <i>australiensis</i>	0.1	10	KTF45-14=	



Site KTF56  
 Described by RM/SY Date 19/4/2020  
 Type Quadrat 50 x 50 m  
 Central Coord 50 563688 mE, 7583009 mN  
 Habitat Broad floodplain of Fortescue River.  
 Soil Dark reddish brown silty clay loam.  
 Vegetation *Acacia citrinoviridis*, (*Eucalyptus victrix*) low woodland over *Isotropis atropurpurea* scattered low shrubs over *Triodia epactia* very open hummock grassland over *Eriachne benthamii* very open tussock grassland over *Urochloa occidentalis* var. *occidentalis* very open bunch grassland and \**Malvastrum americanum*, (*Rostellularia adscendens* var. *clementii*, \**Bidens bipinnata*) very open herbland.  
 Veg Condition Very Good: several weed species; cattle scats and tracks.  
 Fire Age No sign of recent fire.  
 Notes U1+ ^*Acacia citrinoviridis*,*Eucalyptus victrix* ^tree\6\i;M1 ^*Isotropis atropurpurea* ^shrub\1\bi;G1 ^*Triodia epactia* ^tussock grass\1\r;G2 *Eriachne benthamii*,*Urochloa occidentalis* var. *occidentalis*,*Malvastrum americanum*,*Rostellularia adscendens* var. *clementii*,*Bidens bipinnata* \tussock grass,other grass,forb\1\r.

Name	Cover (%)	Height (cm)	Specimen	Notes
<i>Abutilon lepidum</i>	0.1	15		
<i>Acacia ancistrocarpa</i>	0.1	280		
<i>Acacia citrinoviridis</i>	17	550		
<i>Aerva javanica</i>	0.1	40		N=1.
<i>Afrohybanthus aurantiacus</i>	0.1	50		
<i>Alternanthera nodiflora</i>	0.1	25		
<i>Alysicarpus muelleri</i>	0.1	30		
<i>Arivela viscosa</i>	0.1	50		
<i>Bidens bipinnata</i>	0.5	30		N=1000.
<i>Boerhavia burbridgeana</i>	0.1	70		
<i>Boerhavia repleta</i>	0.1	15	KTF56-27	
<i>Cenchrus ciliaris</i>	0.1	50		N=150.
<i>Cenchrus setiger</i>	0.1	40		N=1.
<i>Chrysopogon fallax</i>	0.25	110		
<i>Commelina ensifolia</i>	0.1	20	KTF56-25	
<i>Convolvulus clementii</i>	0.1	110	KTF56-12	
<i>Corchorus crozophorifolius</i>	0.1	50	KTF56-11	
<i>Corchorus tridens</i>	0.1	4		
<i>Cucumis melo</i>	0.1	150	KTF56-15	
<i>Cucumis picocarpus</i>	0.1	150	KTF15-04=	
<i>Cucumis variabilis</i>	0.1	70		
<i>Cullen cinereum</i>	0.1	40	KTF56-04,7	
<i>Cynodon convergens</i>	0.1	30		
<i>Dichanthium sericeum</i> subsp. <i>humilius</i>	0.1	40		
<i>Duperreya commixta</i>	0.1	150		
<i>Dysphania</i> sp.	0.1	20		Sterile, seedling.
<i>Enneapogon polyphyllus</i>	0.1	40		
<i>Eriachne benthamii</i>	9	70	KTF56-1,19	
<i>Eucalyptus victrix</i>	11	700		
<i>Eulalia aurea</i>	0.1	50		
<i>Euphorbia</i> sp. ( <i>boophthona/tannensis</i> )	0.1	40		Sterile.
<i>Evolvulus alsinoides</i> var. <i>villosicalyx</i>	0.1	15		
<i>Flaveria trinervia</i>	0.1	50		N=25.
<i>Gomphrena cunninghamii</i>	0.1	30	KTF55-03=	

Name	Cover (%)	Height (cm)	Specimen	Notes
<i>Goodenia forrestii</i>	0.1	5	KTF56-08	
<i>Goodenia nuda</i>	0.1	40	KTF56-20	
<i>Gossypium australe</i>	0.1	70		
<i>Hibiscus verdcourtii</i>	0.1	20		
<i>Indigofera monophylla</i>	0.1	50		
<i>Ipomoea lonchophylla</i>	0.1	20	KTF56-09	
<i>Ipomoea muelleri</i>	0.1	60	KTF56-06	
<i>Isotropis atropurpurea</i>	1	30	KTF20-04=	
<i>Malvastrum americanum</i>	5	40	N=1000.	
<i>Nicotiana simulans</i> (type 2)	0.1	40	KTF56-10	Formal ID by M. Hislop (WAH)REL04-15=.
<i>Notoleptopus decaisnei</i>	0.1	30		
<i>Operculina aequisepala</i>	0.1	60		
<i>Panicum laevinode</i>	0.1	40	KTF56-14	
<i>Phyllanthus maderaspatensis</i>	0.1	15		
<i>Polymeria longifolia</i>	0.1	20	KTF56-24	
<i>Portulaca oleracea/intraterranea</i>	0.1	20		
<i>Ptilotus exaltatus</i>	0.1	20		
<i>Ptilotus fusiformis</i>	0.1	40	KTF51-18=	
<i>Ptilotus gomphrenoides</i>	0.1	20	KTF56-17	
<i>Ptilotus xerophilus</i>	0.1	40	KTF56-23	
<i>Rhynchosia minima</i>	0.1	50		
<i>Rostellularia adscendens</i> var. <i>clementii</i>	1	30	KTF56-03	
<i>Senna artemisioides</i> subsp. <i>oligophylla</i> (thinly sericeous form MET 15,035)	0.1	170	KTF56-21	
<i>Senna glutinosa</i> subsp. <i>glutinosa</i> x <i>S. stricta</i>	0.1	200	KTF56-18	
<i>Senna notabilis</i>	0.1	25		
<i>Sesbania cannabina</i>	0.1	120		
<i>Setaria dielsii</i>	0.1	30	KTF56-05	
<i>Setaria verticillata</i>	0.25	60		N=1.
<i>Solanum cleistogamum</i>	0.1	20	KTF56-26	
<i>Solanum diversiflorum</i>	0.1	20		
<i>Solanum lasiophyllum</i>	0.1	50		
<i>Sonchus oleraceus</i>	0.1	15		N=10.
<i>Sporobolus australasicus</i>	0.1	25		
<i>Streptoglossa bubakii</i>	0.1	15	KTF01-21=	
<i>Striga squamigera</i>	0.1	20	KTF56-13a	Small purple flower.
<i>Themeda triandra</i>	0.1	90		
<i>Trichodesma zeylanicum</i> var. <i>zeylanicum</i>	0.1	30		
<i>Triodia epactia</i>	9	40		
<i>Urochloa occidentalis</i> var. <i>occidentalis</i>	5	40	KTF56-02	
<i>Vachellia farnesiana</i>	0.1	230		N=9.
<i>Waltheria indica</i>	0.1	20	KTF56-16	



Site KTF57  
 Described by RM/SY Date 20/4/2020  
 Type Quadrat 50 x 50 m  
 Central Coord 50 564971 mE, 7572691 mN  
 Habitat Undulating plain.  
 Soil Dark reddish brown silty clay loam.  
 Rock Type Ironstone.  
 Vegetation *Corymbia hamersleyana* low open woodland over *Corchorus crozophorifolius* scattered low shrubs over *Eriachne tenuiculmis* very open tussock grassland and *Arivela viscosa* very open herbland.  
 Veg Condition Excellent: only occasional weeds.  
 Fire Age Burnt 1-2 years ago.  
 Notes U1+ ^*Corymbia hamersleyana*\^tree\6\r;M1 ^*Corchorus crozophorifolius*\^shrub\2\bi;G1 ^*Eriachne tenuiculmis*\^tussock grass\1\r;G2 *Arivela viscosa*\forb\1\r.

Name	Cover (%)	Height (cm)	Specimen	Notes
<i>Abutilon</i> sp. Pilbara (W.R. Barker 2025) PN	0.1	35	KTF57-10	
<i>Acacia pyrifolia</i> var. <i>pyrifolia</i>	0.1	25		
<i>Afrohybanthus aurantiacus</i>	0.1	40	KTF57-02	
<i>Aristida contorta</i>	0.1	15		
<i>Arivela viscosa</i>	10	50		
<i>Boerhavia burbridgeana</i>	0.1	50		
<i>Bonamia pilbarensis</i>	0.1	30	KTF57-1,12	
<i>Bulbostylis barbata</i>	0.1	15	KTF57-07	
<i>Cenchrus ciliaris</i>	0.1	30		N=10.
<i>Cenchrus setiger</i>	0.1	30		N=40.
<i>Corchorus crozophorifolius</i>	0.5	50	KTF56-11=	
<i>Corymbia hamersleyana</i>	2.5	700		
<i>Crotalaria medicaginea</i> var. <i>neglecta</i>	0.1	60	KTF57-11	
<i>Eriachne pulchella</i>	0.1	10		
<i>Eriachne tenuiculmis</i>	3	40	KTF57-03	
<i>Euphorbia australis</i> var. <i>subtomentosa</i>	0.1	20	KTF57-09	
<i>Goodenia microptera</i>	0.1	30		
<i>Gossypium australe</i>	0.1	100		
<i>Grevillea wickhamii</i>	0.1	60		Sterile.
<i>Heliotropium cunninghamii</i>	0.1	25	KTF57-05	
<i>Indigofera colutea</i>	0.1	20		
<i>Indigofera monophylla</i>	0.1	50		
<i>Notoleptopus decaisnei</i>	0.1	15		
<i>Phyllanthus maderaspatensis</i>	0.1	35		
<i>Portulaca oleracea/intraterranea</i>	0.1	10		
<i>Ptilotus astrolasius</i>	0.1	40		
<i>Ptilotus exaltatus</i>	0.1	50		
<i>Senna artemisioides</i> subsp. <i>oligophylla</i>	0.1	10		
<i>Senna notabilis</i>	0.1	50		
<i>Solanum lasiophyllum</i>	0.1	50		
<i>Tephrosia rosea</i> var. <i>Fortescue creeks</i> (M.I.H. Brooker 2186)	0.1	15	KTF57-04	
<i>Trianthema pilosum</i>	0.1	20	KTF57-08	
<i>Tribulus macrocarpus</i>	0.1	70		
<i>Trichodesma zeylanicum</i> var. <i>zeylanicum</i>	0.1	60		

Name	Cover (%)	Height (cm)	Specimen	Notes
<i>Trigastrotheca molluginea</i>	0.1	30		
<i>Triodia epactia</i>	0.1	30		
<i>Waltheria indica</i>	0.1	40	KTF57-07b	





Site KTF58  
 Described by RM/SY Date 19/4/2020  
 Type Quadrat 50 x 50 m  
 Central Coord 50 564904 mE, 7572037 mN  
 Habitat Undulating broad floodplain.  
 Soil Dark reddish brown silty clay loam.  
 Rock Type Ironstone.  
 Vegetation *Corymbia hamersleyana* low open woodland over *Corchorus crozophorifolius*, *Atalaya hemiglauca* scattered low shrubs over *Eriachne tenuiculmis*, (\**Cenchrus ciliaris*) scattered tussock grasses and *Arivela viscosa*, (*Trianthema pilosum*) open herbland.  
 Veg Condition Excellent; scattered weeds.  
 Fire Age Burnt 1-2 years ago.  
 Notes U1+ ^*Corymbia hamersleyana*\^tree\6\r;M1 ^*Corchorus crozophorifolius*,*Atalaya hemiglauca*\^shrub\2\bi;G1 ^*Eriachne tenuiculmis*,*Cenchrus ciliaris*\^tussock grass\1\bi;G2 *Arivela viscosa*,*Trianthema pilosum*\forb\1\i.

Name	Cover (%)	Height (cm)	Specimen	Notes
<i>Abutilon lepidum</i>	0.1	15		
<i>Abutilon</i> sp. Pilbara (W.R. Barker 2025) PN	0.1	35	KTF57-10=	
<i>Acacia pyrifolia</i> var. <i>pyrifolia</i>	0.1	70		
<i>Afrohybanthus aurantiacus</i>	0.1	25		
<i>Aristida contorta</i>	0.1	20		
<i>Aristida holathera</i> var. <i>holathera</i>	0.1	30		
<i>Arivela viscosa</i>	10	50		
<i>Atalaya hemiglauca</i>	0.5	90		
<i>Boerhavia burbridgeana</i>	0.1	50		
<i>Bonamia pilbarensis</i>	0.1	30	KTF57-01=	
<i>Cenchrus ciliaris</i>	0.5	30		N=100.
<i>Cenchrus setiger</i>	0.1	30		N=40.
<i>Corchorus crozophorifolius</i>	1	50	KTF56-11=	
<i>Corymbia hamersleyana</i>	3	800		
<i>Crotalaria medicaginea</i> var. <i>neglecta</i>	0.1	60	KTF57-11=	
<i>Cucumis variabilis</i>	0.1	50		
<i>Cullen leucanthum</i>	0.1	70	KTF58-06	
<i>Eriachne aristidea</i>	0.1	30		
<i>Eriachne pulchella</i>	0.1	15		
<i>Eriachne tenuiculmis</i>	2	40	KTF57-03=	
<i>Euphorbia australis</i> var. <i>subtomentosa</i>	0.1	20	KTF57-09=	
<i>Goodenia forrestii</i>	0.1	30	KTF58-03	
<i>Goodenia microptera</i>	0.1	30		
<i>Goodenia nuda</i>	0.1	30	KTF58-02	
<i>Gossypium australe</i>	0.1	100		
<i>Grevillea wickhamii</i>	0.1	70		Sterile.
<i>Heliotropium cunninghamii</i>	0.1	25	KTF57-05=	
<i>Indigofera colutea</i>	0.1	20		
<i>Indigofera monophylla</i>	0.1	70	KTF58-04	
<i>Melhania oblongifolia</i>	0.1	20	KTF58-01	
<i>Notoleptopus decaisnei</i>	0.1	20		
<i>Paraneurachne muelleri</i>	0.1	30		
<i>Portulaca oleracea/intraterranea</i>	0.1	10		
<i>Ptilotus astrolasius</i>	0.1	50		
<i>Ptilotus exaltatus</i>	0.1	70		
<i>Salsola australis</i>	0.1	20		
<i>Senna artemisioides</i> subsp. <i>oligophylla</i>	0.1	50		

Name	Cover (%)	Height (cm)	Specimen	Notes
<i>Senna notabilis</i>	0.1	70		
<i>Solanum diversiflorum</i>	0.1	20		
<i>Sporobolus australasicus</i>	0.1	20		
<i>Tephrosia rosea</i> var. <i>Fortescue creeks</i> (M.I.H. Brooker 2186)	0.1	15	KTF57-04=	
<i>Trianthema pilosum</i>	1	20	KTF57-08=	
<i>Tribulus macrocarpus</i>	0.1	70		
<i>Trichodesma zeylanicum</i> var. <i>zeylanicum</i>	0.1	30		
<i>Trigastrotheca molluginea</i>	0.1	30		
<i>Triodia epactia</i>	0.1	30		
<i>Waltheria indica</i>	0.1	40	KTF57-07b=	
<i>Yakirra australiensis</i> var. <i>australiensis</i>	0.1	20	KTF30-10=	



Site KTF59  
 Described by RM/SY Date 20/4/2020  
 Type Quadrat 50 x 50 m  
 Central Coord 50 569229 mE, 7527013 mN  
 Habitat Cracking clay plain; scalded.  
 Soil Dark reddish brown silty clay.  
 Vegetation \**Vachellia farnesiana* scattered shrubs over *Astrebla elymoides*, *Eriachne flaccida*, (*Chrysopogon fallax*, *Astrebla lappacea*) open tussock grassland over *Urochloa occidentalis* var. *occidentalis*, *Iseilema macratherum*, *Panicum laevinode*, (*Chloris pectinata*, *Dactyloctenium radulans*, *Dichanthium sericeum* subsp. *humilius*) open annual grassland and *Cullen cinereum*, *Rostellularia adscendens* var. *clementii*, (*Convolvulus clementii*) open herbland.  
 Veg Condition Very Good: scattered weeds; signs of cattle.  
 Fire Age No sign of recent fire.  
 Notes Very dry, most species dying off. Probably equivalent to the PEC.  
 M1 ^*Vachellia farnesiana*\^shrub\4\bi;G1+ ^*Astrebla elymoides*,^*Eriachne flaccida*,*Chrysopogon fallax*,*Astrebla lappacea*\^tussock grass\2\i;G2 *Urochloa occidentalis* var. *occidentalis*,*Iseilema macratherum*,*Panicum laevinode*,*Chloris pectinata*,*Dactyloctenium radulans*\other grass\1\i.

Name	Cover (%)	Height (cm)	Specimen	Notes
<i>Abutilon malvifolium</i>	0.1	40	KTF59-07	
<i>Alysicarpus muelleri</i>	0.1	40		
<i>Aristida holathera</i> var. <i>holathera</i>	0.1	30		
<i>Arivela viscosa</i>	0.1	70		
<i>Astrebla elymoides</i>	10	60	KTF59-12	
<i>Astrebla lappacea</i>	2	60	KTF59-13	
<i>Boerhavia burbridgeana</i>	0.1	90	KTF07-14=	
<i>Cenchrus ciliaris</i>	0.1	30		N=200.
<i>Chloris pectinata</i>	1	50	KTF07-20=	
<i>Chrysopogon fallax</i>	7	110		
<i>Convolvulus clementii</i>	2	50	KTF07-07=	
<i>Corchorus trilocularis</i>	0.1	30	KTF59-09	
<i>Cucumis picrocarpus</i>	0.1	30	KTF07-17=	
<i>Cullen cinereum</i>	5	20	KTF07-05=	
<i>Cullen graveolens</i>	0.1	20	KTF59-02	
<i>Cynodon convergens</i>	0.1	30		
<i>Dactyloctenium radulans</i>	1	30		
<i>Dichanthium sericeum</i> subsp. <i>humilius</i>	1	40	KTF07-21=	
<i>Dichanthium sericeum</i> subsp. <i>sericeum</i>	0.1	70	KTF59-14	
<i>Enneapogon polyphyllus</i>	0.1	15	KTF07-30=	
<i>Eragrostis tenellula</i>	0.1	40		
<i>Eriachne flaccida</i>	10	50	KTF59-04	
<i>Euphorbia ferdinandii</i> var. <i>ferdinandii</i>	0.1	5	KTF07-19=	Formal ID by M. Hislop (WAH) KTF10-09= or REL01-10=
<i>Euphorbia trigonosperma</i>	0.1	20	KTF08-26=	Match to WAH ID.
<i>Glycine falcata</i>	0.1	20	KTF59-08	
<i>Heliotropium conocarpum</i>	0.1	20	KTF08-18=	
<i>Hibiscus verdcourtii</i>	0.1	40	KTF59-11	
<i>Indigofera linifolia</i>	0.1	30	KTF07-28=	
<i>Iseilema macratherum</i>	7	30	KTF59-01	
<i>Lotus cruentus</i>	0.1	20	KTF59-03	

Name	Cover (%)	Height (cm)	Specimen	Notes
<i>Malvastrum americanum</i>	0.1	50		N=10.
<i>Operculina aequisepala</i>	0.1	70		
<i>Panicum laevinode</i>	5	60	KTF08-35=	
<i>Phyllanthus maderaspatensis</i>	0.1	30	KTF08-25=	
<i>Portulaca oleracea/intraterranea</i>	0.1	30		
<i>Ptilotus aervoides</i>	0.1	10	KTF07-10=	
<i>Ptilotus exaltatus</i>	0.1	20		
<i>Ptilotus gaudichaudii</i>	0.1	20		
<i>Ptilotus gomphrenoides</i>	0.1	40	KTF59-05	
<i>Ptilotus xerophilus</i>	0.1	40	KTF59-06	
<i>Rhynchosia minima</i>	0.1	30		
<i>Rostellularia adscendens</i> var. <i>clementii</i>	5	30	KTF56-03=	
<i>Salsola australis</i>	0.1	70		
<i>Sporobolus australasicus</i>	0.1	10		
<i>Streptoglossa</i> sp. Cracking clays (S. van Leeuwen et al. PBS 7353)	0.1	15	KTF59-09A	Formal ID by M. Hislop (WAH).
<i>Themeda</i> sp. Hamersley Station (M.E. Trudgen 11431)	0.1	110		N=50.
<i>Tragus australianus</i>	0.1	15	KTF07-26=	
<i>Trianthema triquetrum</i>	0.1	20	KTF07-08=	
<i>Urochloa occidentalis</i> var. <i>occidentalis</i>	10	30	KTF08-33=	
<i>Vachellia farnesiana</i>	1.5	250		N=23.
<i>Vigna</i> sp. Hamersley Clay (A.A. Mitchell PRP 113)	0.1	40	KTF08-14=	



Site KTF60  
 Described by RM/SY Date 21/4/2020  
 Type Quadrat 50 x 50 m  
 Central Coord 50 568722 mE, 7530421 mN  
 Habitat Cracking clay plain.  
 Soil Dark reddish brown light clay; self-mulching.  
 Vegetation *Astrebla pectinata*, (*A. elymoides*) tussock grassland over *Urochloa occidentalis* var. *occidentalis*, (*U. occidentalis* var. *ciliata*) bunch grassland.  
 Veg Condition Very Good: signs of cattle.  
 Fire Age No sign of recent fire.  
 Notes G1+ ^*Astrebla pectinata*,*Astrebla elymoides*\^tussock grass\1\c;G2 *Urochloa occidentalis* var. *occidentalis*,*Urochloa occidentalis* var. *ciliata*\other grass\1\c.

Name	Cover (%)	Height (cm)	Specimen	Notes
<i>Abutilon malvifolium</i>	0.1	20	KTF08-04=	
<i>Alysicarpus muelleri</i>	0.1	40	KTF08-20=	
<i>Arivela viscosa</i>	0.1	30		
<i>Astrebla elymoides</i>	0.5	30	KTF59-12=	
<i>Astrebla pectinata</i>	40	30	KTF60-01	
<i>Boerhavia burbridgeana</i>	0.1	40	KTF07-14=	
<i>Chloris pectinata</i>	0.1	20	KTF07-20=	
<i>Chrysopogon fallax</i>	0.1	110		
<i>Corchorus tridens</i>	0.1	40	KTF08-22=	
<i>Crotalaria dissitiflora</i> subsp. <i>benthamiana</i>	0.1	45	KTF08-10=	
<i>Cucumis picocarpus</i>	0.1	45	KTF08-39=	
<i>Cullen graveolens</i>	0.1	30	KTF59-02=	
<i>Cynodon convergens</i>	0.1	30		
<i>Dactyloctenium radulans</i>	0.1	25		
<i>Dichanthium sericeum</i> subsp. <i>humilius</i>	0.1	30	KTF08-38=	
<i>Enneapogon caerulescens</i>	0.1	25	KTF08-11=	
<i>Enneapogon polyphyllus</i>	0.1	25	KTF08-21=	
<i>Eragrostis pergracilis</i>	0.1	7	KTF08-09=	
<i>Eriachne flaccida</i>	0.1	40	KTF59-04=	
<i>Euphorbia trigonosperma</i>	0.1	20	KTF08-26	Match to WAH ID.
<i>Evolvulus alsinoides</i> var. <i>villosicalyx</i>	0.1	15		
<i>Glycine falcata</i>	0.1	20	KTF59-08=	
<i>Goodenia pascua</i>	0.1	30	KTF60-02	
<i>Heliotropium conocarpum</i>	0.1	20	KTF08-18=	
<i>Hibiscus verdcourtii</i>	0.1	50	KTF08-12=	
<i>Indigastrum parviflorum</i>	0.1	45	KTF08-07=	
<i>Indigofera linifolia</i>	0.1	40	KTF08-31=	
<i>Indigofera trita</i> subsp. <i>trita</i>	0.1	35	KTF08-40=	
<i>Ipomoea lonchophylla</i>	0.1	50	KTF08-05=	
<i>Iseilema macratherum</i>	0.1	50	KTF59-01=	
<i>Operculina aequisepala</i>	0.1	30		
<i>Panicum decompositum</i>	0.1	45	KTF08-43=	
<i>Panicum laevinode</i>	0.1	60	KTF08-35=	
<i>Phyllanthus maderaspatensis</i>	0.1	30	KTF08-25=	
<i>Polymeria longifolia</i>	0.1	30	KTF08-06=	
<i>Portulaca oleracea</i> /intraterranea	0.1	20		
<i>Ptilotus exaltatus</i>	0.1	5		
<i>Ptilotus gomphrenoides</i>	0.1	30	KTF59-05=	

Name	Cover (%)	Height (cm)	Specimen	Notes
<i>Rhynchosia minima</i>	0.1	30		
<i>Rostellularia adscendens</i> var. <i>clementii</i>	0.1	20	KTF56-03=	
<i>Sida laevis</i>	0.1	25	KTF08-13=	Formal ID by M. Hislop (WAH)KTF08-34=
<i>Sida fibulifera</i>	0.1	30	KTF08-24=	'sens. lat.'
<i>Sporobolus australasicus</i>	0.1	25		
<i>Streptoglossa bubakii</i>	0.1	10	KTF08-19=	
<i>Themeda</i> sp. Hamersley Station (M.E. Trudgen 11431)	0.1	120	KTF08-02=	
<i>Trianthema triquetrum</i>	0.1	10	KTF07-08=	
<i>Urochloa occidentalis</i> var. <i>ciliata</i>	0.5	40	KTF08-16=	
<i>Urochloa occidentalis</i> var. <i>occidentalis</i>	40	30	KTF08-33=	
<i>Vigna</i> sp. Hamersley Clay (A.A. Mitchell PRP 113)	0.1	15	KTF08-14=	



Site KTF61  
 Described by RM/SY Date 25/4/2020  
 Type Quadrat 50 x 50 m  
 Central Coord 50 560081 mE, 7589508 mN  
 Habitat Broad floodplain, with minor flowline through centre. (Channel has similar species.)  
 Soil Dark reddish brown silty clay loam.  
 Rock Type Ironstone.  
 Vegetation *Acacia citrinoviridis*, (*Corymbia hamersleyana*, *A. macraneura*) low woodland over *A. atkinsiana* scattered tall shrubs over *Triodia epactia* open hummock grassland and *Chrysopogon fallax* scattered tussock grasses.  
 Veg Condition Very Good: scattered weeds.  
 Fire Age Very long unburnt.  
 Notes U1+ ^*Acacia citrinoviridis*,*Corymbia hamersleyana*,*Acacia macraneura*^\^tree\6\i;M1 ^*Acacia atkinsiana*^\^shrub\4\bi;G1 ^*Triodia epactia*^\^hummock grass\1\i;G2 *Chrysopogon fallax*^\tussock grass\2\bi.

Name	Cover (%)	Height (cm)	Specimen	Notes
<i>Abutilon otocarpum</i>	0.1	40		
<i>Abutilon</i> sp. Pilbara (W.R. Barker 2025) PN	0.1	40		
<i>Acacia macraneura</i>	1	500	KTF61-07	Formal ID by M. Hislop (WAH) KTF09-10=
<i>Acacia atkinsiana</i>	0.5	300		
<i>Acacia citrinoviridis</i>	18	600		
<i>Acacia pyrifolia</i> var. <i>pyrifolia</i>	0.1	120		
<i>Acacia trachycarpa</i>	0.1	160		
<i>Alternanthera nana</i>	0.1	25		
<i>Alysicarpus muelleri</i>	0.1	40		
<i>Aristida contorta</i>	0.1	15		
<i>Arivela viscosa</i>	0.1	50		
<i>Bidens bipinnata</i>	0.1	40		N=150.
<i>Boerhavia coccinea</i>	0.1	25		
<i>Cassytha capillaris</i>	0.1	40		
<i>Cenchrus ciliaris</i>	0.1	40		N=50.
<i>Chrysopogon fallax</i>	0.5	110		
<i>Corchorus sidoides</i> subsp. <i>sidoides</i>	0.1	30	KTF45-24=	
<i>Corchorus tridens</i>	0.1	25		
<i>Corymbia hamersleyana</i>	3	600		
<i>Cucumis melo</i>	0.1	40	KTF61-10	
<i>Cucumis picrocarpus</i>	0.1	25		
<i>Cucumis variabilis</i>	0.1	30		
<i>Cullen leucochaites</i>	0.1	25		
<i>Cullen pogonocarpum</i>	0.1	25	KTF61-02	
<i>Dactyloctenium radulans</i>	0.1	15		
<i>Digitaria brownii</i>	0.1	30		
<i>Duperreya commixta</i>	0.1	60		
<i>Dysphania rhadinostachya</i>	0.1	35		Sterile.
<i>Echinochloa colona</i>	0.1	30		N=10.
<i>Enneapogon caerulescens</i>	0.1	25		
<i>Enneapogon polyphyllus</i>	0.1	30		
<i>Eragrostis cumingii</i>	0.1	25		
<i>Eragrostis tenellula</i>	0.1	20		
<i>Eriachne aristidea</i>	0.1	30		
<i>Eriachne pulchella</i>	0.1	15		
<i>Eulalia aurea</i>	0.1	70		

Name	Cover (%)	Height (cm)	Specimen	Notes
<i>Euphorbia biconvexa</i>	0.25	35	KTF61-04	
<i>Euphorbia boophthona</i>	0.1	25		
<i>Euphorbia vaccaria</i> var. <i>vaccaria</i>	0.1	10	KTF61-03	
<i>Evolvulus alsinoides</i> var. <i>villosicalyx</i>	0.1	25		
<i>Gomphrena affinis</i> subsp. <i>pilbarensis</i>	0.1	25		
<i>Gomphrena cunninghamii</i>	0.1	15		
<i>Goodenia forrestii</i>	0.1	40		
<i>Goodenia heterochila</i>	0.25	25		
<i>Goodenia microptera</i>	0.1	25		
<i>Goodenia nuda</i>	0.1	40		N=1.
<i>Gossypium australe</i>	0.1	30		
<i>Grevillea wickhamii</i>	0.1	15		Sterile.
<i>Hibiscus sturtii</i> var. <i>grandiflorus</i>	0.1	35		
<i>Indigofera monophylla</i>	0.1	40		
<i>Ipomoea muelleri</i>	0.1	40		
<i>Iseilema membranaceum</i>	0.1	25	KTF61-01	
<i>Iseilema vaginiflorum</i>	0.1	25	KTF61-09	
<i>Maireana planifolia</i> x <i>villosa</i>	0.1	25	KTF61-11	
<i>Malvastrum americanum</i>	0.1	40		N=1.
<i>Notoleptopus decaisnei</i>	0.1	30		
<i>Paspalidium clementii</i>	0.1	25		
<i>Paspalidium rarum</i>	0.1	30		
<i>Perotis rara</i>	0.1	15		
<i>Phyllanthus erwinii</i>	0.1	20		
<i>Polymeria ambigua</i>	0.1	25		
<i>Portulaca oleracea</i>	0.1	15	KTF64-05=	
<i>Psydrax suaveolens</i>	0.1	40		
<i>Pterocaulon sphacelatum</i>	0.1	15		
<i>Ptilotus aevroides</i>	0.1	15		
<i>Ptilotus auriculifolius</i>	0.1	40		
<i>Ptilotus calostachyus</i>	0.1	80		
<i>Ptilotus exaltatus</i>	0.1	25		
<i>Ptilotus gaudichaudii</i>	0.1	35		
<i>Ptilotus obovatus</i> var. <i>obovatus</i>	0.1	60		
<i>Ptilotus obovatus</i> var. <i>obovatus</i>	0.1	15	KTF61-08	
<i>Ptilotus polystachyus</i>	0.1	40		
<i>Rhynchosia minima</i>	1	40		
<i>Rostellularia adscendens</i> var. <i>clementii</i>	0.1	25		
<i>Salsola australis</i>	0.1	25		
<i>Senna artemisioides</i> subsp. <i>oligophylla</i>	0.1	70		
<i>Senna notabilis</i>	0.1	25		
<i>Sida arsiniata</i>	0.1	30		
<i>Sida echinocarpa</i>	0.1	40	KTF61-05	
<i>Sida fibulifera</i>	0.1	15		
<i>Sida</i> sp. L (A.M. Ashby 4202) PN	0.1	25		
<i>Sida</i> sp. spiciform panicles (E. Leyland s.n. 14/8/90)	0.1	50		Ferruginous form.
<i>Sida spinosa</i>	0.1	40		
<i>Solanum diversiflorum</i>	0.1	30		
<i>Sporobolus australasicus</i>	0.1	20		
<i>Streptoglossa bubakii</i>	0.1	30		
<i>Streptoglossa decurrens</i>	0.1	10		
<i>Striga squamigera</i>	0.1	25	KTF61-06	
<i>Themeda triandra</i>	0.1	80		



Name	Cover (%)	Height (cm)	Specimen	Notes
<i>Tribulus macrocarpus</i>	0.1	35		
<i>Trichodesma zeylanicum</i> var. <i>zeylanicum</i>	0.1	30		
<i>Triodia epactia</i>	12	50		
<i>Triumfetta chaetocarpa</i>	0.1	30	KTF41-04=	
<i>Urochloa occidentalis</i> var. <i>occidentalis</i>	0.1	25		
<i>Vincetoxicum lineare</i>	0.1	90	KTF61-12	



Site KTF62  
 Described by PL/AL Date 25/4/2020  
 Type Quadrat 50 x 50 m  
 Central Coord 50 563470 mE, 7583270 mN  
 Habitat Major drainage (Fortescue River); riverbed site.  
 Soil Dark reddish brown loamy sand.  
 Rock Type Ironstone.  
 Vegetation *Eucalyptus victrix* low open woodland over *Melaleuca glomerata* tall open shrubland.  
 Veg Condition Excellent.  
 Fire Age Very long unburnt.  
 Notes Only NW corner pegged; high traffic, high water flow and difficult to hammer in droppers.  
 U1+ ^*Eucalyptus victrix*\^tree\6\r;M1 ^*Melaleuca glomerata*\^shrub\4\r.

Name	Cover (%)	Height (cm)	Specimen	Notes
<i>Lipocarpa microcephala</i>	0.1	5	KTF62-02	N=200. Formal ID by M. Hislop (WAH).
<i>Alternanthera angustifolia</i>	0.1	10		
<i>Alternanthera nodiflora</i>	0.1	30	KTF62-01	
<i>Arivela viscosa</i>	0.1	30		
<i>Eragrostis tenellula</i>	0.1	10		
<i>Eriachne benthamii</i>	0.1	80		
<i>Eucalyptus victrix</i>	3	800		
<i>Fimbristylis microcarya</i>	0.1	20		
<i>Glinus lotoides</i>	0.1	8		
<i>Goodenia lamprosperma</i>	0.1	25		
<i>Marsilea hirsuta</i>	0.1	8		
<i>Melaleuca glomerata</i>	8	600		
<i>Phyllanthus maderaspatensis</i>	0.1	30		
<i>Sesbania cannabina</i>	0.1	50		
<i>Stemodia grossa</i>	0.1	4		



Site KTF64  
 Described by PL/AL Date 19/4/2020  
 Type Quadrat 50 x 50 m  
 Central Coord 50 563923 mE, 7581237 mN  
 Habitat Slightly elevated clay plain  
 Soil Dark reddish brown silty clay loam.  
 Rock Type Ironstone.  
 Vegetation *Acacia macraneura*, (*A. citrinoviridis*) low woodland over *Acacia pruinocarpa* scattered tall shrubs over *Abutilon lepidum* scattered low shrubs over *Triodia epactia*, (*T. wiseana*) very open hummock grassland over *Arivela viscosa*, (*\*Bidens bipinnata*) very open herbland.  
 Veg Condition Very Good to Good: weeds present (mainly *\*Bidens*); cattle scats.  
 Fire Age Very long unburnt.  
 U1+ ^*Acacia macraneura*,*Acacia citrinoviridis*^tree\6i;M1 ^*Acacia pruinocarpa*^shrub\4\bi;M2 *Abutilon lepidum*\shrub\1\bi;G1 ^*Triodia epactia*,*Triodia wiseana*^hummock grass\1\r;G2 *Arivela viscosa*,*Bidens bipinnata*\forb\1\r.

Name	Cover (%)	Height (cm)	Specimen	Notes
<i>Abutilon lepidum</i>	0.5	70		Form 1.
<i>Acacia macraneura</i>	9	600	KTF64-01	Formal ID by M. Hislop (WAH) KTF12-01=
<i>Acacia citrinoviridis</i>	4	650		
<i>Acacia pruinocarpa</i>	0.5	210		
<i>Acacia pyrifolia</i> var. <i>pyrifolia</i>	0.1	120		
<i>Alternanthera angustifolia</i>	0.1	25		
<i>Alternanthera nana</i>	0.1	10		
<i>Alysicarpus muelleri</i>	0.1	40		
<i>Amaranthus induratus</i>	0.1	50	KTF64-15	
<i>Arivela viscosa</i>	7	60		
<i>Bidens bipinnata</i>	2	60		N=5000.
<i>Blumea tenella</i>	0.1	25		
<i>Boerhavia burbridgeana</i>	0.1	40		
<i>Boerhavia coccinea</i>	0.1	40		
<i>Boerhavia repleta</i>	0.25	30		
<i>Bulbostylis barbata</i>	0.1	15		
<i>Bulbostylis turbinata</i>	0.5	20		
<i>Calandrinia</i> sp.	0.1	8	KTF64-03	Sterile.
<i>Calotis plumulifera</i>	0.1	30	KTF64-12	
<i>Cenchrus ciliaris</i>	0.1	50		N=10.
<i>Cheilanthes sieberi</i> subsp. <i>sieberi</i>	0.1	20		
<i>Chloris pectinata</i>	0.1	30	KTF64-07	
<i>Chrysopogon fallax</i>	0.1	90		
<i>Convolvulus clementii</i>	0.1	60		
<i>Corchorus sidoides</i> subsp. <i>sidoides</i>	0.1	30	PL25=	
<i>Corchorus tridens</i>	0.1	25		
<i>Crotalaria medicaginea</i> var. <i>neglecta</i>	0.1	40		
<i>Cucumis melo</i>	0.1	60		
<i>Cucumis picrocarpus</i>	0.1	30		
<i>Cucumis variabilis</i>	0.1	70		
<i>Cullen leucochaites</i>	0.1	30		
<i>Cullen pogonocarpum</i>	0.1	30	KTF64-13	

Name	Cover (%)	Height (cm)	Specimen	Notes
<i>Dactyloctenium radulans</i>	0.1	10		
<i>Dichanthium sericeum</i> subsp. <i>humilius</i>	0.1	40		
<i>Digitaria ctenantha</i>	0.1	40		
<i>Duperreya commixta</i>	0.1	60		
<i>Dysphania kalpari</i>	0.1	40		
<i>Dysphania melanocarpa</i> forma <i>melanocarpa</i>	0.1	25		
<i>Enneapogon polyphyllus</i>	0.1	50		
<i>Eragrostis cumingii</i>	0.1	25		
<i>Eragrostis leptocarpa</i>	0.1	50	KTF64-11	
<i>Euphorbia biconvexa</i>	0.1	40	KTF63-03=	
<i>Euphorbia boophthona</i>	0.1	50		
<i>Evolvulus alsinoides</i> var. <i>villosicalyx</i>	0.1	25		
<i>Fimbristylis dichotoma</i>	0.1	30	KTF64-14	
<i>Glycine canescens</i>	0.1	50		
<i>Gomphrena affinis</i> subsp. <i>pilbarensis</i>	0.1	25		
<i>Gomphrena cunninghamii</i>	0.1	15		
<i>Goodenia microptera</i>	0.1	40		
<i>Goodenia prostrata</i>	0.1	15		
<i>Ipomoea muelleri</i>	0.1	50		
<i>Ipomoea polymorpha</i>	0.1	15		
<i>Iseilema membranaceum</i>	0.25	30	KTF64-06	
<i>Jasminum didymum</i> subsp. <i>lineare</i>	0.1	40		
<i>Malvastrum americanum</i>	0.1	50		N=40.
<i>Notoleptopus decaisnei</i>	0.25	40		
<i>Paspalidium clementii</i>	0.5	50		
<i>Paspalidium rarum</i>	0.1	35		
<i>Perotis rara</i>	0.25	20		
<i>Phyllanthus erwinii</i>	0.1	8		
<i>Portulaca pilosa</i> s. lat	0.1	10	KTF64-02	Formal ID by M. Hislop (WAH) KTF23-17=
<i>Portulaca oleracea</i>	0.1	15	KTF64-05	Small flower.
<i>Pterocaulon sphacelatum</i>	0.1	10		
<i>Ptilotus aevoides</i>	0.1	10		
<i>Ptilotus carinatus</i>	0.1	15		
<i>Ptilotus exaltatus</i>	0.1	40		
<i>Ptilotus gaudichaudii</i>	0.1	40		
<i>Ptilotus gomphrenoides</i>	0.1	25		
<i>Ptilotus xerophilus</i>	0.1	50		
<i>Rhynchosia minima</i>	0.1	40		
<i>Setaria dielsii</i>	0.1	60		
<i>Setaria verticillata</i>	0.1	60		N=50.
<i>Sida</i> sp. L (A.M. Ashby 4202) PN	0.1	20		
<i>Sida spinosa</i>	0.1	30		
<i>Sporobolus australasicus</i>	1	30		
<i>Streptoglossa bubakii</i>	0.1	30		
<i>Striga squamigera</i>	0.1	25	KTF64-04	
<i>Tephrosia rosea</i> s. lat	0.1	30	KTF64-09	Formal ID by M. Hislop (WAH) KTF50-32=
<i>Trianthema pilosum</i>	0.1	25		
<i>Tribulus astrocarpus</i>	0.1	10		
<i>Triodia epactia</i>	3	60		

Name	Cover (%)	Height (cm)	Specimen	Notes
<i>Triodia wiseana</i>	0.5	40		
<i>Urochloa occidentalis</i> var. <i>ciliata</i>	0.25	40		
<i>Urochloa occidentalis</i> var. <i>occidentalis</i>	0.5	40		
<i>Vincetoxicum lineare</i>	0.1	60		
<i>Waltheria indica</i>	0.1	30		



Site KTF65  
 Described by PL/AL Date 19/4/2020  
 Type Quadrat 50 x 50 m  
 Central Coord 50 565445 mE, 7568115 mN  
 Habitat Moderate drainage; braided flow channels.  
 Soil Dark reddish brown loamy sand.  
 Rock Type Ironstone.  
 Vegetation *Eucalyptus victrix* open woodland over *Corymbia hamersleyana*, *Atalaya hemiglauca* scattered low trees over *Grevillea wickhamii* subsp. *hispidula*, *Acacia tumida* var. *pilbarensis* scattered tall shrubs over *Corchorus crozophorifolius*, (*Indigofera monophylla*, *Tephrosia rosea* var. *Fortescue* creeks (M.I.H. Brooker 2186)) low open shrubland over *Triodia epactia* very open hummock grassland with *Eriachne tenuiculmis*, (*Cenchrus ciliaris*, *C. setiger*) very open tussock grassland.  
 Veg Condition Very Good: cattle scats; scattered *Cenchrus* spp.  
 Fire Age No sign of recent fire.  
 Notes U1+ *Eucalyptus victrix* \tree\7\r; U2 *Corymbia hamersleyana*, *Atalaya hemiglauca* \tree\6\bi; M1 *Grevillea wickhamii* subsp. *hispidula*, *Acacia tumida* var. *pilbarensis* \shrub\4\bi; M2 *Corchorus crozophorifolius*, *Indigofera monophylla*, *Tephrosia rosea* var. *Fortescue* creeks (M.I.H. Brooker 2186) \shrub\2\r; G1 *Triodia epactia* \hummock grass\1\r; G2 *Eriachne tenuiculmis*, *Cenchrus ciliaris*, *Cenchrus setiger* \tussock grass\1\r.

Name	Cover (%)	Height (cm)	Specimen	Notes
<i>Abutilon</i> sp. Pilbara (W.R. Barker 2025) PN	0.1	60		
<i>Acacia ancistrocarpa</i>	0.1	250		
<i>Acacia pyrifolia</i> var. <i>pyrifolia</i>	0.1	100		
<i>Acacia tumida</i> var. <i>pilbarensis</i>	0.5	250		
<i>Afrohybanthus aurantiacus</i>	0.1	40		
<i>Arivela viscosa</i>	0.1	30		
<i>Atalaya hemiglauca</i>	1	400		
<i>Boerhavia coccinea</i>	0.1	25		
<i>Bonamia pilbarensis</i>	0.1	35		
<i>Bulbostylis barbata</i>	0.1	15		
<i>Cenchrus ciliaris</i>	0.5	70		N=300 (many juveniles).
<i>Cenchrus setiger</i>	0.5	80		N=200.
<i>Corchorus crozophorifolius</i>	1.5	70		
<i>Corchorus sidoides</i> subsp. <i>sidoides</i>	0.1	30	PL25=	
<i>Corymbia hamersleyana</i>	1	400		
<i>Cucumis variabilis</i>	0.1	25		
<i>Cynanchum floribundum</i>	0.1	20	KTF65-04	2 colleters.
<i>Digitaria ctenantha</i>	0.1	40		
<i>Dysphania</i> sp.	0.1	10		Sterile, seedling.
<i>Eragrostis cumingii</i>	0.1	25		
<i>Eriachne pulchella</i>	0.25	15		
<i>Eriachne tenuiculmis</i>	4	50		
<i>Eucalyptus victrix</i>	6	1600		
<i>Euphorbia australis</i> var. <i>subtomentosa</i>	0.1	8		
<i>Euphorbia biconvexa</i>	0.1	40	KTF65-02	
<i>Euphorbia tannensis</i> subsp. <i>eremophila</i>	0.1	30		
<i>Evolvulus alsinoides</i> var. <i>villosicalyx</i>	0.1	15		
<i>Gomphrena cunninghamii</i>	0.1	15		

Name	Cover (%)	Height (cm)	Specimen	Notes
<i>Goodenia forrestii</i>	0.1	40		
<i>Goodenia nuda</i>	0.1	25		N=1.
<i>Gossypium australe</i>	0.1	15		
<i>Grevillea wickhamii</i> subsp. <i>hispidula</i>	1	300		
<i>Heliotropium cunninghamii</i>	0.1	25	KTF65-01	
<i>Indigofera monophylla</i>	0.5	50		
<i>Ipomoea muelleri</i>	0.1	50		
<i>Notoleptopus decaisnei</i>	0.1	10		
<i>Paspalidium clementii</i>	0.1	25		
<i>Pentalepis trichodesmoides</i> subsp. <i>trichodesmoides</i>	0.1	20	PL23=	
<i>Phyllanthus maderaspatensis</i>	0.1	30		
<i>Pluchea rubelliflora</i>	0.1	10		
<i>Polycarpaea holtzei</i>	0.1	5		
<i>Polymeria ambigua</i>	0.1	20		
<i>Pterocaulon sphacelatum</i>	0.1	5		
<i>Ptilotus exaltatus</i>	0.1	20		
<i>Ptilotus</i> sp.	0.1	10	KTF65-03	Inadequate material; juvenile.
<i>Senna artemisioides</i> subsp. <i>oligophylla</i>	0.1	90		
<i>Solanum diversiflorum</i>	0.1	40		
<i>Sporobolus australasicus</i>	0.1	15		
<i>Stemodia grossa</i>	0.1	5		
<i>Tephrosia rosea</i> var. <i>Fortescue creeks</i> (M.I.H. Brooker 2186)	0.25	50		
<i>Themeda triandra</i>	0.1	70		
<i>Tribulus hirsutus</i>	0.1	20		
<i>Trichodesma zeylanicum</i> var. <i>zeylanicum</i>	0.1	30		
<i>Triodia epactia</i>	8	50		
<i>Triodia wiseana</i>	0.1	60		
<i>Triumfetta chaetocarpa</i>	0.1	30		
<i>Waltheria indica</i>	0.1	15		



Site KTF66  
 Described by PL/AL Date 19/4/2020  
 Type Quadrat 50 x 50 m  
 Central Coord 50 565323 mE, 7565850 mN  
 Habitat Major drainage with defined channel; elsewhere a series of braided  
 Soil Dark reddish brown loamy sand.  
 Rock Type Ironstone.  
 Vegetation *Eucalyptus victrix* woodland over *Atalaya hemiglauca* scattered low trees over *Melaleuca glomerata* scattered shrubs over *Corchorus crozophorifolius*, *Indigofera monophylla*, *Tephrosia rosea* var. *Fortescue creeks* (M.I.H. Brooker 2186)) low open shrubland over \**Cenchrus ciliaris*, (\**C. setiger*, *Eriachne tenuiculmis*, *Cymbopogon ambiguus*) very open tussock grassland with *Triodia epactia* scattered hummock grasses.  
 Veg Condition Very Good: \**Cenchrus* spp. present.  
 Fire Age Burnt 3-5 years ago.  
 Notes Some *E. victrix* in site resemble *E. camaldulensis* in the colour and patterning of stem bark. Some parts may have been burnt 1-2 years ago; however species composition not dissimilar to pre-fire.  
 U1+ ^*Eucalyptus victrix*\^tree\7\i;U2 *Atalaya hemiglauca*\tree\6\bi;M1 *Melaleuca glomerata*\shrub\3\bi;M2 ^*Corchorus crozophorifolius*, ^*Indigofera monophylla*,*Tephrosia rosea* var. *Fortescue creeks* (M.I.H. Brooker 2186)\^shrub\2\r;G1 ^*Cenchrus ciliaris*,*Cenchrus setiger*,*Eriachne tenuiculmis*,*Cymbopogon ambiguus*\^tussock grass\1\r;G2 *Triodia epactia*\hummock grass\1\bi.

Name	Cover (%)	Height (cm)	Specimen	Notes
<i>Abutilon lepidum</i>	0.1	60		Form 4.
<i>Acacia bivenosa</i>	0.1	190		
<i>Acacia dictyophleba</i>	0.1	190		
<i>Acacia pyrifolia</i> var. <i>pyrifolia</i>	0.1	120		
<i>Acacia tumida</i> var. <i>pilbarensis</i>	0.1	250		
<i>Afrohybanthus aurantiacus</i>	0.1	25		
<i>Ammannia baccifera</i>	0.1	15		
<i>Ammannia multiflora</i>	0.1	25		
<i>Aristida contorta</i>	0.1	30		
<i>Aristida holathera</i> var. <i>holathera</i>	0.1	25		
<i>Arivela viscosa</i>	0.1	25		
<i>Atalaya hemiglauca</i>	1	600		
<i>Bergia pedicellaris</i>	0.1	8		
<i>Boerhavia coccinea</i>	0.1	40		
<i>Cenchrus ciliaris</i>	2	80		N=800.
<i>Cenchrus setiger</i>	1	80		N=300.
<i>Corchorus crozophorifolius</i>	1	70		
<i>Corchorus lasiocarpus</i> subsp. <i>parvus</i>	0.25	60		
<i>Corchorus tridens</i>	0.1	25		
<i>Crotalaria medicaginea</i> var. <i>neglecta</i>	0.1	25		
<i>Cullen pogonocarpum</i>	0.1	25	KTF24-02=	
<i>Cymbopogon ambiguus</i>	0.5	130		Procerus form.
<i>Cyperus iria</i>	0.1	30		
<i>Cyperus vaginatus</i>	0.1	70		
<i>Digitaria brownii</i>	0.1	50		
<i>Dysphania rhadinostachya</i>	0.1	20		Sterile.
<i>Enneapogon lindleyanus</i>	0.1	40		
<i>Eragrostis tenellula</i>	0.1	30		
<i>Eriachne aristidea</i>	0.1	30		
<i>Eriachne pulchella</i>	0.1	30	KTF66-01	



Name	Cover (%)	Height (cm)	Specimen	Notes
<i>Eriachne tenuiculmis</i>	1	40		
<i>Eucalyptus victrix</i>	20	1100		
<i>Eulalia aurea</i>	0.1	70		
<i>Euphorbia australis</i> var. <i>subtomentosa</i>	0.1	15		
<i>Euphorbia biconvexa</i>	0.1	30	KTF65-02=	
<i>Evolvulus alsinoides</i> var. <i>villosicalyx</i>	0.1	25		
<i>Fimbristylis microcarya</i>	0.1	20		
<i>Flaveria trinervia</i>	0.1	25		N=1.
<i>Gomphrena cunninghamii</i>	0.1	20		
<i>Goodenia lamprosperma</i>	0.1	30		
<i>Goodenia microptera</i>	0.1	35		
<i>Heliotropium tenuifolium</i>	0.1	40		
<i>Indigofera colutea</i>	0.1	25		
<i>Indigofera monophylla</i>	0.75	90		
<i>Ipomoea muelleri</i>	0.1	40		
<i>Melaleuca glomerata</i>	0.5	350		
<i>Notoleptopus decaisnei</i>	0.1	30		
<i>Paspalidium clementii</i>	0.1	25		
<i>Phyllanthus maderaspatensis</i>	0.1	60		
<i>Pluchea rubelliflora</i>	0.1	30		
<i>Polycarpaea holtzei</i>	0.1	8		
<i>Ptilotus exaltatus</i>	0.1	40		
<i>Ptilotus fusiformis</i>	0.1	30		
<i>Sida arsinata</i>	0.1	20		
<i>Sporobolus australasicus</i>	0.1	25		
<i>Stemodia grossa</i>	0.5	15		
<i>Tephrosia rosea</i> var. <i>Fortescue</i> creeks (M.I.H. Brooker 2186)	0.5	60		
<i>Tribulus hirsutus</i>	0.1	25		
<i>Trichodesma zeylanicum</i> var. <i>zeylanicum</i>	0.1	30		
<i>Triodia epactia</i>	1	50		
<i>Triodia wiseana</i>	0.1	40		
<i>Waltheria indica</i>	0.1	25		



Site KTF67  
 Described by PL/AL Date 19/4/2020  
 Type Quadrat 50 x 50 m  
 Central Coord 50 566058 mE, 7564910 mN  
 Habitat Major drainage with defined channel; elsewhere a series of braided  
 Soil Dark reddish brown loamy sand.  
 Rock Type Ironstone.  
 Vegetation *Eucalyptus victrix* open woodland over *Grevillea wickhamii* subsp. *hispidula* scattered tall shrubs over *Tephrosia rosea* var. *Fortescue* creeks (M.I.H. Brooker 2186), (*Indigofera monophylla*, *Corchorus crozophorifolius*, *C. lasiocarpus* subsp. *parvus*) low open shrubland over *Triodia epactia* scattered hummock grasses and *Cenchrus setiger*, *C. ciliaris*, *Cymbopogon ambiguus* scattered tussock grasses.  
 Veg Condition Very Good: *Cenchrus* spp. present.  
 Fire Age Burnt 1-2 years ago.  
 Notes Higher abundance of fire ephemerals (*Tephrosia rosea*, *Indigofera monophylla*, *Corchorus* spp.), however site not dissimilar from pre-fire state. *Triodia epactia* cover low due to fire. Would normally constitute a higher cover of *Acacia pyrifolia* var. *pyrifolia* and other large perennial shrubs.  
 U1+ ^*Eucalyptus victrix*\^tree\7\r;M1 *Grevillea wickhamii* subsp. *hispidula*\shrub\4\bi;M2 ^*Tephrosia rosea* var. *Fortescue* creeks (M.I.H. Brooker 2186),*Indigofera monophylla*,*Corchorus crozophorifolius*,*Corchorus lasiocarpus* subsp. *parvus*\^shrub\2\r;G1 ^*Triodia epactia*\^hummock grass\1\bi;G2 *Cenchrus setiger*,*Cenchrus ciliaris*,*Cymbopogon ambiguus*\tussock grass\1\bi.

Name	Cover:	Height:	Field No:	Notes
<i>Abutilon lepidum</i>	0.1	140		Form 4.
<i>Acacia dictyophleba</i>	0.1	190		
<i>Acacia pyrifolia</i> var. <i>pyrifolia</i>	0.1	120		
<i>Acacia tumida</i> var. <i>pilbarensis</i>	0.1	250		
<i>Afrohybanthus aurantiacus</i>	0.1	25		
<i>Aristida contorta</i>	0.1	30		
<i>Aristida holathera</i> var. <i>holathera</i>	0.1	25		
<i>Arivela viscosa</i>	0.5	25		
<i>Atalaya hemiglauca</i>	0.1	190		
<i>Boerhavia coccinea</i>	0.1	40		
<i>Bonamia pilbarensis</i>	0.1	25		
<i>Cenchrus ciliaris</i>	0.5	80		N=200.
<i>Cenchrus setiger</i>	1	80		N=300.
<i>Chrysopogon fallax</i>	0.1	90		
<i>Corchorus crozophorifolius</i>	1	70		
<i>Corchorus lasiocarpus</i> subsp. <i>parvus</i>	1	60		
<i>Corchorus tectus</i>	0.1	70	KTF67-01	
<i>Crotalaria medicaginea</i> var. <i>neglecta</i>	0.1	25		
<i>Cymbopogon ambiguus</i>	0.5	130	REL20-01=	Procerus form.
<i>Digitaria ctenantha</i>	0.1	40		
<i>Enneapogon lindleyanus</i>	0.1	40	KTF67-06	
<i>Enneapogon polyphyllus</i>	0.1	40		
<i>Eragrostis tenellula</i>	0.1	30		
<i>Eriachne aristidea</i>	0.1	30		
<i>Eriachne pulchella</i>	0.1	10		
<i>Eriachne tenuiculmis</i>	0.25	40		
<i>Eucalyptus victrix</i>	9	1100		

<i>Eulalia aurea</i>	0.1	80		
<i>Eulalia simonii</i>	0.1	70		N=4.
<i>Euphorbia australis</i> var. <i>subtomentosa</i>	0.1	15		
<i>Euphorbia biconvexa</i>	0.1	30	KTF65-02=	
<i>Euphorbia tannensis</i> subsp. <i>eremophila</i>	0.1	25		
<i>Evolvulus alsinoides</i> var. <i>villosicalyx</i>	0.1	25		
<i>Goodenia forrestii</i>	0.1	40		
<i>Goodenia lamprosperma</i>	0.1	30		
<i>Goodenia microptera</i>	0.1	35		
<i>Goodenia nuda</i>	0.1	30		N=6.
<i>Gossypium australe</i>	0.1	40		
<i>Gossypium robinsonii</i>	0.1	60		
<i>Grevillea pyramidalis</i> subsp. <i>leucadendron</i>	0.1	100		
<i>Grevillea wickhamii</i> subsp. <i>hispidula</i>	0.5	220		
<i>Heliotropium cunninghamii</i>	0.1	40	KTF67-03	
<i>Hibiscus coatesii</i>	0.1	40		
<i>Hibiscus sturtii</i> var. <i>platyklamys</i>	0.1	50		
<i>Indigofera monophylla</i>	2	90		
<i>Ipomoea muelleri</i>	0.1	40		
<i>Melhania oblongifolia</i>	0.1	25		
<i>Notoleptopus decaisnei</i>	0.1	30		
<i>Paspalidium clementii</i>	0.1	25		
<i>Phyllanthus maderaspatensis</i>	0.1	60		
<i>Polymeria ambigua</i>	0.1	25		
<i>Ptilotus astrolasius</i>	0.1	40		
<i>Ptilotus auriculifolius</i>	0.1	40		
<i>Ptilotus axillaris</i>	0.1	40	KTF67-04	
<i>Ptilotus calostachyus</i>	0.1	80		
<i>Ptilotus exaltatus</i>	0.1	40		
<i>Ptilotus fusiformis</i>	0.1	30		
<i>Rhynchosia minima</i>	0.1	30		
<i>Senna artemisioides</i> subsp. <i>helmsii</i>	0.1	60		
<i>Senna artemisioides</i> subsp. <i>oligophylla</i>	0.1	120	KTF67-05	
<i>Senna notabilis</i>	0.1	40		
<i>Sesbania cannabina</i>	0.1	25	KTF67-07	
<i>Sida echinocarpa</i>	0.1	60		
<i>Sida</i> sp. spiciform panicles (E. Leyland s.n. 14/8/90)	0.1	50		Ferruginous form.
<i>Solanum diversiflorum</i>	0.1	40		
<i>Sporobolus australasicus</i>	0.1	25		
<i>Stemodia grossa</i>	0.5	15		
<i>Tephrosia rosea</i> var. <i>Fortescue creeks</i> (M.I.H. Brooker 2186)	4	60		
<i>Themeda triandra</i>	0.25	90		
<i>Tribulus hirsutus</i>	0.1	25		
<i>Tribulus platypterus</i>	0.1	70		
<i>Trichodesma zeylanicum</i> var. <i>zeylanicum</i>	0.1	30		
<i>Triodia epactia</i>	1	50		
<i>Triumfetta chaetocarpa</i>	0.1	80	KTF67-02	

<i>Waltheria indica</i>	0.1	25		
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Site KTF68  
 Described by PL/AL Date 20/4/2020  
 Type Quadrat 50 x 50 m  
 Central Coord 50 546189 mE, 7602923 mN  
 Habitat Cracking clay plain.  
 Soil Dark reddish brown light clay; self-mulching; occasional crab holes.  
 Rock Type Basalt, ironstone.  
 Vegetation *Acacia xiphophylla* low woodland over *Triodia epactia* scattered hummock  
 grasses over *Eragrostis xerophila* scattered tussock grasses and *Sporobolus*  
*australasicus* scattered bunch grasses.  
 Veg Condition Very Good: cattle scats.  
 Fire Age Very long unburnt.  
 Notes Vegetation of conservation significance; associated with Wona Land System  
 and habitat for *Dipteracanthus* aff. *australasicus* (unusual taxon).  
 U1+ ^*Acacia xiphophylla*\^tree\6\i;G1 ^*Triodia epactia*\^hummock  
 grass\1\bi;G2 *Eragrostis xerophila*,*Sporobolus australasicus*\tussock

Name	Cover (%)	Height (cm)	Specimen	Notes
<i>Abutilon lepidum</i>	0.1	50		
<i>Abutilon malvifolium</i>	0.1	20		
<i>Abutilon</i> sp. Pilbara (W.R. Barker 2025) PN	0.1	30		
<i>Acacia xiphophylla</i>	26	500		
<i>Amaranthus cuspidifolius</i>	0.1	25	KTF68-02	
<i>Arivela viscosa</i>	0.1	30		
<i>Boerhavia burbridgeana</i>	0.1	30		
<i>Boerhavia coccinea</i>	0.1	30		
<i>Carissa lanceolata</i>	0.1	90		
<i>Corchorus tridens</i>	0.1	20		
<i>Cucumis picrocarpus</i>	0.1	25		
<i>Cucumis variabilis</i>	0.1	40		
<i>Cynodon convergens</i>	0.1	30	KTF68-10	
<i>Dipteracanthus</i> aff. <i>australasicus</i>	0.1	30	KTF68-11	Stem indumentum atypical. N=3.
<i>Duperreya commixta</i>	0.1	50		
<i>Enneapogon caerulescens</i>	0.1	30		
<i>Enneapogon polyphyllus</i>	0.1	30		
<i>Enteropogon ramosus</i>	0.1	50		
<i>Eragrostis xerophila</i>	1	30		
<i>Eriachne pulchella</i>	0.1	25		
<i>Hibiscus brachysiphonius</i>	0.1	25		
<i>Indigofera linifolia</i>	0.1	25		
<i>Maireana georgei</i>	0.1	25		
<i>Neptunia dimorphantha</i>	0.1	30	KTF68-04	
<i>Paspalidium clementii</i>	0.1	20		
<i>Phyllanthus maderaspatensis</i>	0.1	30		
<i>Portulaca pilosa</i> s. lat	0.1	10	KTF68-12	Formal ID by M. Hislop (WAH) KTF23-17=
<i>Portulaca conspicua</i>	0.1	5	KTF68-07	
<i>Portulaca intraterranea</i>	0.1	25	KTF68-03	
<i>Portulaca oleracea</i> /intraterranea	0.1	10		Small flower.
<i>Ptilotus aevoides</i>	0.1	5	KTF68-08	
<i>Ptilotus obovatus</i> var. <i>obovatus</i>	0.1	60		
<i>Rhagodia eremaea</i>	0.1	50		

Name	Cover (%)	Height (cm)	Specimen	Notes
<i>Salsola australis</i>	0.1	10		
<i>Senna artemisioides</i> subsp. <i>oligophylla</i>	0.1	40		
<i>Senna glutinosa</i> subsp. <i>x luerssenii</i>	0.1	160	KTF68-06	
<i>Senna hamersleyensis</i>	0.1	40	KTF68-01	
<i>Senna notabilis</i>	0.1	10		
<i>Sida</i> sp. (aff <i>fibulifera</i> )	0.1	25	KTF68-09	Submitted to WAH for formal ID-unable to ascertain ID.
<i>Sida spinosa</i>	0.1	25		
<i>Solanum diversiflorum</i>	0.1	40		
<i>Solanum lasiophyllum</i>	0.1	40		
<i>Sporobolus australasicus</i>	0.25	25		
<i>Streptoglossa bubakii</i>	0.1	30		
<i>Trianthema triquetrum</i>	0.1	25		
<i>Tribulus astrocarpus</i>	0.1	20		
<i>Tribulus hirsutus</i>	0.1	25		
<i>Triodia epactia</i>	1.5	50		



Site KTF69  
 Described by BRMMG Date 20/4/2020  
 Type Quadrat 50 x 50 m  
 Central Coord 50 564774 mE, 7573962 mN  
 Habitat Floodplain.  
 Soil Dark reddish brown sandy loam.  
 Rock Type Scattered ironstone gravel.  
 Vegetation *Acacia dictyophleba*, *A. inaequilatera*, *A. ancistrocarpa*, *Hakea lorea* subsp. *lorea* scattered tall shrubs over *Senna artemisioides* subsp. *oligophylla* x subsp. *helmsii*, *Ptilotus calostachyus* scattered shrubs over *Triodia epactia* hummock grassland with *Eulalia aurea*, (*Paraneurachne muelleri*, *\*Cenchrus ciliaris*) scattered tussock grasses.  
 Veg Condition Excellent.  
 Fire Age No sign of recent fire.  
 Notes Quadrat located in small apparently unburnt area, which is surrounded by area 'burnt 18 to 24 months ago'.  
 M1 ^*Acacia dictyophleba*,*Acacia inaequilatera*,*Acacia ancistrocarpa*,*Hakea lorea* subsp. *lorea* \^shrub\4\bi;M2 *Senna artemisioides* subsp. *oligophylla* x subsp. *helmsii*,*Ptilotus calostachyus* \shrub\3\bi;G1+ ^*Triodia epactia* \^hummock grass\1\c;G2 *Eulalia aurea*,*Paraneurachne muelleri*,*Cenchrus ciliaris* \tussock grass\1\bi.

Name	Cover (%)	Height (cm)	Specimen	Notes
<i>Abutilon</i> sp. Pilbara (W.R. Barker 2025) PN	0.1	10		
<i>Acacia ancistrocarpa</i>	0.25	300		
<i>Acacia citrinoviridis</i>	0.1	350		
<i>Acacia dictyophleba</i>	1	250		
<i>Acacia inaequilatera</i>	0.25	220		
<i>Aristida holathera</i> var. <i>holathera</i>	0.1	35	KTF69-03	
<i>Aristida inaequiglumis</i>	0.1	80	KTF69-10	
<i>Arivela viscosa</i>	0.1	35		
<i>Boerhavia coccinea</i>	0.1	30	KTF69-16	
<i>Bonamia pilbarensis</i>	0.1	20	KTF69-14	
<i>Bulbostylis barbata</i>	0.1	10		
<i>Cenchrus ciliaris</i>	0.5	30		N=60.
<i>Cenchrus setiger</i>	0.1	50		N=10.
<i>Chrysopogon fallax</i>	0.1	120		
<i>Corchorus sidoides</i> subsp. <i>sidoides</i>	0.1	20	KTF54-06=	
<i>Cucumis variabilis</i>	0.1	170		
<i>Cullen leucochaites</i>	0.1	100	KTF69-15	
<i>Cullen pogonocarpum</i>	0.1	20	KTF50-04=	
<i>Cymbopogon obtectus</i>	0.1	70	KTF69-11	
<i>Cynodon convergens</i>	0.1	50	KTF52-06=	
<i>Digitaria ctenantha</i>	0.1	40	KTF69-06	
<i>Dysphania rhadinostachya</i> subsp. <i>inflata</i>	0.1	12	KTF53-20=	
<i>Eragrostis eriopoda</i>	0.1	45	KTF69-01	
<i>Eriachne aristidea</i>	0.1	25		
<i>Eriachne pulchella</i>	0.1	20		
<i>Eulalia aurea</i>	1	60		
<i>Euphorbia biconvexa</i>	0.1	30	KTF53-05=	
<i>Euphorbia boophthona</i>	0.1	20	KTF54-01	
<i>Euphorbia vaccaria</i> var. <i>vaccaria</i>	0.1	3	KTF69-09	
<i>Gomphrena affinis</i> subsp.	0.1	20	KTF69-05	

Name	Cover (%)	Height (cm)	Specimen	Notes
<i>pilbarensis</i>				
<i>Gomphrena cunninghamii</i>	0.1	15		
<i>Goodenia forrestii</i>	0.1	45		
<i>Goodenia microptera</i>	0.1	20		
<i>Gossypium australe</i>	0.1	90		Burrup Peninsula form.
<i>Grevillea wickhamii</i> subsp. <i>hispidula</i>	0.1	450		
<i>Hakea lorea</i> subsp. <i>lorea</i>	0.5	240	KTF69-13	
<i>Heliotropium inexplicitum</i>	0.1	10	KTF54-10=	
<i>Hibiscus sturtii</i> var. <i>grandiflorus</i>	0.1	20	KTF69-12	
<i>Hibiscus sturtii</i> var. <i>platyklamys</i>	0.1	45	KTF52-23=	
<i>Indigofera colutea</i>	0.1	5		
<i>Notoleptopus decaisnei</i>	0.1	25		
<i>Paraneurachne muelleri</i>	0.5	40		
<i>Paspalidium clementii</i>	0.1	25	KTF69-08	
<i>Paspalidium rarum</i>	0.1	30	KTF69-04	
<i>Phyllanthus erwinii</i>	0.1	4		
<i>Portulaca oleracea</i> /intraterranea	0.1	6		
<i>Pterocaulon sphacelatum</i>	0.1	10	KTF50-44=	
<i>Ptilotus astrolasius</i>	0.1	15		
<i>Ptilotus calostachyus</i>	1	120		
<i>Ptilotus exaltatus</i>	0.1	15		
<i>Ptilotus gomphrenoides</i>	0.1	15		
<i>Ptilotus polystachyus</i>	0.1	12	KTF53-07=	
<i>Rhynchosia minima</i>	0.1	50		
<i>Senna artemisioides</i> subsp. <i>oligophylla</i> x subsp. <i>helmsii</i>	1	130	KTF69-02	Closer to straight subsp. <i>helmsii</i> , but not quite right.
<i>Senna notabilis</i>	0.1	20		
<i>Sida arsinata</i>	0.1	12	KTF69-07	
<i>Sporobolus australasicus</i>	0.1	30		
<i>Trianthema pilosum</i>	0.1	25		
<i>Tribulus hirsutus</i>	0.1	20		
<i>Tribulus macrocarpus</i>	0.1	10		
<i>Trichodesma zeylanicum</i> var. <i>zeylanicum</i>	0.1	15		
<i>Triodia epactia</i>	40	80		
<i>Yakirra australiensis</i> var. <i>australiensis</i>	0.1	5	KTF53-04=	





Site KTF70  
 Described by BRMMG Date 21/4/2020  
 Type Quadrat 50 x 50 m  
 Central Coord 50 569611 mE, 7533159 mN  
 Habitat Plain.  
 Soil Dark reddish brown clay.  
 Rock Type Calcrete.  
 Vegetation *Hakea lorea* subsp. *lorea* scattered low trees over \**Vachellia farnesiana* scattered tall shrubs over *Themeda* sp. Hamersley Station (M.E. Trudgen 11431) tussock grassland over *Cullen cinereum*, (*Indigofera linifolia*, *Polymeria longifolia*) open hermland.  
 Veg Condition Very Good: cattle grazing, scats and compacting; very occasional weeds.  
 Fire Age No sign of recent fire.  
 Notes U1 ^*Hakea lorea* subsp. *lorea* ^tree\6\bi; M1 ^*Vachellia farnesiana* ^shrub\4\bi; G1+ ^*Themeda* sp. Hamersley Station (M.E. Trudgen 11431) ^tussock grass\3\c; G2 *Cullen cinereum*, *Indigofera linifolia*, *Polymeria longifolia* \forb\1\i.

Name	Cover (%)	Height (cm)	Specimen	Notes
<i>Abutilon malvifolium</i>	0.1	40	KTF70-4,45	
<i>Acacia victoriae</i> subsp. <i>victoriae</i>	0.1	25	KTF70-41	
<i>Aristida latifolia</i>	0.1	30	KTF70-34	
<i>Arivela viscosa</i>	0.1	40		
<i>Boerhavia paludosa</i>	0.1	30	KTF70-17	
<i>Calotis multicaulis</i>	0.1	15	KTF70-36	N=2.
<i>Cenchrus ciliaris</i>	0.1	40		N=5.
<i>Chrysopogon fallax</i>	0.1	90		
<i>Convolvulus clementii</i>	0.1	30	KTF70-28	
<i>Corchorus tridens</i>	0.1	15	KTF70-21	
<i>Crotalaria dissitiflora</i> subsp. <i>benthamiana</i>	0.1	30	KTF70-13	
<i>Cucumis picrocarpus</i>	0.1	15	KTF70-06	
<i>Cullen cinereum</i>	8	20	KTF70-02	
<i>Cullen graveolens</i>	0.1	20	KTF70-27	
<i>Cynodon convergens</i>	0.1	25	KTF52-06=	
<i>Dactyloctenium radulans</i>	1	12		
<i>Dichanthium sericeum</i> subsp. <i>humilius</i>	0.1	40		
<i>Dolichocarpa</i> sp. Hamersley Station (A.A. Mitchell PRP 1479)	0.1	10	KTF70-24	N=200.
<i>Enneapogon polyphyllus</i>	0.1	15	KTF70-39	
<i>Eragrostis desertorum</i>	0.1	40	KTF70-37	
<i>Eremophila longifolia</i>	0.1	120		
<i>Euphorbia coghlanii</i>	0.1	20	KTF70-09	Formal ID by M. Hislop (WAH).
<i>Euphorbia inappendiculata</i> var. <i>queenslandica</i>	0.1	4	KTF70-12	N=15. Formal ID by M. Hislop (WAH).
<i>Euphorbia inappendiculata</i> var. <i>queenslandica</i>	0.1	2	KTF70-22	Formal ID by M. Hislop (WAH) KTF70-12=.
<i>Euphorbia australis</i> var. <i>glabra</i>	0.1	10	KTF70-31	N=15.
<i>Flaveria</i> sp. Tom Price (M.E. Trudgen 11246) PN	0.1	20	KTF70-33	N=2.
<i>Goodenia pascua</i>	0.1	10	KTF70-42	
<i>Hakea lorea</i> subsp. <i>lorea</i>	1.5	450	KTF70-07	
<i>Heliotropium conocarpum</i>	0.1	15	KTF70-05	
<i>Hibiscus verdcourtii</i>	0.1	40	KTF70-32	

Name	Cover (%)	Height (cm)	Specimen	Notes
<i>Indigofera linifolia</i>	3	40	KTF70-10	
<i>Iseilema dolichotrichum</i>	0.5	30	KTF04-16=	
<i>Panicum laevinode</i>	0.1	45	KTF70-3,40	
<i>Phyllanthus maderaspatensis</i>	0.1	20	KTF70-20	
<i>Polygala glaucifolia</i>	0.1	4	KTF70-23	
<i>Polymeria longifolia</i>	1	30	KTF70-14	
<i>Portulaca intraterranea</i>	0.1	25	KTF70-26	
<i>Pseudognaphalium luteoalbum</i>	0.1	10	KTF70-43	Sterile, juvenile.
<i>Pterocaulon sphacelatum</i>	0.1	30	KTF70-44	
<i>Ptilotus exaltatus</i>	0.1	25	KTF70-11	
<i>Ptilotus gomphrenoides</i>	0.1	10		
<i>Ptilotus xerophilus</i>	0.1	30		
<i>Rhynchosia minima</i>	0.1	20		
<i>Senecio magnificus</i>	0.1	60	KTF70-19	
<i>Senna stricta</i>	0.1	90	KTF70-18	
<i>Sida fibulifera</i>	0.1	20	KTF70-29	
<i>Sida spinosa</i>	0.1	12	KTF70-30	
<i>Solanum lasiophyllum</i>	0.1	45	KTF70-15	
<i>Streptoglossa</i> sp. Cracking clays (S. van Leeuwen et al. PBS 7353)	0.1	12	KTF70-38	Formal ID by M. Hislop (WAH)KTF22-02=
<i>Streptoglossa bubakii</i>	0.1	30		
<i>Themeda</i> sp. Hamersley Station (M.E. Trudgen 11431)	60	150	KTF70-01	
<i>Trichodesma zeylanicum</i> var. <i>zeylanicum</i>	0.1	10	KTF70-16	
<i>Urochloa occidentalis</i> var. <i>occidentalis</i>	0.5	15	KTF70-08	
<i>Vachellia farnesiana</i>	0.5	210		N=10.
<i>Vigna lanceolata</i> var. <i>lanceolata</i>	0.1	8	KTF70-35	
<i>Vigna</i> sp. Hamersley Clay (A.A. Mitchell PRP 113)	0.1	20		



Site KTF71  
 Described by PL/SC Date 23/5/2020  
 Type Quadrat 50 x 50 m  
 Central Coord 50 574542 mE, 7552845 mN  
 Habitat Low hill: crest and slopes.  
 Soil Dark reddish brown silty clay loam.  
 Rock Type Ironstone.  
 Vegetation *Eucalyptus leucophloia* subsp. *leucophloia*, (*Corymbia hamersleyana*) low open woodland over *Grevillea wickhamii* subsp. *hispidula* scattered shrubs over *Mirbelia viminialis*, *Acacia hilliana* scattered low shrubs over *Triodia wiseana* open hummock grassland and *Eriachne mucronata* scattered tussock grasses.  
 Veg Condition Excellent.  
 Fire Age No sign of recent fire.  
 Notes U1 ^*Eucalyptus leucophloia* subsp. *leucophloia*, *Corymbia hamersleyana* ^tree\6\r; M1 ^*Grevillea wickhamii* subsp. *hispidula* ^shrub\3\bi; M2 *Mirbelia viminialis*, *Acacia hilliana* ^shrub\1\bi; G1+ ^*Triodia wiseana* ^hummock grass\1\i G2 *Eriachne mucronata* ^tussock grass\1\bi.

Name	Cover (%)	Height (cm)	Specimen	Notes
<i>Acacia adoxa</i> var. <i>adoxo</i>	0.1	40		
<i>Acacia hilliana</i>	0.5	40		
<i>Arivela viscosa</i>	0.1	40		
<i>Bonamia pilbarensis</i>	0.1	8		
<i>Corchorus parviflorus</i>	0.1	60		
<i>Corymbia hamersleyana</i>	1	300		
<i>Dolichocarpa crouchiana</i>	0.1	30		
<i>Eriachne ciliata</i>	0.1	10		
<i>Eriachne mucronata</i>	0.25	40		Arid form.
<i>Eriachne mucronata</i>	0.25	40		Typical form. Erect hairs under sheaths.
<i>Eriachne pulchella</i>	0.1	10		
<i>Eucalyptus leucophloia</i> subsp. <i>leucophloia</i>	4	700		
<i>Euphorbia careyi</i>	0.1	30	KTF71-01	
<i>Fimbristylis dichotoma</i>	0.1	25		
<i>Goodenia stobbsiana</i>	0.1	50		
<i>Goodenia triodiophila</i>	0.1	40		
<i>Grevillea wickhamii</i> subsp. <i>hispidula</i>	1	140		
<i>Hakea chordophylla</i>	0.1	300		
<i>Jasminum didymum</i> subsp. <i>lineare</i>	0.1	100		
<i>Mirbelia viminialis</i>	1	40		
<i>Paspalidium clementii</i>	0.1	25		
<i>Ptilotus astrolasius</i>	0.1	10		
<i>Ptilotus calostachyus</i>	0.1	70		
<i>Ptilotus fusiformis</i>	0.1	40		
<i>Schizachyrium fragile</i>	0.1	8		
<i>Senna glutinosa</i> subsp. <i>glutinosa</i>	0.1	100		
<i>Senna notabilis</i>	0.1	30		
<i>Sida</i> sp. Articulation below (A.A. Mitchell PRP 1605)	0.1	160		
<i>Tephrosia oxalidea</i>	0.1	20		
<i>Themeda triandra</i>	0.1	60		

Name	Cover (%)	Height (cm)	Specimen	Notes
<i>Triodia epactia</i>	0.1	40		
<i>Triodia wiseana</i>	23	30		
<i>Waltheria virgata</i>	0.1	40		



Site KTF72  
 Described by RM/SY Date 20/4/2020  
 Type Quadrat 50 x 50 m  
 Central Coord 50 569474 mE, 7532802 mN  
 Habitat Clay plain.  
 Soil Dark reddish brown light clay.  
 Rock Type Calcrete.  
 Vegetation Themeda sp. Hamersley Station (M.E. Trudgen 11431) tussock grassland.  
 Veg Condition Very Good: signs of cattle.  
 Fire Age No sign of recent fire.  
 Notes G1+ ^Themeda sp. Hamersley Station (M.E. Trudgen 11431)\ ^tussock

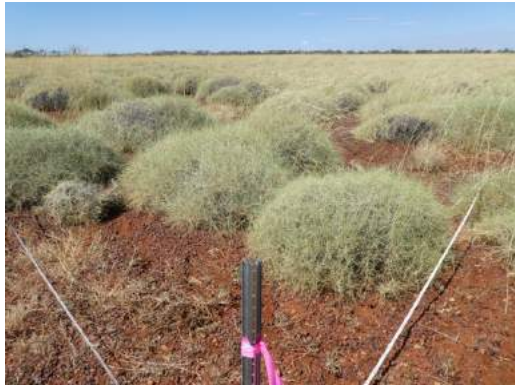
Name	Cover (%)	Height (cm)	Specimen	Notes
<i>Aristida holathera</i> var. <i>holathera</i>	0.1	70		
<i>Boerhavia burbidgeana</i>	0.1	30		
<i>Boerhavia paludosa</i>	0.1	15	KTF72-08	
<i>Calotis multicaulis</i>	0.1	20	KTF72-3,22	
<i>Calotis plumulifera</i>	0.1	15	KTF72-21	
<i>Chloris pectinata</i>	0.1	25	KTF07-20=	
<i>Chrysopogon fallax</i>	0.1	110		
<i>Convolvulus clementii</i>	0.1	20	KTF07-32=	
<i>Corchorus tridens</i>	0.1	20	KTF72-02	
<i>Crotalaria dissitiflora</i> subsp. <i>benthamiana</i>	0.1	30	KTF72-16	
<i>Cucumis picocarpus</i>	0.1	70	KTF72-12	
<i>Cullen cinereum</i>	0.1	20	KTF07-05=	
<i>Cynodon convergens</i>	0.1	20		
<i>Dichanthium sericeum</i> subsp. <i>humilius</i>	0.1	30		
<i>Dolichocarpa</i> sp. Hamersley Station (A.A. Mitchell PRP 1479)	0.1	20	KTF72-17	
<i>Dysphania rhadinostachya</i> subsp. <i>inflata</i>	0.1	5	KTF07-15=	
<i>Enneapogon polyphyllus</i>	0.1	30		
<i>Eragrostis tenellula</i>	0.1	30		
<i>Eriachne flaccida</i>	0.1	40	KTF59-04=	
<i>Euphorbia inappendiculata</i> var. <i>queenslandica</i>	0.1	15	KTF72-13	Formal ID by M. Hislop (WAH) KTF70-12=.
<i>Euphorbia australis</i> var. <i>glabra</i>	0.1	20	KTF72-05	
<i>Euphorbia trigonosperma</i>	0.1	20	KTF72-06	
<i>Glycine falcata</i>	0.1	20	KTF72-11	
<i>Goodenia forrestii</i>	0.1	30	KTF72-20	
<i>Goodenia microptera</i>	0.1	15		
<i>Hakea lorea</i> subsp. <i>lorea</i>	0.1	70	KTF27-11=	
<i>Heliotropium conocarpum</i>	0.1	20	KTF72-10	
<i>Hibiscus verdcourtii</i>	0.1	35	KTF72-15	
<i>Indigofera linifolia</i>	0.1	40		
<i>Iseilema macratherum</i>	0.1	30	KTF59-01=	
<i>Iseilema vaginiflorum</i>	0.1	20		
<i>Panicum laevinode</i>	0.1	30	KTF08-35=	
<i>Phyllanthus maderaspatensis</i>	0.1	30		
<i>Polymeria longifolia</i>	0.1	25	KTF72-04	
<i>Portulaca oleracea</i> /intraterranea	0.1	10		
<i>Pseudognaphalium luteoalbum</i>	0.1	20	KTF72-07	Sterile, juvenile.
<i>Ptilotus exaltatus</i>	0.1	5		

Name	Cover (%)	Height (cm)	Specimen	Notes
<i>Ptilotus gomphrenoides</i>	0.1	20	KTF72-19	
<i>Ptilotus helipteroides</i>	0.1	20	KTF07-11=	
<i>Ptilotus xerophilus</i>	0.1	20	KTF72-23	
<i>Rhynchosia minima</i>	0.1	30		
<i>Senna notabilis</i>	0.1	30		
<i>Sida spinosa</i>	0.1	30	KTF72-09	
<i>Sporobolus australasicus</i>	0.1	30		
<i>Streptoglossa</i> sp. Cracking clays ( <i>S. van Leeuwen</i> et al. PBS 7353)	0.1	15	KTF72-18	Formal ID by M. Hislop (WAH) KTF22-02=
<i>Themeda</i> sp. Hamersley Station (M.E. Trudgen 11431)	45	110		
<i>Trichodesma zeylanicum</i> var. <i>zeylanicum</i>	0.1	25		
<i>Triraphis mollis</i>	0.1	20		
<i>Urochloa occidentalis</i> var. <i>occidentalis</i>	0.1	45		
<i>Vigna</i> sp. Hamersley Clay (A.A. Mitchell PRP 113)	0.1	30	KTF72-01	



Site KTF73  
 Described by PL/AL Date 20/4/2020  
 Type Quadrat 50 x 50 m  
 Central Coord 50 540965 mE, 7603710 mN  
 Habitat Slightly elevated stony plain; isolated minor areas of crab holes.  
 Soil Dark reddish brown silty clay loam, self-mulching.  
 Rock Type Basalt.  
 Vegetation *Triodia wiseana* hummock grassland with *Eriachne flaccida*, (*Eragrostis xerophila*) scattered tussock grasses and *Neptunia dimorphantha*, *Stemodia kingii*, *Streptoglossa bubakii* scattered herbs.  
 Veg Condition Excellent.  
 Fire Age Very long unburnt.  
 Notes An odd unit however, seems extensive in landscape. Rhagada shells in site; 1 collection.  
 G1+ ^*Triodia wiseana* ^hummock grass\1\c;G2 ^*Eriachne flaccida*,*Eragrostis xerophila*,*Neptunia dimorphantha*,*Stemodia kingii*,*Streptoglossa bubakii*\tussock grass,forb\1\bi.

Name	Cover (%)	Height (cm)	Specimen	Notes
<i>Abutilon malvifolium</i>	0.1	20		
<i>Aristida latifolia</i>	0.1	40	KTF73-07	
<i>Arivela viscosa</i>	0.1	40		
<i>Boerhavia paludosa</i>	0.1	60		
<i>Bothriochloa ewartiana</i>	0.1	80	KTF73-05	
<i>Bulbostylis turbinata</i>	0.1	15		
<i>Chrysopogon fallax</i>	0.1	20		
<i>Corchorus tridens</i>	0.1	30		
<i>Dolichocarpa</i> sp. Hamersley Station (A.A. Mitchell PRP 1479)	0.1	10	KTF73-01	N=200.
<i>Dysphania kalpari</i>	0.1	15		
<i>Eragrostis tenellula</i>	0.1	25		
<i>Eragrostis xerophila</i>	0.25	60		
<i>Eriachne flaccida</i>	1	40	KTF73-04	
<i>Eriachne pulchella</i>	0.1	20		
<i>Euphorbia coghlanii</i>	0.1	15	KTF73-10	Formal ID by M. Hislop (WAH).
<i>Euphorbia inappendiculata</i> var. <i>inappendiculata</i>	0.1	20	KTF73-02	N=50   Formal ID by M. Hislop (WAH).
<i>Gomphrena affinis</i> subsp. <i>pilbarensis</i>	0.1	30		
<i>Indigofera colutea</i>	0.1	40		
<i>Indigofera linifolia</i>	0.1	25		
<i>Iseilema vaginiflorum</i>	0.1	25	KTF73-09	
<i>Neptunia dimorphantha</i>	0.25	20	KTF68-04=	
<i>Phyllanthus maderaspatensis</i>	0.1	30		
<i>Ptilotus gomphrenoides</i>	0.1	20		
<i>Rhynchosia minima</i>	0.1	40		
<i>Senna notabilis</i>	0.1	25		
<i>Sida fibulifera</i>	0.1	25		
<i>Sporobolus australasicus</i>	0.1	15		
<i>Stemodia kingii</i>	0.25	40		
<i>Streptoglossa bubakii</i>	0.25	40		
<i>Swainsona thompsoniana</i>	0.1	20	KTF73-08	
<i>Tephrosia</i> sp. clay soils (S. van Leeuwen et al. PBS 0273) PN	0.1	25	KTF73-06	
<i>Triodia wiseana</i>	50	90		





Site KTF74  
 Described by PL/AL Date 21/4/2020  
 Type Quadrat 50 x 50 m  
 Central Coord 50 542706 mE, 7603041 mN  
 Habitat Cracking clay plain.  
 Soil Dark reddish brown light clay; self-mulching, crab holes.  
 Rock Type Basalt.  
 Vegetation *Eriachne flaccida*, *Eragrostis xerophila* very open tussock grassland over *Cynodon convergens* very open bunch grassland.  
 Veg Condition Very Good: cattle scats.  
 Fire Age No sign of recent fire.  
 Notes G1+ ^*Eriachne flaccida*, ^*Eragrostis xerophila* ^tussock grass\1\r; G2 *Cynodon convergens* \other grass\1\r.

Name	Cover (%)	Height (cm)	Specimen	Notes
<i>Abutilon malvifolium</i>	0.1	25		
<i>Abutilon otocarpum</i>	0.1	30		
<i>Aeschynomene indica</i>	0.1	50		
<i>Alternanthera nodiflora</i>	0.1	30		
<i>Alysicarpus muelleri</i>	0.1	25		
<i>Ammannia multiflora</i>	0.1	10		
<i>Aristida latifolia</i>	0.1	100	KTF74-09	
<i>Astrebla elymoides</i>	0.1	60	PL31=	N=3.
<i>Austrobryonia pilbarensis</i>	0.1	20	KTF74-12	
<i>Bergia pedicellaris</i>	0.1	10		
<i>Boerhavia paludosa</i>	0.1	60		
<i>Bulbostylis turbinata</i>	0.1	25		
<i>Centipeda minima</i> subsp. <i>macrocephala</i>	0.1	8	KTF74-07	
<i>Corchorus tridens</i>	0.1	20		
<i>Crotalaria dissitiflora</i> subsp. <i>benthamiana</i>	0.1	35	KTF74-02	
<i>Cucumis picrocarpus</i>	0.1	30		
<i>Cullen cinereum</i>	0.1	30	KTF74-01	
<i>Cynodon convergens</i>	2	40		
<i>Cyperus iria</i>	0.1	25		
<i>Grona muelleri</i>	0.1	30	KTF74-03	
<i>Dichanthium sericeum</i> subsp. <i>humilius</i>	0.1	50		
<i>Dichanthium sericeum</i> subsp. <i>sericeum</i>	0.1	50	KTF74-04	
<i>Dolichocarpa</i> sp. Hamersley Station (A.A. Mitchell PRP 1479)	0.1	10		N=60.
<i>Elytrophorus spicatus</i>	0.1	15		
<i>Eragrostis tenellula</i>	0.25	40	KTF74-05	
<i>Eragrostis xerophila</i>	4	40		
<i>Eriachne flaccida</i>	6	50	KTF73-04=	
<i>Euphorbia biconvexa</i>	0.1	30	KTF74-11	
<i>Gomphrena affinis</i> subsp. <i>pilbarensis</i>	0.1	30		
<i>Heliotropium conocarpum</i>	0.1	10	KTF74-10	
<i>Hibiscus verdcourtii</i>	0.1	30		
<i>Indigofera linifolia</i>	0.1	25		
<i>Indigofera trita</i> subsp. <i>trita</i>	0.1	30		
<i>Ipomoea coptica</i>	0.1	25		
<i>Ipomoea lonchophylla</i>	0.1	30		
<i>Ipomoea polymorpha</i>	0.1	15		
<i>Iseilema macratherum</i>	0.25	40	KTF74-13	

<i>Lotus cruentus</i>	0.1	25	KTF74-06	
<i>Marsilea hirsuta</i>	0.1	10		
<i>Mimulus gracilis</i>	0.1	10		
<i>Neptunia dimorphantha</i>	0.1	25	KTF68-04=	
<i>Operculina aequisepala</i>	0.1	40		
<i>Panicum laevinode</i>	0.1	80	KTF74-08	
<i>Phyllanthus maderaspatensis</i>	0.1	40		
<i>Portulaca oleracea/intraterranea</i>	0.1	20		Small flower.
<i>Ptilotus auriculifolius</i>	0.1	25		
<i>Ptilotus exaltatus</i>	0.1	20		
<i>Ptilotus gomphrenoides</i>	0.1	25		
<i>Rhynchosia minima</i>	0.1	40		
<i>Sida fibulifera</i>	0.1	25		
<i>Sida spinosa</i>	0.1	25		
<i>Sporobolus australasicus</i>	0.25	30		
<i>Stemodia kingii</i>	0.1	40		
<i>Streptoglossa bubakii</i>	0.1	30		
<i>Tribulus hirsutus</i>	0.1	20		
<i>Vigna</i> sp. Hamersley Clay (A.A. Mitchell PRP 113)	0.1	30		



Site KTF75  
 Described by BRM/RM Date 23/5/2020  
 Type Quadrat 50 x 50 m  
 Central Coord 50 570167 mE, 7542266 mN  
 Habitat Gentle E-facing slope of range.  
 Soil Dark reddish brown sandy clay loam.  
 Rock Type Ironstone.  
 Vegetation *Corymbia deserticola* subsp. *deserticola* scattered low trees over *Senna glutinosa* subsp. *pruinosa* scattered shrubs over *Triodia wiseana* open hummock grassland.  
 Veg Condition Excellent.  
 Fire Age Burnt 2-3 years ago.  
 Notes U1 ^*Corymbia deserticola* subsp. *deserticola* ^tree\6\bi;M1 ^*Senna glutinosa* subsp. *pruinosa* ^shrub\3\bi;G1+ ^*Triodia wiseana* ^hummock

Name	Cover (%)	Height (cm)	Specimen	Notes
<i>Acacia adoxa</i> var. <i>adoxo</i>	0.1	30		
<i>Acacia inaequilatera</i>	0.1	50		
<i>Acacia ptychophylla</i>	0.1	60	KTF75-05	
<i>Acacia tenuissima</i>	0.1	50	KTF75-08	
<i>Amphipogon sericeus</i>	0.1	25	KTF75-04	
<i>Bonamia pilbarensis</i>	0.1	50	KTF75-07	
<i>Corymbia deserticola</i> subsp. <i>deserticola</i>	1	550		
<i>Eriachne ciliata</i>	0.1	20	KTF75-02	
<i>Eriachne pulchella</i>	0.1	10		
<i>Eucalyptus leucophloia</i> subsp. <i>leucophloia</i>	0.1	90		Juvenile.
<i>Fimbristylis simulans</i>	0.1	20	KTF75-01	
<i>Gompholobium oreophilum</i>	0.1	40		
<i>Goodenia stobbsiana</i>	0.1	30		
<i>Grevillea wickhamii</i>	0.1	50		Juvenile.
<i>Hakea chordophylla</i>	0.1	90		
<i>Hibiscus sturtii</i> var. <i>campylochlamys</i>	0.1	20	KTF75-10	
<i>Ptilotus calostachyus</i>	0.1	70		
<i>Schizachyrium fragile</i>	0.1	15		
<i>Senna glutinosa</i> subsp. <i>glutinosa</i>	0.1	50		
<i>Senna glutinosa</i> subsp. <i>pruinosa</i>	0.5	120		
<i>Seringia nephrosperma</i>	0.1	5	KTF75-06	
<i>Sida arenicola</i>	0.1	10	KTF75-03	
<i>Sida</i> sp. Pilbara (A.A. Mitchell PRP 1543)	0.1	20	KTF75-11	
<i>Themeda</i> sp. Mt Barricade (M.E. Trudgen 2471)	0.1	30	KTF75-09	
<i>Triodia wiseana</i>	12	20		



Site KTF76  
 Described by PL/SC Date 23/5/2020  
 Type Quadrat 50 x 50 m  
 Central Coord 50 574409 mE, 7553029 mN  
 Habitat Hill slope.  
 Soil Dark reddish brown silty clay loam.  
 Rock Type Ironstone.  
 Vegetation *Eucalyptus leucophloia* subsp. *leucophloia* low open woodland over *Acacia hilliana*, *A. adoxa* var. *adoxo* scattered low shrubs over *Triodia wiseana* very open hummock grassland with *Eriachne mucronata* scattered tussock  
 Veg Condition Excellent.  
 Fire Age Burnt 3-5 years ago.  
 Notes U1 ^*Eucalyptus leucophloia* subsp. *leucophloia* ^tree\6\r;M1 ^*Acacia hilliana*, ^*Acacia adoxa* var. *adoxo* ^shrub\1\bi;G1+ ^*Triodia wiseana* ^hummock grass\1\r;G2 *Eriachne mucronata* \tussock grass\1\bi.

Name	Cover (%)	Height (cm)	Specimen	Notes
<i>Acacia adoxa</i> var. <i>adoxo</i>	0.25	40		
<i>Acacia hilliana</i>	0.5	50		
<i>Acacia inaequilatera</i>	0.1	100		
<i>Acacia monticola</i>	0.1	50		
<i>Arivela viscosa</i>	0.1	40		
<i>Bonamia pilbarensis</i>	0.1	15		
<i>Clerodendrum floribundum</i> var. <i>angustifolium</i>	0.1	160		
<i>Corymbia hamersleyana</i>	0.1	300		
<i>Dolichocarpa crouchiana</i>	0.1	15		
<i>Eriachne aristidea</i>	0.1	30		
<i>Eriachne ciliata</i>	0.1	15		
<i>Eriachne mucronata</i>	0.25	40		Typical form. Erect hairs under sheaths.
<i>Eriachne pulchella</i>	0.1	15		
<i>Eucalyptus leucophloia</i> subsp. <i>leucophloia</i>	3	400		
<i>Fimbristylis dichotoma</i>	0.1	25		
<i>Goodenia microptera</i>	0.1	30		
<i>Goodenia triodiophila</i>	0.1	40		
<i>Hakea chordophylla</i>	0.1	90		
<i>Indigofera monophylla</i>	0.1	40		
<i>Paspalidium clementii</i>	0.1	20		
<i>Polycarpaea holtzei</i>	0.1	8		
<i>Ptilotus clementii</i>	0.1	5		
<i>Ptilotus fusiformis</i>	0.1	50		
<i>Schizachyrium fragile</i>	0.1	25		
<i>Senna glutinosa</i> subsp. <i>glutinosa</i>	0.1	40		
<i>Sida</i> sp. Pilbara (A.A. Mitchell PRP 1543)	0.1	40		Ferruginous form.
<i>Themeda triandra</i>	0.1	60		
<i>Trigastrotheca molluginea</i>	0.1	20		
<i>Triodia wiseana</i>	9	40		
<i>Triumfetta chaetocarpa</i>	0.1	40	KTF76-01	



Site KTF77  
 Described by BRM/RM Date 23/5/2020  
 Type Quadrat 50 x 50 m  
 Central Coord 50 573157 mE, 7549218 mN  
 Habitat Moderate spur, E-facing.  
 Soil Dark reddish brown sandy clay loam.  
 Rock Type Ironstone.  
 Vegetation *Eucalyptus leucophloia* subsp. *leucophloia* low open woodland over *Triodia wiseana* hummock grassland.  
 Veg Condition Excellent.  
 Fire Age No sign of recent fire.  
 Notes U1 ^*Eucalyptus leucophloia* subsp. *leucophloia* ^tree\6\r;G1+ ^*Triodia wiseana* ^hummock grass\1\c.

Name	Cover (%)	Height (cm)	Specimen	Notes
<i>Acacia dictyophleba</i>	0.1	130		
<i>Acacia maitlandii</i>	0.1	50		
<i>Acacia pruinocarpa</i>	0.1	170		
<i>Aristida contorta</i>	0.1	25	KTF77-04	
<i>Arivela viscosa</i>	0.1	5		
<i>Corymbia hamersleyana</i>	0.1	90		
<i>Cymbopogon</i> sp.	0.1	20		Dead.
<i>Dampiera candidans</i>	0.1	45		
<i>Dolichocarpa crouchiana</i>	0.1	10	KTF77-03	
<i>Duperreya commixta</i>	0.1	50		
<i>Eriachne ciliata</i>	0.1	20	KTF75-02=	
<i>Eriachne mucronata</i>	0.1	40		Typical form. Erect hairs under sheaths.
<i>Eriachne pulchella</i>	0.1	12		
<i>Eucalyptus leucophloia</i> subsp. <i>leucophloia</i>	3	600		
<i>Goodenia cusackiana</i>	0.1	15		
<i>Goodenia stobbsiana</i>	0.1	25		
<i>Hakea chordophylla</i>	0.1	230		
<i>Jasminum didymum</i> subsp. <i>lineare</i>	0.1	120		
<i>Paspalidium clementii</i>	0.1	10	KTF77-01	
<i>Ptilotus exaltatus</i>	0.1	5		
<i>Senna artemisioides</i> subsp. <i>oligophylla</i>	0.1	90	KTF77-05	
<i>Senna glutinosa</i> subsp. <i>glutinosa</i>	0.1	90		
<i>Sida</i> sp. Shovelanna Hill (S. van Leeuwen 3842)	0.1	20	KTF77-02	
<i>Trachymene oleracea</i> subsp. <i>oleracea</i>	0.1	5		
<i>Triodia wiseana</i>	45	40		



Site KTF78  
 Described by PL/SC Date 24/5/2020  
 Type Quadrat 50 x 50 m  
 Central Coord 50 572218 mE, 7556002 mN  
 Habitat Semi calcareous floodplain.  
 Soil Reddish brown silty clay loam.  
 Rock Type Calcrete.  
 Vegetation *Eucalyptus xerothermica* scattered low trees over *Acacia bivenosa* open shrubland over *Triodia angusta*, (*T. wiseana*) open hummock grassland with *Eulalia aurea*, (*Eragrostis desertorum*) scattered tussock grasses.  
 Veg Condition Very Good: signs of cattle.  
 Fire Age Very long unburnt.  
 Notes U1 ^*Eucalyptus xerothermica* ^tree\6\bi;M1 ^*Acacia bivenosa* ^shrub\3\r;G1+ ^*Triodia angusta*,*Triodia wiseana* ^hummock grass\1\i;G2 *Eulalia aurea*,*Eragrostis desertorum* \tussock grass\1\bi.

Name	Cover (%)	Height (cm)	Specimen
<i>Acacia bivenosa</i>	5	140	
<i>Cassytha capillaris</i>	0.1	40	
<i>Codonocarpus cotinifolius</i>	0.1	60	
<i>Eragrostis desertorum</i>	0.25	40	KTF78-01
<i>Eucalyptus xerothermica</i>	2	600	
<i>Eulalia aurea</i>	1	70	
<i>Santalum lanceolatum</i>	0.1	140	
<i>Scaevola amblyanthera</i> var. <i>centralis</i>	0.1	10	KTF78-02
<i>Triodia angusta</i>	28	50	
<i>Triodia wiseana</i>	1	60	

