



# **Appendix D    Flora Likelihood of Occurrence Assessment**

## **Detailed Flora and Vegetation Assessment**

**Turner River Consolidated**

**Fortescue Ltd**

SLR Project No.: 675.72502.00001

5 February 2025

Taxon	Conservation Status		Database			Distance to Nearest Record (km)	Flowering Period	Preferred Habitat	Pre-Survey Likelihood of Occurrence	Habitat occurs within the Survey Area (updated post survey)	Post-Survey Likelihood of Occurrence
	DBCA	EPBC	Fortescue	TPFL	WAHerb						
<i>Quooya zonalis</i>	T	EN	✓	✓	✓	20.31	Aug	Rocky ironstone or granite or conglomerate steep hill slopes. <sup>2</sup>	Low	No, wrong granite substrate and landform	Low
<i>Acacia leeuweniana</i>	P1	-	-	✓	✓	5.35	Apr - May	Gritty, skeletal red-grey sandy loam, light orange-brown gravelly sand, granite. In rock fissures in outcrops, among boulders. <sup>2</sup>	High	Technically, although not to the right extent	Low
<i>Corchorus</i> sp. Yarrie (J. Bull & D. Roberts CAL 01.05)	P1	-	-	-	✓	70	-	Granite boulders and outcroppings	Low	Yes	Low
<i>Josephinia</i> sp. Woodstock (A.A. Mitchell PRP 989)	P1	-	-	-	✓	43.87	May - Nov	Red-brown clay loam. Plains, crabhole plains, granitic landscapes. <sup>2</sup>	Low	No	Low
<i>Themeda</i> sp. Panorama (J. Nelson et al. NS 102)	P1	-	✓	-	✓	26.11	May	Steep rocky slopes <sup>2</sup>	Low	No	Low
<i>Euphorbia inappendiculata</i> var. <i>inappendiculata</i>	P2	-	-	-	✓	58	-	Cracking clays and drainage	Low	No	Low
<i>Abutilon</i> sp. Pritzelianum (S. van Leeuwen 5095)	P3	-	✓	-	✓	13.84	Jun, Aug - Sep	Sandy plains. <sup>2</sup> Often grows on disturbance like roadsides.	High	Yes	Medium
<i>Acacia levata</i>	P3	-	-	✓	✓	11.1	May	Sand or sandy loam over granite. Hillslopes. <sup>2</sup>	High	Yes	Medium
<i>Dolichocarpa</i> sp. Hamersley Station (A.A. Mitchell PRP 1479)	P3	-	-	-	✓	57	-	Cracking clay pans	Low	No	Low
<i>Euphorbia clementii</i>	P3	-	✓	✓	✓	5.22	-	Gravelly hillsides, stony grounds. <sup>2</sup> Post burn ephemeral.	High	Yes	Recorded
<i>Euploca mutica</i>	P3	-	✓	-	✓	Occurs within Survey Area	-	Flat sandplains. <sup>2</sup>	Recorded	Yes	Recorded
<i>Gomphrena leptophylla</i>	P3	-	✓	-	✓	Occurs within Survey Area	Mar - Sep	Sand, sandy to clayey loam, granite, quartzite. Open flats, sandy creek beds, edges salt pans and marshes, stony hillsides. <sup>2</sup>	Recorded	Yes	Low (taxonomic uncertainty)
<i>Gymnanthera cunninghamii</i>	P3	-	✓	✓	✓	Occurs within Survey Area	Jan - Dec	Sandy soils. <sup>2</sup>	Recorded	Yes	Recorded
<i>Heliotropium murinum</i>	P3	-	-	-	✓	39.31	May or Sep	Red sand. Plains. <sup>2</sup>	Low	Yes	Low
<i>Nicotiana umbratica</i>	P3	-	✓	-	✓	Occurs within Survey Area	Apr - Jun	Shallow soils. Rocky outcrops. <sup>2</sup>	Recorded	Yes	Recorded
<i>Phyllanthus hebecarpus</i>	P3	-	✓	-	✓	Occurs within Survey Area	N/A	Granite boulders, granite outcrop, rock land, slopes. <sup>2</sup>	Recorded	Yes	Recorded
<i>Rothia indica</i> subsp. <i>australis</i>	P3	-	✓	-	✓	6.69	Apr - Aug	Sandy soils. Sandhills and sandy flats. <sup>2</sup>	High	Yes	Recorded
<i>Stylidium weeliwolli</i>	P3	-	✓	-	✓	23.11	Aug - Sep	Gritty sand soil, sandy clay. Edge of watercourses. <sup>2</sup>	Medium	Yes	Medium
<i>Terminalia supranitifolia</i>	P3	-	✓	-	✓	9.77	-	Sand. Among basalt rocks. Hill tops. <sup>2</sup>	Medium	No	Low
<i>Triodia basitricha</i>	P3	-	✓	-	✓	30.23	N/A	Stony ground, gravelly hill, crests, hills, in gorges. <sup>2</sup>	High	Yes	Recorded
<i>Triodia chichesterensis</i>	P3	-	✓	-	✓	5.22	-	Flat plains, light sandy soil, hill slopes, stony soil. <sup>2</sup>	High	Yes	Recorded
<i>Vigna triodiophila</i>	P3	-	-	-	✓	11.56	-	Stony red-brown clay loam. Among boulders, steep slopes. <sup>2</sup>	High	No	Low
<i>Bulbostylis burbidgeae</i>	P4	-	✓	✓	✓	Occurs within Survey Area	Mar or Jun - Aug	Granitic soils. Granite outcrops, cliff bases. <sup>2</sup>	Recorded	Yes	Recorded
<i>Ptilotus mollis</i>	P4	-	✓	-	✓	25.97	May or Sep	Stony hills and screes. <sup>2</sup>	Medium	Yes	Recorded