

Ironbark



Landform	Plateau high plains and erosional plains. Low hills and plateaus of limestone.
Woody vegetation	Ironbark woodlands or forests with associated ghost gum, bloodwoods (long fruited, rough-leaved) and beefwood.
Expected pasture composition	<i>* Denotes non-native "Expected Pasture Composition" species.</i>
Preferred	Black speargrass, giant speargrass, kangaroo grass, forest bluegrass, desert bluegrass, Queensland bluegrass, plume sorghum.
Intermediate	Pitted bluegrass, golden beard grass, white speargrass, red Natal grass*, silky oil grass, lovegrasses, Indian couch*, wanderrie grass.
Non-preferred	Reed grass, canegrass, wiregrasses.
Annual grasses	Panic grasses, comet grass, sandstone panic, Australian dropseed, fire grass.
Common forbs	Nutgrasses, sedges, spike rushes.
Suitable sown pastures	Oversow with legumes; shrubby stylo (e.g. Seca), Caribbean stylo (e.g. Verano).
Introduced weeds	Chinee apple, rubbervine, grader grass.
Soil	Sandy loam; brown, yellow and red soils.
Description	Surface: Loam; Surface texture: varies from loose to hard-setting; Subsoil texture: light/medium clay at varying depths.
Features	Drainage is hugely variable, surface consistence varies from loose to hard-setting.
Water availability	Low to moderate. Limited except after major wetting event.

Rooting depth

Moderate to deep.

Infiltration

On deeper loam surface soils; moderate to low initially on a dry soil profile, slowing to low levels after 25-35 mm. On hard setting soils; low with water- ponding following 5mm of rain or less as the surface seals.

Fertility

Low to Moderate. Areas of marginal phosphorous.

Salinity

Low; may increase with depth when heavier textured clays are present.

Sodicity

Low; may increase with depth when heavier textured clays are present.

pH

Medium acid to neutral.

Long-term carrying capacity information (A condition)

Based on fully watered area for 1AE = 450 kg animal consuming 8kg DM/day

Median annual rainfall 692 – 739 mm

Pasture type	Median tree cover (TBA m ² /ha) (FPC %)	Median annual pasture growth (DM kg/ha)	Safe annual utilisation pasture growth (%)	LTCC (ha/AE)
Native species	0 TBA/FPC	3150 - 4540	15%	4.3 – 6.2
	10 TBA 25 FPC	1850 - 3060	15%	6.4 – 11

Enterprise

Breeding.

Land use and management recommendations

- Use fire judiciously as a tool to control woody species.
- Maintenance of ground cover to minimise shrub invasion and erosion.

Land use limitations

- Timber thickening can limit productivity.

Conservation features and related management

- Not of significant conservation value.

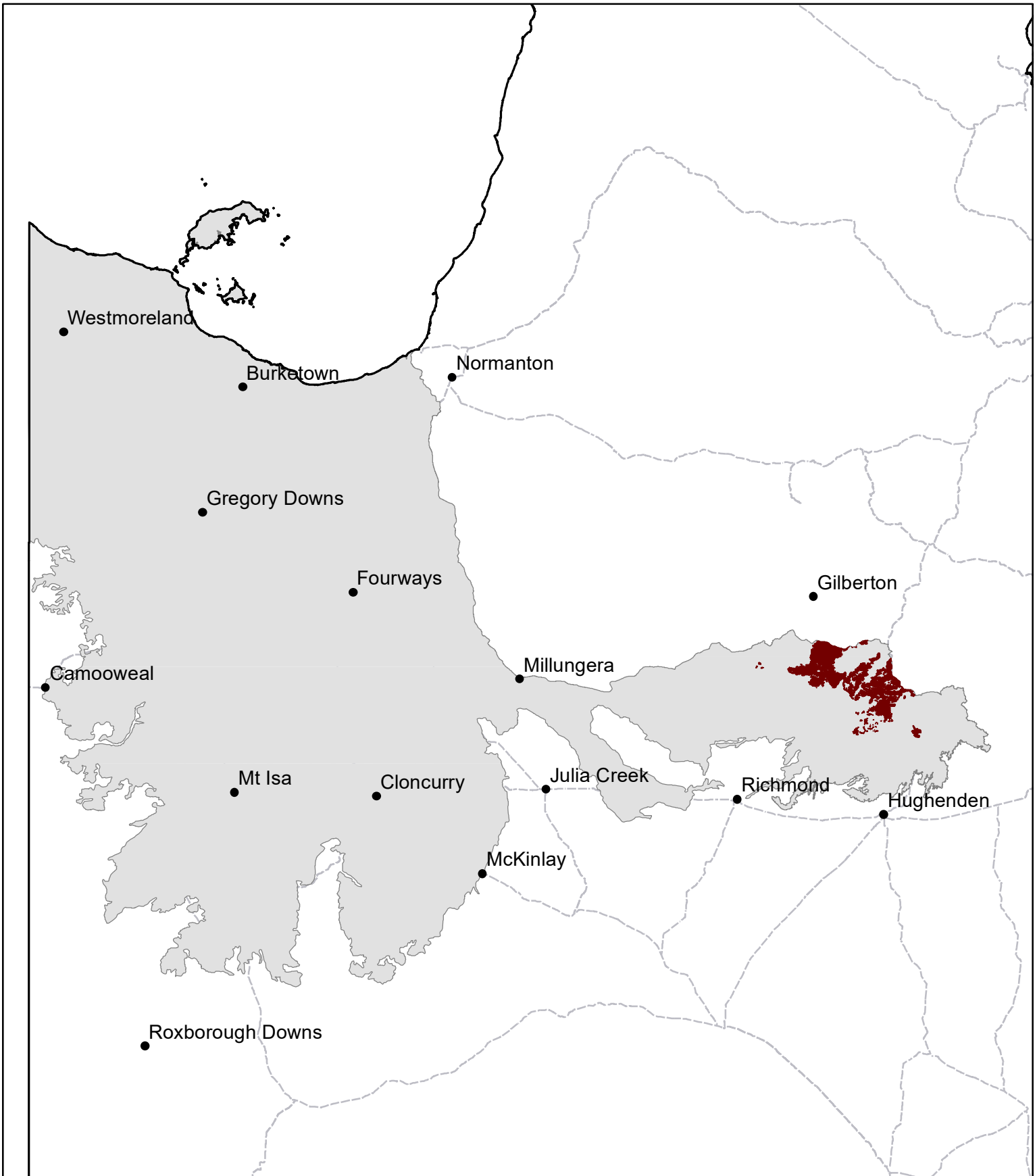
Regional Ecosystems

2.10.3.

Land Systems

Karoon (2), Boorooman (4), Kilbogie (40) (Perry 1964).

SG06 Ironbark



Area of land type in region: 1%
Median rainfall (region): 233 – 831 mm
Average rainfall (region): 271 – 952 mm
Area of land type with FPC: 91%
Median FPC: 25%
Median TBA: 10 m²/ha



Queensland
Government