

Box and napunyah



Landform

Foot slopes and lower slopes.

Woody vegetation

Molly box and napunyah open woodland. Understorey, if present, of turpentine (south), false sandalwood and wattles.

Expected pasture composition

** Denotes non-native "Expected Pasture Composition" species.*

Preferred

Soft spinifex, desert bluegrass, kangaroo grass.

Intermediate

Barbwire grass, citronella grass.

Non-preferred

Wiregrass, bottlewasher grasses, five-minute grass.

Annuals

Small burr grass.

Suitable sown pastures

Not suitable for sown pastures.

Introduced weeds

Soil

Skeletal, gravelly texture contrast soils.

Description

Surface: Gravelly; **Surface texture:** sandy loam; **Subsoil texture:** clay.

Water availability

Low

Fertility

Low

Salinity

Variable, can be moderate to high in subsoils.

Sodicity

High sodicity in subsoils.

pH

Slightly acidic to neutral tending to alkaline at depth.

Long-term carrying capacity information (A condition)

Based on fully watered area for 1AE = 450 kg animal consuming 8kg DM/day				
Median annual rainfall 502 – 624 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	1220 - 1730	15%	11 - 16
	8 TBA 20 FPC	550 - 780	15%	25 – 35

Enterprise

Breeding

Land use and management recommendations

- Good catchment country to generate runoff into stock dams.
- Whoa boys are required on roads/tracks to control erosion.
- Rotational wet seasons spelling to maintain perennial pasture composition.
- Maximise ground cover at end of dry season to maximise infiltration and reduce soil erosion.

Land use limitations

- Low fertility.
- Construction of dams can be a problem due to the tendency of the soil to disperse/tunnel when wet.
- Low moisture storage.
- Variable soil erosion hazard. Highly erodible dispersible soils where subsoil is exposed, particularly along fence lines, tracks and on sloping lands and drainage lines.

Conservation features and related management

- These areas may include habitat for the rare and threatened flora species *Cadellia pentastylis*.

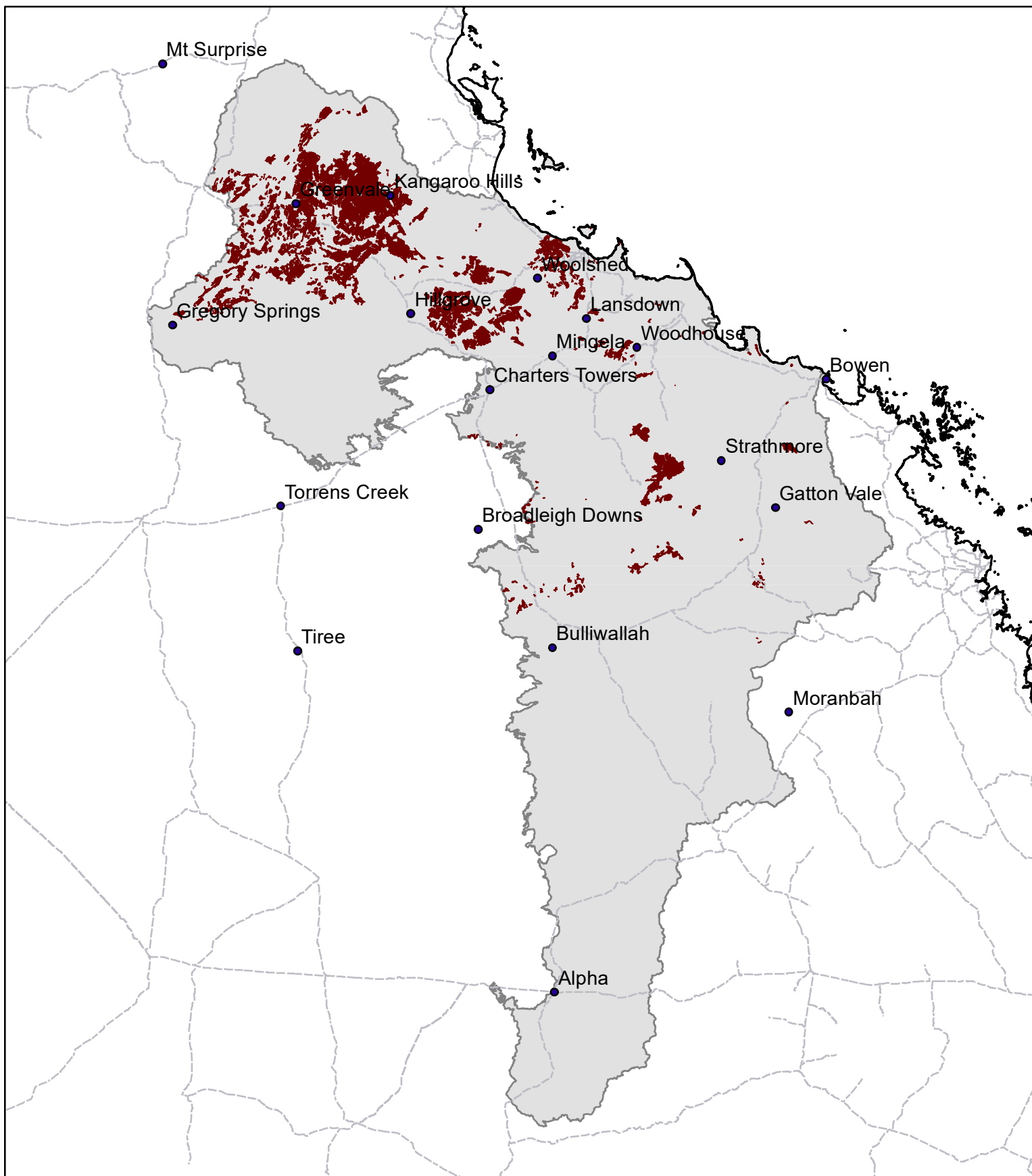
Regional Ecosystems

10.7.2d, 11.7.1, 9.11.5, 9.7.1a.

**Land units;
Agricultural management unit; Soil associations**

Land units (Gunn *et al* 1967) Disney 2, Blackwater 2, Loudon 4, Somerby 2.

BD04 Box and napunyah



Area of land type in region: 5%
Median rainfall (region): 440 – 981 mm
Average rainfall (region): 476 – 1112 mm
Area of land type with FPC: 91%
Median FPC: 20%
Median TBA: 8 m²/ha



Queensland
Government