

Land unit 8a2 Plains

Eucalyptus tetradonta mid woodland over *Livistona humilis* low open palmland over *Sorghum plumosum*, *Heteropogon triticeus* mid open tussock grassland

Characteristic species of the mid woodland to mid open forest upper stratum include *Eucalyptus tetradonta*, +/- *Eucalyptus miniata*, *Erythrophleum chlorostachys*, *Corymbia ferruginea*, *C. confertiflora*, *Eucalyptus jensenii*, and *Brachychiton diversifolius*. There is often a second mid open woodland/low open woodland upper stratum with species similar to the overstorey species with the addition of *Grevillea decurrens*. The mid stratum is variously a low open palmland to low open shrubland dominated by *Livistona humilis*, *Cycas orientis*, *Buchanania obovata*, *Grevillea decurrens*, *Planchonia careya*, *Grevillea pteridifolia* and various *Acacia* species as well as regeneration of overstorey species. The ground stratum is variously a mid open tussock grassland or low open shrubland. Grass species include *Sorghum plumosum*, *Chrysopogon fallax* and *Heteropogon triticeus*. Shrub species include *Petalostigma quadriloculare*, *Hibbertia complanata*, *Buchanania obovata*, *Hakea arborescens*, *Grevillea goodii* and *Pandanus spiralis* to name a few. Also regeneration of the mid and upper stratums are also present. Herb species in the ground stratum often include *Lomandra tropica*, *Spermacoce stenophylla*, *Leptosema bossiaeooides*, *Larsenaikia suffruticosa* and *Gompholobium subulatum* and many others. In regards to species composition landunits 8a1 and 8a2 are very similar, found on level to gently undulating plains with kandosol soils.



EARNH Site 100 - MGA94 Zone 53 636777mE 8588562mN

| Structural and Floristic Summary | | | | |
|---|--|---|---|---------------------------------|
| Number of sites: 14 Site Number: 63, 75, 82, 90, 91, 95, 99, 100, 102, 104, 111, 115, 129, 133 | | Approximate coverage across total land unit area: 100% | | Area: 8 240 ha |
| Strata | Growth form | Cover % (range) | Mean height m (range) | Basal area (m ² /ha) |
| Upper 1 | Tree | 26 (5-55) | 15.3 (12-20) | 6.5 (3-11) |
| Upper 2 | Tree | 15 (3-55) | 10.5 (6-16) | |
| Mid | Palm | 9.3 (3-21) | 2.9 (1.8-5) | |
| Ground | Tussock Grass/Shrub | 48 (10-60) | 0.6 (0.4-1) | |
| Frequency of Dominant Species | | | Frequency of Other Species | |
| Upper 1 | 100%: <i>Eucalyptus tetradonta</i> 57%: <i>Eucalyptus miniata</i> | | 30-20%: <i>Erythrophleum chlorostachys</i> , <i>Corymbia ferruginea</i> 7%: <i>Brachychiton diversifolius</i> , <i>Corymbia confertiflora</i> , <i>Eucalyptus jensenii</i> , <i>Grevillea decurrens</i> , <i>Livistona humilis</i> | |
| Upper 2 | 100%: <i>Eucalyptus tetradonta</i> 66%: <i>Eucalyptus miniata</i> | | 44%: <i>Erythrophleum chlorostachys</i> 33%: <i>Corymbia ferruginea</i> 11%: <i>Brachychiton diversifolius</i> , <i>Eucalyptus jensenii</i> , <i>Grevillea decurrens</i> , <i>Livistona humilis</i> | |
| Mid | 71%: <i>Livistona humilis</i> 50%: <i>Eucalyptus tetradonta</i> | | 36-21%: <i>Buchanania obovata</i> , <i>Corymbia ferruginea</i> , <i>Erythrophleum chlorostachys</i> , <i>Cycas orientis</i> , <i>Eucalyptus miniata</i> 14%: <i>Grevillea decurrens</i> , <i>Planchonia careya</i> , <i>Grevillea pteridifolia</i> 7%: <i>Acacia lamprocarpa</i> , <i>A. oncinocarpa</i> , <i>Hakea</i> | |