

Site 33

Botanist Andrew Craigie (AIC)
Date 7/09/2016
Quadrat Size 50 x 50 m
NW Corner Coordinates 52K 0432546 7499838
Landform Dune Swale
Slope & Aspect Slope - Negligible
Soil Group Sandy; Surface - Loose
Soil Colour Orange
Soil Texture Clayey Sand
Rock Type No Rocks
Rock Size and Abundance Sand or Smaller (<2 mm) - No Rocks (0%)
Vegetation Condition 2. Pristine or nearly so
Disturbance Type No Disturbance
Time since Fire 2-5 years
Leaf Litter Distribution and Cover Low <10%



| Taxon | Stratum | Cover Class |
|---|---------------|-------------|
| <i>Corymbia chippendalei</i> | Tree (<10 m) | 1-5% |
| <i>Grevillea stenobotrya</i> | Mallee (<3 m) | 1-5% |
| <i>Grevillea eriostachya</i> | Shrub (>2 m) | <1% |
| <i>Acacia ligulata</i> | Shrub (1-2 m) | 1-5% |
| <i>Acacia melleodora</i> | Shrub (1-2 m) | 1-5% |
| <i>Acacia</i> sp. Lake Mackay (P.K. Latz 12836) | Shrub (1-2 m) | 1-5% |
| <i>Dicrastylis doranii</i> | Shrub (1-2 m) | 1-5% |
| <i>Stylobasium spathulatum</i> | Shrub (1-2 m) | 1-5% |
| <i>Dicrastylis doranii</i> | Shrub (0-1 m) | <1% |
| <i>Leiocarpa semicalva</i> | Shrub (0-1 m) | <1% |
| <i>Scaevola basedowii</i> | Shrub (0-1 m) | <1% |
| <i>Solanum ?centrale</i> (indet.) | Shrub (0-1 m) | <1% |
| <i>Triodia basedowii</i> | Hummock Grass | 6-20% |
| <i>Triodia schinzii</i> | Hummock Grass | 1-5% |
| <i>Aristida holathera</i> | Grass | <1% |
| <i>Eragrostis eriopoda</i> | Grass | <1% |
| <i>Cucumis argenteus</i> | Vine | <1% |

Site 34

Botanist Andrew Craigie (AIC)
Date 8/09/2016
Quadrat Size 50 x 50 m
NW Corner Coordinates 52K 0437979 7498095
Landform Salt pan margin (Depression)
Slope & Aspect Slope - Negligible
Soil Group Sandy; Loamy; Surface - Loose
Soil Colour Orange; White
Soil Texture Sand Clay Loam
Rock Type No Rocks
Rock Size and Abundance Sand or Smaller (<2 mm) - No Rocks (0%)
Vegetation Condition 2. Pristine or nearly so
Disturbance Type No Disturbance
Time since Fire No Evidence
Leaf Litter Distribution and Cover Low <10%



| Taxon | Stratum | Cover Class |
|---|---------------|-------------|
| <i>Atriplex vesicaria</i> | Shrub (0-1 m) | <1% |
| <i>Eremophea spinosa</i> | Shrub (0-1 m) | <1% |
| <i>Frankenia cordata</i> | Shrub (0-1 m) | 6-20% |
| <i>Lawrenzia glomerata</i> | Shrub (0-1 m) | 1-5% |
| <i>Leiocarpa semicalva</i> | Shrub (0-1 m) | <1% |
| <i>Maireana luehmannii</i> | Shrub (0-1 m) | <1% |
| <i>Neobassia astrocarpa</i> | Shrub (0-1 m) | <1% |
| <i>Pluchea ferdinandi-muelleri</i> | Shrub (0-1 m) | <1% |
| <i>Scaevola collaris</i> | Shrub (0-1 m) | <1% |
| <i>Surreya diandra</i> | Shrub (0-1 m) | 1-5% |
| <i>Tecticornia calyptrata</i> | Shrub (0-1 m) | 1-5% |
| <i>Tecticornia indica</i> subsp. <i>leiostachya</i> | Shrub (0-1 m) | <1% |
| <i>Triodia schinzii</i> | Hummock Grass | 1-5% |
| <i>Aristida holathera</i> | Grass | 1-5% |
| <i>Eragrostis falcata</i> | Grass | 1-5% |
| <i>Eragrostis laniflora</i> | Grass | <1% |
| <i>Eriachne aristidea</i> | Grass | <1% |
| <i>Bulbostylis barbata</i> | Sedge | <1% |
| <i>Angianthus cyathifer</i> | Herb | <1% |
| <i>Calandrinia pleiopetala</i> | Herb | <1% |
| <i>Calocephalus platycephalus</i> | Herb | <1% |

| Taxon | Stratum | Cover Class |
|--|---------|-------------|
| <i>Calotis hispidula</i> | Herb | <1% |
| <i>Euphorbia ?drummondii (indet.)</i> | Herb | <1% |
| <i>Goodenia maideniana</i> | Herb | <1% |
| <i>Muelleranthus stipularis</i> | Herb | <1% |
| <i>Nicotiana rosulata</i> | Herb | <1% |
| <i>Polycarpaea corymbosa</i> | Herb | <1% |
| <i>Schenkia australis</i> | Herb | <1% |
| <i>Swainsona cyclocarpa</i> | Herb | <1% |
| <i>Synaptantha tillaeacea var. hispidula</i> | Herb | <1% |
| <i>Wahlenbergia tumidifructa</i> | Herb | <1% |

Site 60

Botanist Andrew Craigie (AIC)
Date 6/09/2016
Quadrat Size 50 x 50 m
NW Corner Coordinates 52K 0463624 7489480
Landform Plain
Slope & Aspect Slope - Negligible
Soil Group Sandy; Surface - Loose
Soil Colour Red; Orange
Soil Texture Clayey Sand
Rock Type No Rocks
Rock Size and Abundance Sand or Smaller (<2 mm) - No Rocks (0%)
Vegetation Condition 2. Pristine or nearly so
Disturbance Type No Disturbance
Time since Fire > 5 years
Leaf Litter Distribution and Cover Low <10%



| Taxon | Stratum | Cover Class |
|--|---------------|-------------|
| <i>Eucalyptus victrix</i> | Tree (<10 m) | 1-5% |
| <i>Melaleuca glomerata</i> | Shrub (>2 m) | 6-20% |
| <i>Acacia adsurgens</i> | Shrub (1-2 m) | 1-5% |
| <i>Carissa lanceolata</i> | Shrub (1-2 m) | 1-5% |
| <i>Rhagodia eremaea</i> | Shrub (1-2 m) | <1% |
| <i>Pluchea dunlopii</i> | Shrub (0-1 m) | 1-5% |
| <i>Senna artemisioides</i> subsp. <i>oligophylla</i> | Shrub (0-1 m) | 1-5% |
| <i>Triodia salina</i> | Hummock Grass | 6-20% |
| <i>Triodia salina</i> | Hummock Grass | 21-50% |
| <i>Aristida holathera</i> | Grass | <1% |
| <i>Cyperus cunninghamii</i> | Sedge | <1% |
| <i>Fimbristylis eremophila</i> | Sedge | <1% |
| <i>Bergia henschallii</i> | Herb | <1% |
| <i>Goodenia ?lamprosperma</i> (indet.) | Herb | 1-5% |
| <i>Heliotropium ?glanduliferum</i> (indet.) | Herb | <1% |

Site 63

Botanist Andrew Craigie (AIC)
Date 7/09/2016
Quadrat Size 50 x 50 m
NW Corner Coordinates 52K 0431783 7513034
Landform Plain
Slope & Aspect Slope - Gentle; Aspect - North
Soil Group Sandy
Soil Colour Orange
Soil Texture Clayey Sand
Rock Type No Rocks
Rock Size and Abundance Sand or Smaller (<2 mm) - No Rocks (0%)
Vegetation Condition 2. Pristine or nearly so
Disturbance Type No Disturbance
Time since Fire > 5 years
Leaf Litter Distribution and Cover Low <10%



| Taxon | Stratum | Cover Class |
|--|---------------|-------------|
| <i>Acacia ligulata</i> | Shrub (>2 m) | 1-5% |
| <i>Acacia melleodora</i> | Shrub (1-2 m) | <1% |
| <i>Acacia sp. Lake Mackay (P.K. Latz 12836)</i> | Shrub (1-2 m) | 1-5% |
| <i>Grevillea stenobotrya</i> | Shrub (1-2 m) | 1-5% |
| <i>Melaleuca glomerata</i> | Shrub (1-2 m) | 1-5% |
| <i>Leiocarpa semicalva</i> | Shrub (0-1 m) | <1% |
| <i>Newcastelia aff. bracteosa [A. Craigie 1677.65.9]</i> | Shrub (0-1 m) | 1-5% |
| <i>Sida ?fibulifera</i> | Shrub (0-1 m) | <1% |
| <i>Triodia pungens</i> | Hummock Grass | 21-50% |
| <i>Aristida holathera</i> | Grass | <1% |

Site 65

Botanist Andrew Craigie (AIC)
Date 7/09/2016
Quadrat Size 50 x 50 m
NW Corner Coordinates 52K 0430087 7507642
Landform Dune Swale
Slope & Aspect Slope - Negligible
Soil Group Sandy; Deep Sand
Soil Colour Orange
Soil Texture Clayey Sand
Rock Type No Rocks
Rock Size and Abundance Sand or Smaller (<2 mm) - No Rocks (0%)
Vegetation Condition 2. Pristine or nearly so
Disturbance Type No Disturbance
Time since Fire > 5 years
Leaf Litter Distribution and Cover Low <10%



| Taxon | Stratum | Cover Class |
|---|---------------|-------------|
| <i>Allocasuarina decaisneana</i> | Tree (<10 m) | 1-5% |
| <i>Acacia ligulata</i> | Shrub (1-2 m) | 1-5% |
| <i>Acacia</i> sp. <i>Lake Mackay</i> (P.K. Latz 12836) | Shrub (1-2 m) | 1-5% |
| <i>Grevillea stenobotrya</i> | Shrub (1-2 m) | <1% |
| <i>Acacia melleodora</i> | Shrub (0-1 m) | <1% |
| <i>Dicrastylis doranii</i> | Shrub (0-1 m) | 1-5% |
| <i>Leiocarpa semicalva</i> | Shrub (0-1 m) | <1% |
| <i>Newcastelia</i> aff. <i>bracteosa</i> [A. Craigie 1677.65.9] | Shrub (0-1 m) | <1% |
| <i>Scaevola basedowii</i> | Shrub (0-1 m) | 1-5% |
| <i>Stylobasium spathulatum</i> | Shrub (0-1 m) | <1% |
| <i>Triodia schinzii</i> | Hummock Grass | 1-5% |
| <i>Aristida holathera</i> | Grass | 1-5% |
| <i>Eragrostis eriopoda</i> | Grass | <1% |
| <i>Nicotiana rosulata</i> | Herb | <1% |
| <i>Ptilotus arthrolasius</i> | Herb | <1% |
| <i>Trichodesma zeylanicum</i> | Herb | <1% |

Site 70

Botanist Andrew Craigie (AIC)
Date 8/09/2016
Quadrat Size 50 x 50 m
NW Corner Coordinates 52K 0440361 7494279
Landform Undulating Plain
Slope & Aspect Slope - Negligible
Soil Group Sandy; Loamy; Surface - Loose
Soil Colour Orange; Brown
Soil Texture Sand Clay Loam
Rock Type No Rocks
Rock Size and Abundance Sand or Smaller (<2 mm) - No Rocks (0%)
Vegetation Condition 2. Pristine or nearly so
Disturbance Type No Disturbance
Time since Fire > 5 years
Leaf Litter Distribution and Cover Low <10%



| Taxon | Stratum | Cover Class |
|--|---------------|-------------|
| <i>Melaleuca glomerata</i> | Shrub (1-2 m) | 1-5% |
| <i>Senna artemisioides</i> subsp. <i>oligophylla</i> | Shrub (1-2 m) | 1-5% |
| <i>Eremophea spinosa</i> | Shrub (0-1 m) | <1% |
| <i>Frankenia cordata</i> | Shrub (0-1 m) | <1% |
| <i>Lawrenzia glomerata</i> | Shrub (0-1 m) | <1% |
| <i>Pluchea dunlopii</i> | Shrub (0-1 m) | <1% |
| <i>Sclerolaena crenata</i> | Shrub (0-1 m) | <1% |
| <i>Sclerolaena urceolata</i> | Shrub (0-1 m) | <1% |
| <i>Streptoglossa bubakii</i> | Shrub (0-1 m) | <1% |
| <i>Tecticornia indica</i> subsp. <i>leiostachya</i> | Shrub (0-1 m) | 1-5% |
| <i>Trianthema turgidifolium</i> | Shrub (0-1 m) | <1% |
| <i>Triodia schinzii</i> | Hummock Grass | 6-20% |
| <i>Aristida holathera</i> | Grass | 1-5% |
| <i>Dactyloctenium radulans</i> | Grass | <1% |
| <i>Eragrostis falcata</i> | Grass | 1-5% |
| <i>Eriachne aristidea</i> | Grass | <1% |
| <i>Calandrinia pleiopetala</i> | Herb | <1% |
| <i>Calocephalus platycephalus</i> | Herb | <1% |
| <i>Euphorbia wheeleri</i> | Herb | <1% |
| <i>Goodenia virgata</i> | Herb | <1% |
| <i>Heliotropium ammophilum</i> | Herb | <1% |

| Taxon | Stratum | Cover Class |
|---|---------|-------------|
| <i>Pterocaulon sphacelatum</i> | Herb | <1% |
| <i>Swainsona tanamiensis</i> | Herb | <1% |
| <i>Synaptantha tillaeacea</i> var. <i>hispidula</i> | Herb | <1% |

Site 76

Botanist Andrew Craigie (AIC)
Date 9/09/2016
Quadrat Size 50 x 50 m
NW Corner Coordinates 52K 0463633 7490365
Landform Dune Crest
Slope & Aspect Slope - Negligible
Soil Group Deep Sand; Surface - Loose
Soil Colour Orange; Brown
Soil Texture Sand; Loam
Rock Type No Rocks
Rock Size and Abundance Sand or Smaller (<2 mm) - No Rocks (0%)
Vegetation Condition 2. Pristine or nearly so
Disturbance Type No Disturbance
Time since Fire > 5 years
Leaf Litter Distribution and Cover Low <10%



| Taxon | Stratum | Cover Class |
|--|---------------|-------------|
| <i>Corymbia chippendalei</i> | Tree (<10 m) | 1-5% |
| <i>Acacia melleodora</i> | Shrub (>2 m) | 1-5% |
| <i>Grevillea stenobotrya</i> | Shrub (>2 m) | <1% |
| <i>Acacia sp. Lake Mackay (P.K. Latz 12836)</i> | Shrub (1-2 m) | <1% |
| <i>Clerodendrum floribundum</i> | Shrub (1-2 m) | <1% |
| <i>Newcastelia spodiotricha</i> | Shrub (1-2 m) | 1-5% |
| <i>Corynotheca micrantha</i> | Shrub (0-1 m) | <1% |
| <i>Crotalaria cunninghamii</i> | Shrub (0-1 m) | <1% |
| <i>Dicrastylis doranii</i> | Shrub (0-1 m) | <1% |
| <i>Dicrastylis doranii</i> | Shrub (0-1 m) | <1% |
| <i>Scaevola basedowii</i> | Shrub (0-1 m) | <1% |
| <i>Senna pleurocarpa</i> | Shrub (0-1 m) | <1% |
| <i>Sida sp. sand dunes (A.A. Mitchell PRP1208)</i> | Shrub (0-1 m) | <1% |
| <i>Triumfetta winneckeana</i> | Shrub (0-1 m) | <1% |
| <i>Triodia schinzii</i> | Hummock Grass | 1-5% |
| <i>Aristida holathera</i> | Grass | 1-5% |
| <i>Eragrostis eriopoda</i> | Grass | <1% |
| <i>Eriachne aristidea</i> | Grass | <1% |
| <i>Paractaenum refractum</i> | Grass | <1% |
| <i>Calotis hispidula</i> | Herb | <1% |
| <i>Euphorbia wheeleri</i> | Herb | <1% |

| Taxon | Stratum | Cover Class |
|-------------------------------|---------|-------------|
| <i>Nicotiana rosulata</i> | Herb | <1% |
| <i>Oldenlandia pterospora</i> | Herb | <1% |
| <i>Ptilotus polystachyus</i> | Herb | <1% |
| <i>Trianthema pilosum</i> | Herb | <1% |

Site 78

Botanist Andrew Craigie (AIC)
Date 9/09/2016
Quadrat Size 50 x 50 m
NW Corner Coordinates 52K 0422008 7482270
Landform Plain
Slope & Aspect Slope - Negligible
Soil Group Sandy; Surface - Loose
Soil Colour Orange; Brown
Soil Texture Sand Clay Loam
Rock Type No Rocks
Rock Size and Abundance Sand or Smaller (<2 mm) - No Rocks (0%)
Vegetation Condition 2. Pristine or nearly so
Disturbance Type No Disturbance
Time since Fire > 5 years
Leaf Litter Distribution and Cover Low <10%



| Taxon | Stratum | Cover Class |
|---|-----------------|-------------|
| <i>Eucalyptus pachyphylla</i> | Mallee (3-10 m) | 1-5% |
| <i>Acacia adsurgens</i> | Shrub (>2 m) | 1-5% |
| <i>Acacia elachantha</i> | Shrub (>2 m) | 1-5% |
| <i>Exocarpos sparteus</i> | Shrub (>2 m) | <1% |
| <i>Hakea divaricata</i> | Shrub (>2 m) | <1% |
| <i>Acacia cuthbertsonii</i> | Shrub (1-2 m) | 1-5% |
| <i>Anthobolus leptomerioides</i> | Shrub (1-2 m) | <1% |
| <i>Scaevola spinescens</i> | Shrub (1-2 m) | <1% |
| <i>Sida arenicola</i> | Shrub (1-2 m) | <1% |
| <i>Dodonaea coriacea</i> | Shrub (0-1 m) | <1% |
| <i>Hybanthus aurantiacus</i> | Shrub (0-1 m) | <1% |
| <i>Scaevola ?parvifolia (indet.)</i> | Shrub (0-1 m) | <1% |
| <i>Senna artemisioides subsp. oligophylla</i> | Shrub (0-1 m) | <1% |
| <i>Seringia elliptica</i> | Shrub (0-1 m) | <1% |
| <i>Sida sp. Excedentifolia (J.L. Egan 1925)</i> | Shrub (0-1 m) | <1% |
| <i>Streptoglossa macrocephala</i> | Shrub (0-1 m) | <1% |
| <i>Triodia basedowii</i> | Hummock Grass | 6-20% |
| <i>Aristida holathera</i> | Grass | <1% |
| <i>Digitaria brownii</i> | Grass | <1% |
| <i>Paraneurachne muelleri</i> | Grass | <1% |
| <i>Evolvulus alsinoides var. villosicalyx</i> | Herb | <1% |

| Taxon | Stratum | Cover Class |
|-----------------------------------|---------|-------------|
| <i>Goodenia armitiana</i> | Herb | <1% |
| <i>Polygala ?isingii (indet.)</i> | Herb | <1% |

Site 82

Botanist Andrew Craigie (AIC)
Date 9/09/2016
Quadrat Size 50 x 50 m
NW Corner Coordinates 52K 0440727 7490856
Landform Plain
Slope & Aspect Slope - Negligible
Soil Group Sandy
Soil Colour Orange; Brown
Soil Texture Sand Clay Loam
Rock Type No Rocks
Rock Size and Abundance Sand or Smaller (<2 mm) - No Rocks (0%)
Vegetation Condition 2. Pristine or nearly so
Disturbance Type No Disturbance
Time since Fire > 5 years
Leaf Litter Distribution and Cover Low <10%



| Taxon | Stratum | Cover Class |
|--|---------------|-------------|
| <i>Eucalyptus gamophylla</i> | Mallee (<3 m) | 1-5% |
| <i>Acacia ligulata</i> | Shrub (1-2 m) | 1-5% |
| <i>Hakea divaricata</i> | Shrub (1-2 m) | 1-5% |
| <i>Melaleuca lasiantra</i> | Shrub (1-2 m) | <1% |
| <i>Acacia adsurgens</i> | Shrub (0-1 m) | <1% |
| <i>Acacia inaequilatera</i> | Shrub (0-1 m) | <1% |
| <i>Bonamia erecta</i> | Shrub (0-1 m) | 1-5% |
| <i>Codonocarpus cotinifolius</i> | Shrub (0-1 m) | <1% |
| <i>Heliotropium glanduliferum</i> | Shrub (0-1 m) | <1% |
| <i>Pluchea ferdinandi-muelleri</i> | Shrub (0-1 m) | <1% |
| <i>Ptilotus obovatus</i> | Shrub (0-1 m) | <1% |
| <i>Senna artemisioides</i> subsp. <i>oligophylla</i> | Shrub (0-1 m) | <1% |
| <i>Triodia basedowii</i> | Hummock Grass | 6-20% |
| <i>Aristida holathera</i> | Grass | <1% |
| <i>Paraneurachne muelleri</i> | Grass | <1% |
| <i>Paraneurachne muelleri</i> | Grass | <1% |
| <i>Bergia henschallii</i> | Herb | <1% |

Site 84

Botanist Andrew Craigie (AIC)
Date 9/09/2016
Quadrat Size 50 x 50 m
NW Corner Coordinates 52K 0441436 7491628
Landform Plain (Depression)
Slope & Aspect Slope - Negligible
Soil Group Sandy; Loamy
Soil Colour Orange; Brown
Soil Texture Sand Clay Loam
Rock Type No Rocks
Rock Size and Abundance Sand or Smaller (<2 mm) - No Rocks (0%)
Vegetation Condition 3. Slight disturbance
Disturbance Type Weeds
Time since Fire > 5 years
Leaf Litter Distribution and Cover Low <10%



| Taxon | Stratum | Cover Class |
|--|---------------|-------------|
| <i>Acacia ?aptaneura</i> | Tree (<10 m) | 1-5% |
| <i>Eucalyptus victrix</i> | Tree (<10 m) | 1-5% |
| <i>Acacia adsurgens</i> | Shrub (>2 m) | <1% |
| <i>Senna artemisioides</i> subsp. <i>oligophylla</i> | Shrub (1-2 m) | 1-5% |
| <i>Abutilon macrum</i> | Shrub (0-1 m) | <1% |
| <i>Enchylaena tomentosa</i> | Shrub (0-1 m) | <1% |
| <i>Eremophea spinosa</i> | Shrub (0-1 m) | <1% |
| <i>Hibiscus sturtii</i> var. <i>grandiflorus</i> | Shrub (0-1 m) | <1% |
| <i>Pluchea dunlopii</i> | Shrub (0-1 m) | <1% |
| <i>Rhagodia eremaea</i> | Shrub (0-1 m) | <1% |
| <i>Sclerolaena crenata</i> | Shrub (0-1 m) | <1% |
| <i>Sida fibulifera</i> | Shrub (0-1 m) | <1% |
| <i>Triodia basedowii</i> | Hummock Grass | 1-5% |
| <i>Aristida holathera</i> | Grass | 1-5% |
| <i>Enneapogon robustissimus</i> | Grass | <1% |
| <i>Eragrostis eriopoda</i> | Grass | 1-5% |
| <i>Eragrostis setifolia</i> | Grass | <1% |
| <i>Abutilon otocarpum</i> | Herb | <1% |
| <i>Abutilon</i> sp. | Herb | <1% |
| <i>Boerhavia coccinea</i> | Herb | <1% |
| <i>Calotis hispidula</i> | Herb | <1% |

| Taxon | Stratum | Cover Class |
|--|---------|-------------|
| <i>Dysphania rhadinostachya</i> subsp. <i>rhadinostachya</i> | Herb | <1% |
| <i>Einadia nutans</i> subsp. <i>eremaea</i> | Herb | 1-5% |
| <i>Euphorbia tannensis</i> subsp. <i>eremophila</i> | Herb | <1% |
| <i>Evolvulus alsinoides</i> var. <i>villosicalyx</i> | Herb | <1% |
| <i>Malvastrum americanum</i> | Herb | <1% |

Site 87

Botanist Andrew Craigie (AIC)
Date 9/09/2016
Quadrat Size 50 x 50 m
NW Corner Coordinates 52K 0466740 7488411
Landform Plain; Claypan (Depression)
Slope & Aspect Slope - Negligible
Soil Group Sandy; Loamy; Non-Cracking Clay
Soil Colour Orange; Brown
Soil Texture Sand Clay Loam; Clay
Rock Type No Rocks
Rock Size and Abundance Sand or Smaller (<2 mm) - Few (<10%)
Vegetation Condition 2. Pristine or nearly so
Disturbance Type Animal Tracks; Faeces
Time since Fire 2-5 years
Leaf Litter Distribution and Cover Low <10%



| Taxon | Stratum | Cover Class |
|--|---------------|-------------|
| <i>Acacia ligulata</i> | Shrub (0-1 m) | 1-5% |
| <i>Atriplex vesicaria</i> | Shrub (0-1 m) | <1% |
| <i>Eremophea spinosa</i> | Shrub (0-1 m) | 1-5% |
| <i>Frankenia cordata</i> | Shrub (0-1 m) | 1-5% |
| <i>Heliotropium glanduliferum</i> | Shrub (0-1 m) | <1% |
| <i>Ptilotus obovatus</i> | Shrub (0-1 m) | <1% |
| <i>Scaevola spinescens</i> | Shrub (0-1 m) | 1-5% |
| <i>Sclerolaena crenata</i> | Shrub (0-1 m) | <1% |
| <i>Senna artemisioides</i> subsp. <i>oligophylla</i> | Shrub (0-1 m) | 1-5% |
| <i>Streptoglossa bubakii</i> | Shrub (0-1 m) | <1% |
| <i>Triodia basedowii</i> | Hummock Grass | 1-5% |
| <i>Triodia salina</i> | Hummock Grass | 1-5% |
| <i>Aristida contorta</i> | Grass | <1% |
| <i>Aristida holathera</i> | Grass | <1% |
| <i>Aristida latifolia</i> | Grass | <1% |
| <i>Dactyloctenium radulans</i> | Grass | <1% |
| <i>Eragrostis dielsii</i> | Grass | <1% |
| <i>Eragrostis eriopoda</i> | Grass | <1% |
| <i>Eragrostis falcata</i> | Grass | <1% |
| <i>Eriachne aristidea</i> | Grass | <1% |
| <i>Paraneurachne muelleri</i> | Grass | <1% |

| Taxon | Stratum | Cover Class |
|--|---------|-------------|
| <i>Fimbristylis dichotoma</i> | Sedge | <1% |
| <i>Brassicaceae sp.</i> | Herb | <1% |
| <i>Calandrinia pleiopetala</i> | Herb | <1% |
| <i>Calocephalus platycephalus</i> | Herb | <1% |
| <i>Dysphania kalpari</i> | Herb | <1% |
| <i>Euphorbia tannensis subsp. eremophila</i> | Herb | <1% |
| <i>Wahlenbergia tumidifruca</i> | Herb | <1% |

Site 89

Botanist Andrew Craigie (AIC)
Date 10/09/2016
Quadrat Size 50 x 50 m
NW Corner Coordinates 52K 0463417 7490562
Landform Dune Swale
Slope & Aspect Slope - Negligible
Soil Group Sandy
Soil Colour Orange; Brown
Soil Texture Sand Clay Loam
Rock Type No Rocks
Rock Size and Abundance Sand or Smaller (<2 mm) - No Rocks (0%)
Vegetation Condition 2. Pristine or nearly so
Disturbance Type Animal Tracks
Time since Fire 2-5 years
Leaf Litter Distribution and Cover Low <10%



| Taxon | Stratum | Cover Class |
|---|---------------|-------------|
| <i>Eucalyptus gamophylla</i> | Mallee (<3 m) | 1-5% |
| <i>Acacia adsurgens</i> | Shrub (>2 m) | <1% |
| <i>Acacia melleodora</i> | Shrub (1-2 m) | 1-5% |
| <i>Acacia sp. Lake Mackay (P.K. Latz 12836)</i> | Shrub (1-2 m) | 1-5% |
| <i>Carissa lanceolata</i> | Shrub (1-2 m) | 1-5% |
| <i>Indigofera georgei</i> | Shrub (1-2 m) | <1% |
| <i>Stylobasium spathulatum</i> | Shrub (1-2 m) | 1-5% |
| <i>Abutilon otocarpum</i> | Shrub (0-1 m) | <1% |
| <i>Bonamia erecta</i> | Shrub (0-1 m) | 1-5% |
| <i>Dicrastylis doranii</i> | Shrub (0-1 m) | <1% |
| <i>Hakea divaricata</i> | Shrub (0-1 m) | <1% |
| <i>Hibiscus leptocladus</i> | Shrub (0-1 m) | <1% |
| <i>Senna artemisioides subsp. oligophylla</i> | Shrub (0-1 m) | 1-5% |
| <i>Sida cardiophylla</i> | Shrub (0-1 m) | <1% |
| <i>Solanum chippendalei</i> | Shrub (0-1 m) | <1% |
| <i>Streptoglossa macrocephala</i> | Shrub (0-1 m) | <1% |
| <i>Triodia basedowii</i> | Hummock Grass | 6-20% |
| <i>Aristida holathera</i> | Grass | <1% |
| <i>Eragrostis eriopoda</i> | Grass | <1% |
| <i>Fimbristylis dichotoma</i> | Sedge | <1% |
| <i>Euphorbia tannensis subsp. eremophila</i> | Herb | <1% |

Site 90

Botanist Andrew Craigie (AIC)
Date 10/09/2016
Quadrat Size 50 x 50 m
NW Corner Coordinates 52K 0495857 7520009
Landform Plain
Slope & Aspect Slope - Negligible
Soil Group Sandy; Surface - Loose
Soil Colour Brown; White
Soil Texture Sand Clay Loam
Rock Type Calcrete
Rock Size and Abundance Pebbles (2-64 mm) - Few (<10%)
Vegetation Condition 2. Pristine or nearly so
Disturbance Type No Disturbance
Time since Fire No Evidence
Leaf Litter Distribution and Cover Low <10%



| Taxon | Stratum | Cover Class |
|---|---------------|-------------|
| <i>Atriplex vesicaria</i> | Shrub (0-1 m) | <1% |
| <i>Maireana lehmannii</i> | Shrub (0-1 m) | 1-5% |
| <i>Neobassia astrocarpa</i> | Shrub (0-1 m) | <1% |
| <i>Scaevola collaris</i> | Shrub (0-1 m) | <1% |
| <i>Streptoglossa bubakii</i> | Shrub (0-1 m) | <1% |
| <i>Surreya diandra</i> | Shrub (0-1 m) | 6-20% |
| <i>Tecticornia indica</i> subsp. <i>leiostachya</i> | Shrub (0-1 m) | 6-20% |
| <i>Aristida holathera</i> | Grass | 1-5% |
| <i>Eragrostis falcata</i> | Grass | 1-5% |
| <i>Goodenia maideniana</i> | Herb | <1% |
| <i>Nicotiana rosulata</i> | Herb | <1% |
| <i>Salsola australis</i> | Herb | <1% |
| <i>Swainsona cyclocarpa</i> | Herb | <1% |

Site 91

| | |
|---|---|
| Botanist | Andrew Craigie (AIC) |
| Date | 10/09/2016 |
| Quadrat Size | 50 x 50 m |
| NW Corner Coordinates | 52K 0495898 7522162 |
| Landform | Plain |
| Slope & Aspect | Slope - Negligible |
| Soil Group | Sandy; Loamy; Surface - Loose |
| Soil Colour | Orange |
| Soil Texture | Sand Clay Loam |
| Rock Type | Calcrete |
| Rock Size and Abundance | Cobbles (64-256 mm); Pebbles (2-64 mm) - Few (<10%) |
| Vegetation Condition | 2. Pristine or nearly so |
| Disturbance Type | No Disturbance |
| Time since Fire | No Evidence |
| Leaf Litter Distribution and Cover | Moderate 10-40% |



| Taxon | Stratum | Cover Class |
|---|---------------|-------------|
| <i>Allocasuarina decaisneana</i> | Tree (<10 m) | 1-5% |
| <i>Acacia ligulata</i> | Shrub (1-2 m) | 1-5% |
| <i>Eremophila latrobei</i> subsp. <i>latrobei</i> | Shrub (1-2 m) | <1% |
| <i>Scaevola spinescens</i> | Shrub (1-2 m) | 1-5% |
| <i>Hakea divaricata</i> | Shrub (0-1 m) | <1% |
| <i>Heliotropium glanduliferum</i> | Shrub (0-1 m) | <1% |
| <i>Triodia pungens</i> | Hummock Grass | 6-20% |
| <i>Euphorbia tannensis</i> subsp. <i>eremophila</i> | Herb | <1% |

Site 96

Botanist Andrew Craigie (AIC)
Date 11/09/2016
Quadrat Size 50 x 50 m
NW Corner Coordinates 52K 0453140 7490624
Landform Plain; Undulating Plain
Slope & Aspect Slope - Negligible
Soil Group Sandy
Soil Colour Orange; Brown
Soil Texture Clayey Sand
Rock Type No Rocks
Rock Size and Abundance Sand or Smaller (<2 mm) - No Rocks (0%)
Vegetation Condition 2. Pristine or nearly so
Disturbance Type No Disturbance
Time since Fire > 5 years
Leaf Litter Distribution and Cover Low <10%



| Taxon | Stratum | Cover Class |
|--|---------------|-------------|
| <i>Corymbia opaca</i> | Tree (<10 m) | 1-5% |
| <i>Eucalyptus gamophylla</i> | Mallee (<3 m) | 1-5% |
| <i>Acacia ancistrocarpa</i> | Shrub (1-2 m) | 1-5% |
| <i>Acacia ligulata</i> | Shrub (1-2 m) | 1-5% |
| <i>Hakea divaricata</i> | Shrub (1-2 m) | <1% |
| <i>Melaleuca lasiandra</i> | Shrub (1-2 m) | <1% |
| <i>Enchylaena tomentosa</i> | Shrub (0-1 m) | <1% |
| <i>Hibiscus leptocladus</i> | Shrub (0-1 m) | <1% |
| <i>Indigofera georgei</i> | Shrub (0-1 m) | <1% |
| <i>Ptilotus obovatus</i> | Shrub (0-1 m) | <1% |
| <i>Rhagodia eremaea</i> | Shrub (0-1 m) | <1% |
| <i>Senna artemisioides</i> subsp. <i>oligophylla</i> | Shrub (0-1 m) | 1-5% |
| <i>Sida arenicola</i> | Shrub (0-1 m) | <1% |
| <i>Sida echinocarpa</i> | Shrub (0-1 m) | <1% |
| <i>Streptoglossa bubakii</i> | Shrub (0-1 m) | <1% |
| <i>Streptoglossa macrocephala</i> | Shrub (0-1 m) | <1% |
| <i>Triodia basedowii</i> | Hummock Grass | 6-20% |
| <i>Aristida holathera</i> | Grass | 1-5% |
| <i>Eragrostis eriopoda</i> | Grass | <1% |
| <i>Eriachne aristidea</i> | Grass | <1% |
| <i>Paraneurachne muelleri</i> | Grass | <1% |

| Taxon | Stratum | Cover Class |
|--|---------|-------------|
| <i>Fimbristylis eremophila</i> | Sedge | <1% |
| <i>Boerhavia coccinea</i> | Herb | <1% |
| <i>Cleome viscosa</i> | Herb | <1% |
| <i>Dysphania rhadinostachya</i> subsp. <i>rhadinostachya</i> | Herb | <1% |
| <i>Einadia nutans</i> subsp. <i>eremaea</i> | Herb | <1% |
| <i>Euphorbia australis</i> var. <i>erythrantha</i> | Herb | <1% |
| <i>Euphorbia tannensis</i> subsp. <i>eremophila</i> | Herb | <1% |
| <i>Haloragis gossei</i> | Herb | <1% |
| <i>Nicotiana rosulata</i> | Herb | <1% |
| <i>Ptilotus polystachyus</i> | Herb | <1% |
| <i>Trianthema pilosum</i> | Herb | <1% |
| <i>Vittadinia eremaea</i> | Herb | <1% |
| <i>Cucumis argenteus</i> | Vine | <1% |

Site 97

Botanist Andrew Craigie (AIC)
Date 11/09/2016
Quadrat Size 50 x 50 m
NW Corner Coordinates 52K 0458051 7489695
Landform Plain
Slope & Aspect Slope - Negligible
Soil Group Sandy; Surface - Loose
Soil Colour Orange
Soil Texture Clayey Sand
Rock Type No Rocks
Rock Size and Abundance Sand or Smaller (<2 mm) - No Rocks (0%)
Vegetation Condition 2. Pristine or nearly so
Disturbance Type No Disturbance
Time since Fire > 5 years
Leaf Litter Distribution and Cover Low <10%



| Taxon | Stratum | Cover Class |
|--|---------------|-------------|
| <i>Acacia pruinocarpa</i> | Tree (<10 m) | 1-5% |
| <i>Acacia adsurgens</i> | Shrub (1-2 m) | 1-5% |
| <i>Carissa lanceolata</i> | Shrub (1-2 m) | <1% |
| <i>Eremophila longifolia</i> | Shrub (1-2 m) | <1% |
| <i>Hakea divaricata</i> | Shrub (1-2 m) | <1% |
| <i>Sida echinocarpa</i> | Shrub (1-2 m) | <1% |
| <i>Enchylaena tomentosa</i> | Shrub (0-1 m) | <1% |
| <i>Hibiscus sturtii</i> var. <i>grandiflorus</i> | Shrub (0-1 m) | <1% |
| <i>Indigofera colutea</i> | Shrub (0-1 m) | <1% |
| <i>Pluchea ferdinandi-muelleri</i> | Shrub (0-1 m) | <1% |
| <i>Ptilotus obovatus</i> | Shrub (0-1 m) | 1-5% |
| <i>Rhagodia eremaea</i> | Shrub (0-1 m) | <1% |
| <i>Senna artemisioides</i> subsp. <i>oligophylla</i> | Shrub (0-1 m) | 1-5% |
| <i>Solanum chippendalei</i> | Shrub (0-1 m) | <1% |
| <i>Streptoglossa macrocephala</i> | Shrub (0-1 m) | <1% |
| <i>Triodia basedowii</i> | Hummock Grass | 6-20% |
| <i>Aristida contorta</i> | Grass | 1-5% |
| <i>Enneapogon polyphyllus</i> | Grass | <1% |
| <i>Eragrostis eriopoda</i> | Grass | 1-5% |
| <i>Cleome viscosa</i> | Herb | <1% |
| <i>Dysphania rhadinostachya</i> subsp. <i>rhadinostachya</i> | Herb | <1% |

| Taxon | Stratum | Cover Class |
|---|---------|-------------|
| <i>Euphorbia tannensis</i> subsp. <i>eremophila</i> | Herb | <1% |
| <i>Nicotiana occidentalis</i> subsp. <i>obliqua</i> | Herb | <1% |
| <i>Pterocaulon sphacelatum</i> | Herb | <1% |
| <i>Ptilotus polystachyus</i> | Herb | <1% |
| <i>Salsola australis</i> | Herb | <1% |

Site 98

Botanist Andrew Craigie (AIC)
Date 7/09/2016
Quadrat Size 50 x 50 m
NW Corner Coordinates 52K 0443339 7500183
Landform Dune Crest
Slope & Aspect Slope - Negligible
Soil Group Deep Sand
Soil Colour Orange
Soil Texture Sand
Rock Type No Rocks
Rock Size and Abundance Sand or Smaller (<2 mm) - No Rocks (0%)
Vegetation Condition 2. Pristine or nearly so
Disturbance Type No Disturbance
Time since Fire > 5 years
Leaf Litter Distribution and Cover Low <10%



| Taxon | Stratum | Cover Class |
|--|---------------|-------------|
| <i>Acacia ligulata</i> | Shrub (1-2 m) | 1-5% |
| <i>Acacia sp. Lake Mackay (P.K. Latz 12836)</i> | Shrub (1-2 m) | 1-5% |
| <i>Grevillea stenobotrya</i> | Shrub (1-2 m) | 1-5% |
| <i>Stylobasium spathulatum</i> | Shrub (1-2 m) | <1% |
| <i>Enchylaena tomentosa</i> | Shrub (0-1 m) | <1% |
| <i>Eremophila willsii</i> | Shrub (0-1 m) | <1% |
| <i>Sida rohlenae</i> | Shrub (0-1 m) | <1% |
| <i>Sida sp. sand dunes (A.A. Mitchell PRP1208)</i> | Shrub (0-1 m) | <1% |
| <i>Solanum ?centrale (indet.)</i> | Shrub (0-1 m) | <1% |
| <i>Triodia schinzii</i> | Hummock Grass | 6-20% |
| <i>Aristida holathera</i> | Grass | <1% |
| <i>Eragrostis eriopoda</i> | Grass | 1-5% |
| <i>Paractaenium refractum</i> | Grass | <1% |
| <i>Calocephalus platycephalus</i> | Herb | <1% |
| <i>Euphorbia wheeleri</i> | Herb | <1% |
| <i>Nicotiana rosulata</i> | Herb | <1% |
| <i>Ptilotus latifolius</i> | Herb | <1% |
| <i>Ptilotus polystachyus</i> | Herb | <1% |
| <i>Salsola australis</i> | Herb | <1% |
| <i>Trachymene glaucifolia</i> | Herb | <1% |
| <i>Trianthema pilosum</i> | Herb | <1% |

Site 99

| | |
|------------------------------------|---|
| Botanist | Andrew Craigie (AIC) |
| Date | 7/09/2016 |
| Quadrat Size | 50 x 50 m |
| NW Corner Coordinates | 52K 0443688 7500133 |
| Landform | Dune Swale |
| Slope & Aspect | Slope - Negligible |
| Soil Group | Sandy |
| Soil Colour | Orange |
| Soil Texture | Sand; Clayey Sand |
| Rock Type | No Rocks |
| Rock Size and Abundance | Sand or Smaller (<2 mm) - No Rocks (0%) |
| Vegetation Condition | 2. Pristine or nearly so |
| Disturbance Type | No Disturbance |
| Time since Fire | > 5 years |
| Leaf Litter Distribution and Cover | Low <10% |



| Taxon | Stratum | Cover Class |
|--|---------------|-------------|
| <i>Acacia ligulata</i> | Shrub (1-2 m) | 1-5% |
| <i>Acacia melleodora</i> | Shrub (1-2 m) | <1% |
| <i>Acacia</i> sp. <i>Lake Mackay</i> (P.K. Latz 12836) | Shrub (1-2 m) | 1-5% |
| <i>Grevillea stenobotrya</i> | Shrub (1-2 m) | <1% |
| <i>Indigofera georgei</i> | Shrub (1-2 m) | 1-5% |
| <i>Stylobasium spathulatum</i> | Shrub (1-2 m) | 1-5% |
| <i>Dicrastylis doranii</i> | Shrub (0-1 m) | <1% |
| <i>Eremophila willsii</i> | Shrub (0-1 m) | <1% |
| <i>Heliotropium glanduliferum</i> | Shrub (0-1 m) | <1% |
| <i>Leiocarpa semicalva</i> | Shrub (0-1 m) | <1% |
| <i>Melaleuca lasiandra</i> | Shrub (0-1 m) | <1% |
| <i>Scaevola ?basedowii</i> (indet.) | Shrub (0-1 m) | <1% |
| <i>Sida rohlenae</i> | Shrub (0-1 m) | <1% |
| <i>Triodia basedowii</i> | Hummock Grass | 6-20% |
| <i>Triodia salina</i> | Hummock Grass | 1-5% |
| <i>Aristida holathera</i> | Grass | 1-5% |
| <i>Eragrostis eriopoda</i> | Grass | 1-5% |
| <i>Eriachne aristidea</i> | Grass | <1% |
| <i>Calandrinia pleiopetala</i> | Herb | <1% |
| <i>Calocephalus platycephalus</i> | Herb | <1% |
| <i>Ptilotus polystachyus</i> | Herb | <1% |

| Taxon | Stratum | Cover Class |
|---|---------|-------------|
| <i>Synaptantha tillaeacea</i> var. <i>hispidula</i> | Herb | <1% |
| <i>Trachymene glaucifolia</i> | Herb | <1% |
| <i>Trianthema pilosum</i> | Herb | <1% |

Site 102

Botanist Andrew Craigie (AIC)
Date 7/09/2016
Quadrat Size 50 x 50 m
NW Corner Coordinates 52K 0453463 7494774
Landform Upper edge of saline depression
Slope & Aspect Slope - Gentle
Soil Group Loamy
Soil Colour Brown; White
Soil Texture Sand Clay Loam
Rock Type No Rocks
Rock Size and Abundance Sand or Smaller (<2 mm) - No Rocks (0%)
Vegetation Condition 2. Pristine or nearly so
Disturbance Type Animal Tracks
Time since Fire No Evidence
Leaf Litter Distribution and Cover Low <10%



| Taxon | Stratum | Cover Class |
|--|---------------|-------------|
| <i>Eremophea spinosa</i> | Shrub (0-1 m) | 1-5% |
| <i>Frankenia cordata</i> | Shrub (0-1 m) | 6-20% |
| <i>Maireana luehmannii</i> | Shrub (0-1 m) | <1% |
| <i>Scaevola collaris</i> | Shrub (0-1 m) | 1-5% |
| <i>Tecticornia calyptata</i> | Shrub (0-1 m) | 1-5% |
| <i>Tecticornia halocnemoides subsp. longispicata</i> | Shrub (0-1 m) | 1-5% |
| <i>Tecticornia indica subsp. leiostachya</i> | Shrub (0-1 m) | 1-5% |
| <i>Aristida holathera</i> | Grass | <1% |
| <i>Eragrostis eriopoda</i> | Grass | <1% |
| <i>Eragrostis falcata</i> | Grass | 1-5% |
| <i>Angianthus cyathifer</i> | Herb | <1% |
| <i>Dysphania kalpari</i> | Herb | <1% |
| <i>Swainsona cyclocarpa</i> | Herb | <1% |
| <i>Zygophyllum compressum</i> | Herb | <1% |

Site 105

Botanist Andrew Craigie (AIC)
Date 7/09/2016
Quadrat Size 50 x 50 m
NW Corner Coordinates 52K 0453848 7491747
Landform Plain with small claypans
Slope & Aspect Slope - Negligible
Soil Group Loamy; Non-Cracking Clay
Soil Colour Orange; Brown
Soil Texture Sand Clay Loam
Rock Type No Rocks
Rock Size and Abundance Sand or Smaller (<2 mm) - No Rocks (0%)
Vegetation Condition 2. Pristine or nearly so
Disturbance Type Animal Tracks
Time since Fire > 5 years
Leaf Litter Distribution and Cover Low <10%



| Taxon | Stratum | Cover Class |
|--|---------------|-------------|
| <i>Dissocarpus paradoxus</i> | Shrub (0-1 m) | 1-5% |
| <i>Eremophila latrobei</i> subsp. <i>filiformis</i> | Shrub (0-1 m) | <1% |
| <i>Eremophila maculata</i> subsp. <i>maculata</i> | Shrub (0-1 m) | <1% |
| <i>Frankenia cordata</i> | Shrub (0-1 m) | 1-5% |
| <i>Pluchea dunlopii</i> | Shrub (0-1 m) | <1% |
| <i>Ptilotus obovatus</i> | Shrub (0-1 m) | <1% |
| <i>Sclerolaena crenata</i> | Shrub (0-1 m) | 1-5% |
| <i>Sclerolaena cuneata</i> | Shrub (0-1 m) | 1-5% |
| <i>Senna artemisioides</i> subsp. <i>oligophylla</i> | Shrub (0-1 m) | 1-5% |
| <i>Sida fibulifera</i> | Shrub (0-1 m) | <1% |
| <i>Streptoglossa bubakii</i> | Shrub (0-1 m) | <1% |
| <i>Stylobasium spathulatum</i> | Shrub (0-1 m) | <1% |
| <i>Triodia salina</i> | Hummock Grass | 1-5% |
| <i>Aristida holathera</i> | Grass | <1% |
| <i>Dactyloctenium radulans</i> | Grass | <1% |
| <i>Enneapogon polyphyllus</i> | Grass | <1% |
| <i>Eragrostis dielsii</i> | Grass | <1% |
| <i>Eragrostis falcata</i> | Grass | 1-5% |
| <i>Fimbristylis dichotoma</i> | Sedge | 1-5% |
| <i>Calandrinia pleiopetala</i> | Herb | <1% |
| <i>Calocephalus platycephalus</i> | Herb | <1% |

| Taxon | Stratum | Cover Class |
|---|---------|-------------|
| <i>Calotis hispidula</i> | Herb | <1% |
| <i>Euphorbia tannensis</i> subsp. <i>eremophila</i> | Herb | <1% |
| <i>Pterocaulon sphacelatum</i> | Herb | <1% |
| <i>Trianthema triquetrum</i> | Herb | <1% |
| <i>Wahlenbergia tumidifructa</i> | Herb | <1% |