

Current Survey Introduced Flora Records

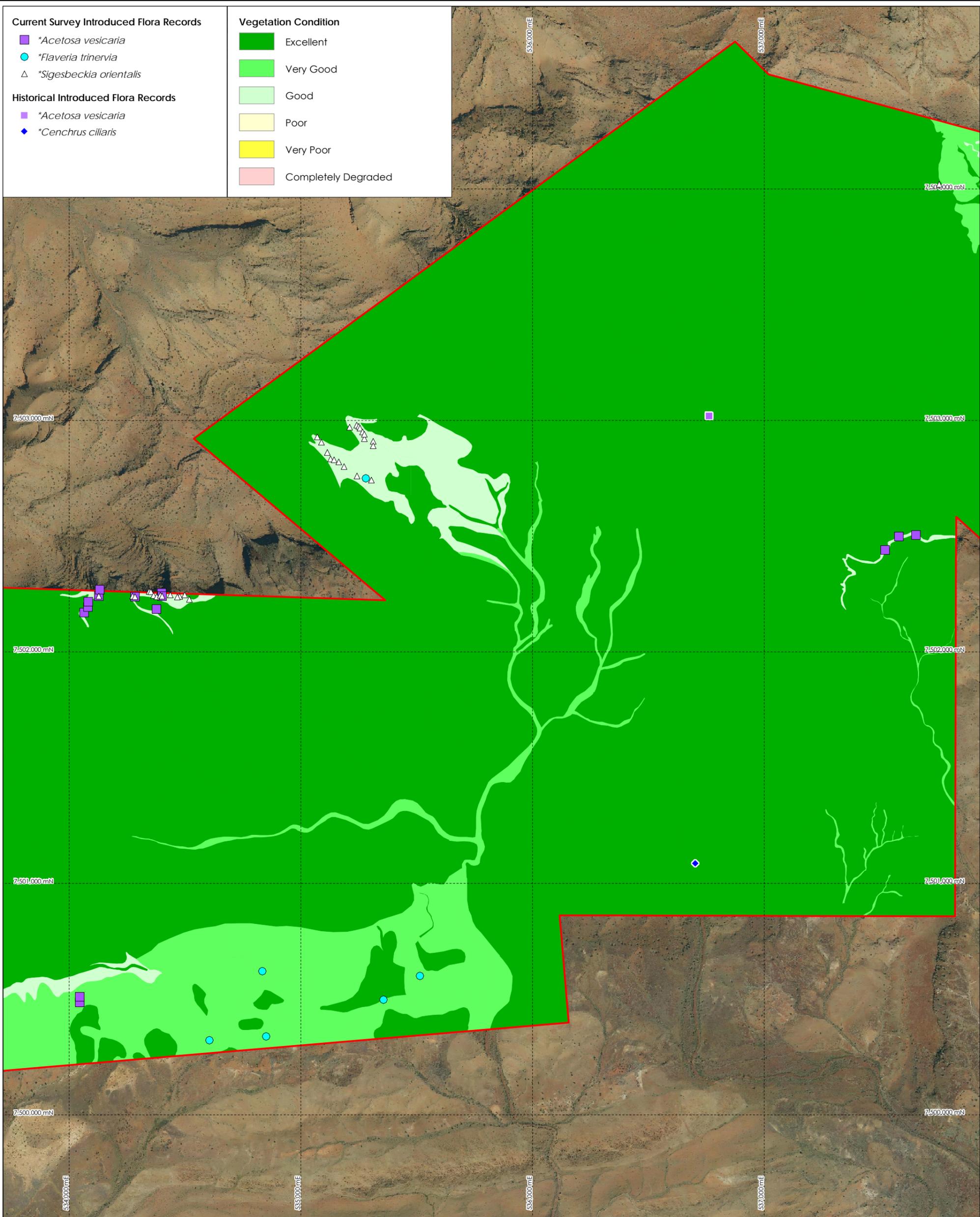
- **Acetosa vesicaria*
- **Flaveria trinervia*
- △ **Sigesbeckia orientalis*

Historical Introduced Flora Records

- **Acetosa vesicaria*
- ◆ **Cenchrus ciliaris*

Vegetation Condition

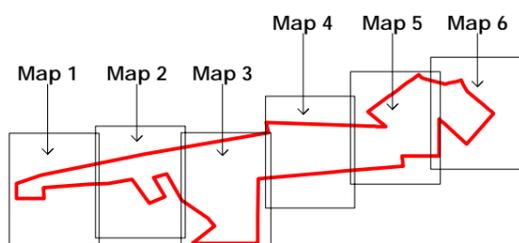
- Excellent
- Very Good
- Good
- Poor
- Very Poor
- Completely Degraded



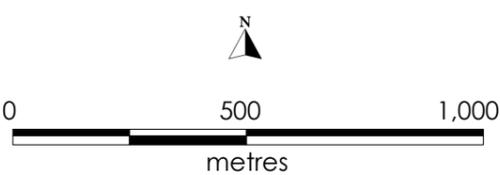
Location Map



Index to Maps



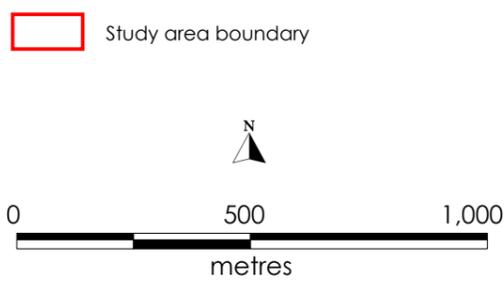
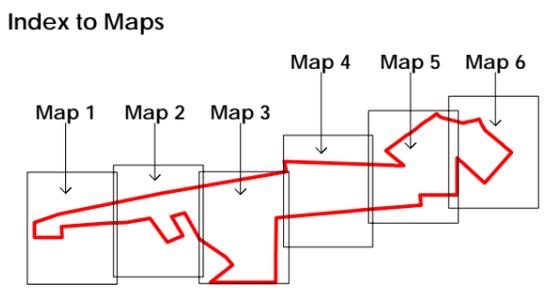
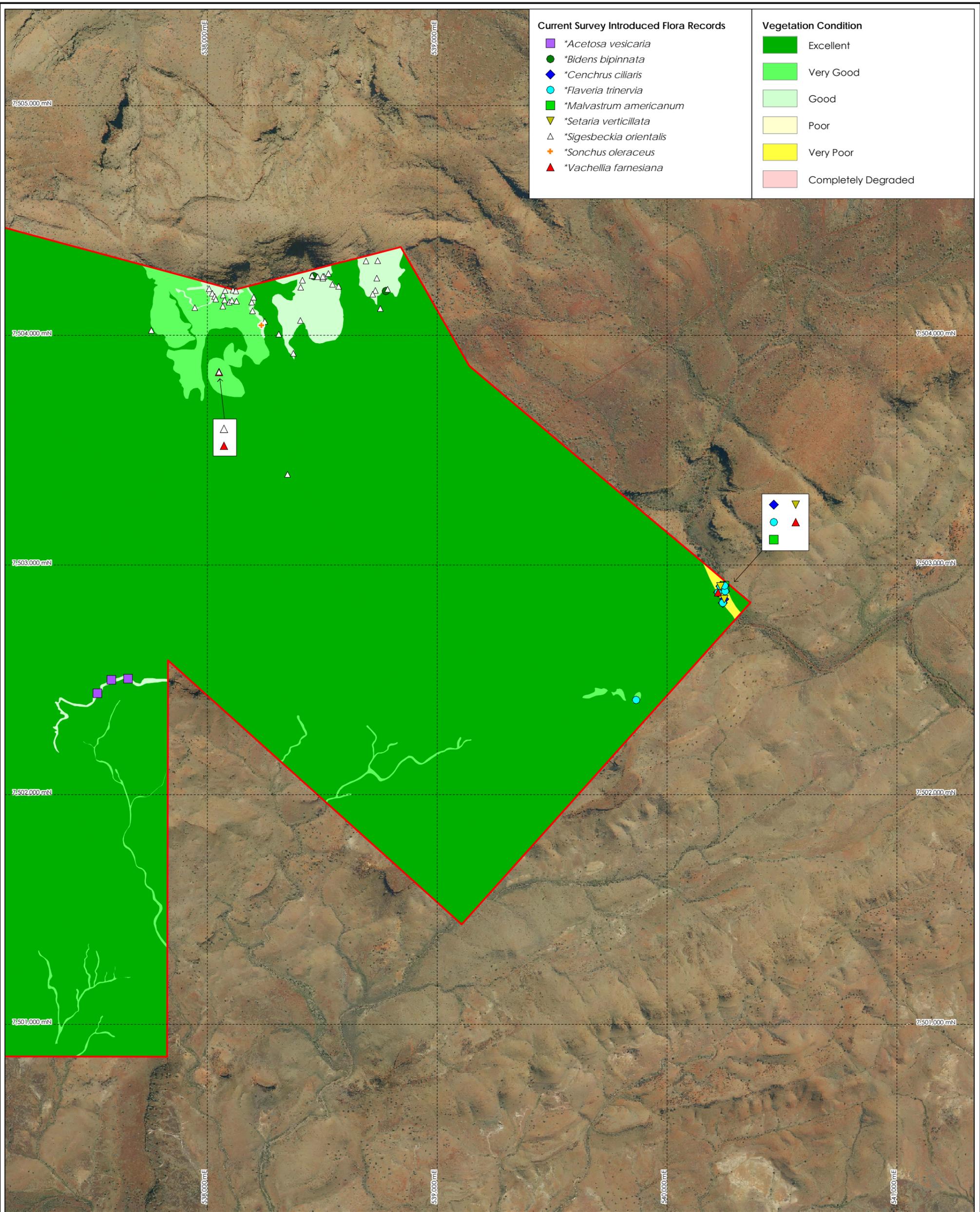
Study area boundary



Marra Mamba Flora Vegetation Condition and Introduced Flora Map 5

Biota
Environmental Sciences





Marra Mamba Flora Vegetation Condition and Introduced Flora Map 6



Appendix 12

Selected Outputs from the Floristic Clustering Analysis



Floristic and Habitat Characteristics of the 12 Floristic Groups Identified from the Regional Cluster Analysis

(Note: "Contributing species" are those that contribute at least 1% to the similarity of quadrats within each group (% similarity within group), and are listed in order of contribution (greatest to least)).

Floristic Group	Total No. of Quadrats	No. of Quadrats in Study Area	% Similarity within Group	Floristic and Habitat Characteristics
Group 1	1	0	(less than two samples in group)	<p><u>Habitat:</u> Plains.</p> <p><u>Contributing species:</u> Group only contains one quadrat. Dominant species from site: <i>Panicum laevinode</i>, <i>Eriachne benthamii</i>, <i>Indigofera trita</i>, <i>Urochloa occidentalis</i> var. <i>ciliata</i>, <i>Sida spinosa</i>, <i>Iseilema macratherum</i>, <i>Vigna</i> sp. Hamersley Clay (A.A. Mitchell PRP 113), <i>Cullen cinereum</i>, <i>Ptilotus gomphrenoides</i>, <i>Ipomoea lonchophylla</i>, <i>Aeschynomene indica</i>, <i>Hibiscus verdcourtii</i>.</p> <p><u>Sites from the study area:</u> none.</p> <p><u>Landform, study area:</u> n/a.</p> <p><u>Vegetation units (sites), study area:</u> n/a.</p>
Group 2	1	0	(less than two samples in group)	<p><u>Habitat:</u> Plains.</p> <p><u>Contributing species:</u> Group only contains one quadrat. Dominant species from site: <i>Setaria dielsii</i>.</p> <p><u>Sites from the study area:</u> none.</p> <p><u>Landform, study area:</u> n/a.</p> <p><u>Vegetation units (sites), study area:</u> n/a.</p>
Group 3	5	0	23.5%	<p><u>Habitat:</u> Plains.</p> <p><u>Contributing species:</u> <i>Polymeria longifolia</i>, <i>Chrysopogon fallax</i>, <i>Aristida latifolia</i>, <i>Astrebla</i> sp., <i>Eucalyptus xerothermica</i>, <i>Eulalia aurea</i>, <i>Brachyachne convergens</i>, <i>Eragrostis xerophila</i>, <i>Iseilema macratherum</i>, <i>Neptunia dimorphantha</i>, <i>Phyllanthus maderaspatensis</i>, <i>Rhynchosia minima</i>, <i>Themeda</i> sp. Hamersley Station (M.E. Trudgen 11431).</p> <p><u>Sites from the study area:</u> none.</p> <p><u>Landform, study area:</u> n/a.</p> <p><u>Vegetation units (sites), study area:</u> n/a.</p>

Floristic Group	Total No. of Quadrats	No. of Quadrats in Study Area	% Similarity within Group	Floristic and Habitat Characteristics
Group 4	3	0	43.7%	<p><u>Habitat:</u> Drainage.</p> <p><u>Contributing species:</u> <i>Bergia trimera</i>, <i>Alternanthera nana</i>, <i>Ammannia multiflora</i>, <i>Aristida contorta</i>, <i>Bergia pedicellaris</i>, <i>Bulbostylis barbata</i>, <i>Bulbostylis turbinata</i>, <i>Calandrinia ptychosperma</i>, <i>Calotis plumulifera</i>, *<i>Cenchrus ciliaris</i>, <i>Centipeda minima</i> subsp. <i>macrocephala</i>, <i>Cleome viscosa</i>, <i>Corchorus lasiocarpus</i>, <i>Cyperus iria</i>, <i>Cyperus squarrosus</i>, <i>Digitaria brownii</i>, <i>Dysphania rhadinostachya</i>, <i>Eragrostis cumingii</i>, <i>Eragrostis leptocarpa</i>, <i>Eragrostis tenellula</i>, <i>Eriachne pulchella</i>, <i>Eucalyptus victrix</i>, <i>Gomphrena canescens</i> subsp. <i>canescens</i>, <i>Gomphrena cunninghamii</i>, <i>Goodenia lamprosperma</i>, <i>Indigofera</i> sp. Bungaroo Creek (S. van Leeuwen 4301), <i>Jasminum didymum</i> subsp. <i>lineare</i>, <i>Marsilea hirsuta</i>, <i>Mollugo molluginea</i>, <i>Peplidium muelleri</i>, <i>Phyllanthus erwinii</i>, <i>Phyllanthus maderaspatensis</i>, <i>Polycarphaea longiflora</i>, <i>Pterocaulon</i> sp., <i>Stemodia grossa</i>, <i>Tephrosia rosea</i> var. <i>Fortescue creeks</i> (M.I.H. Brooker 2186).</p> <p><u>Sites from the study area:</u> none.</p> <p><u>Landform, study area:</u> n/a.</p> <p><u>Vegetation units (sites), study area:</u> n/a.</p>
Group 5	1	0	(less than two samples in group)	<p><u>Habitat:</u> Hill.</p> <p><u>Contributing species:</u> Group only contains one quadrat. Dominant species from site: <i>Themeda triandra</i>, <i>Acacia aneura</i>, <i>Peripleura arida</i>, <i>Acacia pruinocarpa</i>, <i>Eucalyptus leucophloia</i> subsp. <i>leucophloia</i>, <i>Ptilotus obovatus</i> var. <i>obovatus</i>.</p> <p><u>Sites from the study area:</u> none.</p> <p><u>Landform, study area:</u> n/a.</p> <p><u>Vegetation units (sites), study area:</u> n/a.</p>
Group 6	1	0	(less than two samples in group)	<p><u>Habitat:</u> Drainage.</p> <p><u>Contributing species:</u> Group only contains one quadrat. Dominant species from site: <i>Melaleuca glomerata</i>, <i>Eucalyptus camaldulensis</i> subsp. <i>refulgens</i>, <i>Gossypium robinsonii</i>, <i>Triodia wiseana</i>, <i>Acacia pyrifolia</i>, <i>Petalostylis labicheoides</i>, <i>Acacia coriacea</i> subsp. <i>pendens</i>.</p> <p><u>Sites from the study area:</u> none.</p> <p><u>Landform, study area:</u> n/a.</p> <p><u>Vegetation units (sites), study area:</u> n/a.</p>

Floristic Group	Total No. of Quadrats	No. of Quadrats in Study Area	% Similarity within Group	Floristic and Habitat Characteristics
Group 7	16	9	41.3%	<p><u>Habitat:</u> Gorge/gully, hill.</p> <p><u>Contributing species:</u> <i>Corymbia ferriticola</i>, <i>Triodia</i> sp. (<i>epactia/pungens</i>), <i>Eriachne mucronata</i>, <i>Acacia citrinoviridis</i>, <i>Dodonaea pachyneura</i>, <i>Acacia pruinocarpa</i>, <i>Themeda</i> sp. Mt Barricade (M.E. Trudgen 2471), <i>Acacia aneura</i>, <i>Cymbopogon</i> sp., <i>Duperreya commixta</i>, <i>Jasminum didymum</i> subsp. <i>lineare</i>, <i>Eremophila latrobei</i> subsp. <i>latrobei</i>, <i>Cucumis variabilis</i>.</p> <p><u>Sites from the study area:</u> BMF-RCA, BNV-RPAA, BNV-RPB, BMF-RMR, BMF-RMJ, BMFRSPB, BMFRSPD, BMF-RMM, BMF-RMW.</p> <p><u>Landform, study area:</u> Gorges, gullies and free faces.</p> <p><u>Vegetation units (sites), study area:</u> G1 (3 sites), G2 (6 sites).</p>
Group 8	28	15	44.4%	<p><u>Habitat:</u> Drainage, gorge/gully, floodplain.</p> <p><u>Contributing species:</u> <i>Triodia</i> sp. (<i>epactia/pungens</i>), <i>Acacia citrinoviridis</i>, <i>A. bivenosa</i>, <i>Petalostylis labicheoides</i>, <i>Themeda triandra</i>, <i>Gossypium robinsonii</i>, <i>Jasminum didymum</i> subsp. <i>lineare</i>, *<i>Cenchrus ciliaris</i>, <i>Eucalyptus leucophloia</i> subsp. <i>leucophloia</i>.</p> <p><u>Sites from the study area:</u> BRO06, BMF-RMS, BMF-RMU, BRO25, MMF09, BMF-RMF, BMF-RMI, BMF-RMY, BMF-RMV, BRO12, BMFRSPC, MMF12, BMF-RCB, BMF15, BMF-RMH.</p> <p><u>Landform, study area:</u> Moderate-sized and minor creeklines.</p> <p><u>Vegetation units (sites), study area:</u> C2 (2 sites), C3 (4 sites), C4 (2 sites), C5 (2 sites), C7 (5 sites).</p>
Group 9	8	2	40.2%	<p><u>Habitat:</u> Drainage, hill, floodplain.</p> <p><u>Contributing species:</u> <i>Acacia citrinoviridis</i>, <i>Triodia wiseana</i>, <i>Acacia bivenosa</i>, <i>Stylobasium spathulatum</i>, <i>Petalostylis labicheoides</i>, <i>Enneapogon caerulescens</i>, <i>Triodia angusta</i>, <i>Corchorus crozophorifolius</i>, <i>Duperreya commixta</i>, <i>Euphorbia</i> sp., <i>Evolvulus alsinoides</i>, <i>Jasminum didymum</i> subsp. <i>lineare</i>, <i>Melhaniania oblongifolia</i>, <i>Notoleptopus decaisnei</i>, <i>Paspalidium clementii</i>, <i>Ptilotus nobilis</i> subsp. <i>nobilis</i>, <i>Sporobolus australasicus</i>, <i>Senna glutinosa</i> subsp. <i>x luerssenii</i>, <i>Oldenlandia crouchiana</i>, <i>Senna artemisioides</i> subsp. <i>oligophylla</i>, <i>Trachymene oleracea</i> subsp. <i>oleracea</i>, <i>Ptilotus obovatus</i> var. <i>obovatus</i>.</p> <p><u>Sites from the study area:</u> BMF02, BMF04.</p> <p><u>Landform, study area:</u> Crests of low calcrete hills.</p> <p><u>Vegetation units (sites), study area:</u> H13 (2 sites).</p>
Group 10	26	5	44.5%	<p><u>Habitat:</u> Drainage, floodplain, plain.</p> <p><u>Contributing species:</u> *<i>Cenchrus ciliaris</i>, <i>Acacia citrinoviridis</i>, <i>Eucalyptus victrix</i>, <i>E. camaldulensis</i> subsp. <i>refulgens</i>, <i>Acacia pyrifolia</i>, <i>Eucalyptus xerothermica</i>, <i>Themeda triandra</i>, <i>Evolvulus alsinoides</i>, <i>Petalostylis labicheoides</i>, <i>Acacia bivenosa</i>.</p> <p><u>Sites from the study area:</u> BMF09, BMF12, BMF-RMD, BMF-RMZ, BMF-RMB.</p> <p><u>Landform, study area:</u> Major creek and moderate-sized creeklines.</p> <p><u>Vegetation units (sites), study area:</u> C1 (1 site), C2 (4 sites).</p>

Floristic Group	Total No. of Quadrats	No. of Quadrats in Study Area	% Similarity within Group	Floristic and Habitat Characteristics
Group 11	7	0	38.7%	<p><u>Habitat:</u> Drainage.</p> <p><u>Contributing species:</u> <i>Eucalyptus victrix</i>, <i>Acacia citrinoviridis</i>, <i>Eulalia aurea</i>, *<i>Cenchrus ciliaris</i>, <i>Eriachne tenuiculmis</i>, <i>Euphorbia</i> sp., <i>Phyllanthus maderaspatensis</i>, <i>Cymbopogon</i> sp., <i>Eucalyptus camaldulensis</i> subsp. <i>refulgens</i>, <i>Triodia</i> sp. (<i>epactia/pungens</i>), <i>Melaleuca glomerata</i>, <i>Acacia pyrifolia</i>, <i>Waltheria indica</i>, <i>Cleome viscosa</i>, <i>Gossypium robinsonii</i>, <i>Themeda triandra</i>, <i>Tephrosia rosea</i> var. Fortescue creeks (M.I.H. Brooker 2186), <i>Eriachne mucronata</i>, <i>Acacia coriacea</i> subsp. <i>pendens</i>, <i>Stemodia grossa</i>.</p> <p><u>Sites from the study area:</u> none.</p> <p><u>Landform, study area:</u> n/a.</p> <p><u>Vegetation units (sites), study area:</u> n/a.</p>
Group 12	6	0	30.5%	<p><u>Habitat:</u> Drainage, floodplain.</p> <p><u>Contributing species:</u> <i>Acacia pyrifolia</i>, <i>Triodia</i> sp. (<i>epactia/pungens</i>), <i>Themeda triandra</i>, <i>Bonamia erecta</i>, <i>Corchorus lasiocarpus</i>, *<i>Cenchrus ciliaris</i>, <i>Ptilotus obovatus</i> var. <i>obovatus</i>, <i>Indigofera monophylla</i>, <i>Acacia bivenosa</i>, <i>Chrysopogon fallax</i>, <i>Jasminum didymum</i> subsp. <i>lineare</i>, <i>Acacia citrinoviridis</i>, <i>Ptilotus nobilis</i> subsp. <i>nobilis</i>, <i>Aristida holathera</i> var. <i>holathera</i>, <i>Paraneurachne muelleri</i>, <i>Aristida contorta</i>, <i>Dysphania rhadinostachya</i>, <i>Ptilotus helipteroides</i>, <i>Rhynchosia minima</i>, <i>Trichodesma zeylanicum</i> var. <i>zeylanicum</i>, <i>Eremophila longifolia</i>, <i>Senna artemisioides</i> subsp. <i>oligophylla</i>, <i>Tephrosia rosea</i> var. Fortescue creeks (M.I.H. Brooker 2186).</p> <p><u>Sites from the study area:</u> none.</p> <p><u>Landform, study area:</u> n/a.</p> <p><u>Vegetation units (sites), study area:</u> n/a.</p>
Group 13	2	0	37.4%	<p><u>Habitat:</u> Hill.</p> <p><u>Contributing species:</u> <i>Eucalyptus leucophloia</i> subsp. <i>leucophloia</i>, <i>Acacia exigua</i>, <i>Amphipogon</i> sp., <i>Aristida contorta</i>, <i>Aristida holathera</i> var. <i>holathera</i>, <i>Capparis lasiantha</i>, <i>Cymbopogon</i> sp., <i>Enneapogon polyphyllus</i>, <i>Eriachne aristidea</i>, <i>E. mucronata</i>, <i>E. pulchella</i>, <i>Gompholobium oreophilum</i>, <i>Goodenia stobbsiana</i>, <i>Hakea chordophylla</i>, <i>Keraudrenia nephrosperma</i>, <i>Ptilotus calostachyus</i>.</p> <p><u>Sites from the study area:</u> none.</p> <p><u>Landform, study area:</u> n/a.</p> <p><u>Vegetation units (sites), study area:</u> n/a.</p>

Floristic Group	Total No. of Quadrats	No. of Quadrats in Study Area	% Similarity within Group	Floristic and Habitat Characteristics
Group 14	50	12	43.6%	<p><u>Habitat:</u> Hill, (gorge/gully, drainage, plain).</p> <p><u>Contributing species:</u> <i>Triodia brizoides</i>, <i>Eucalyptus leucophloia</i> subsp. <i>leucophloia</i>, <i>A. maitlandii</i>, <i>Senna glutinosa</i> subsp. <i>glutinosa</i>, <i>Triodia</i> sp. (<i>epactia/pungens</i>), <i>Acacia bivenosa</i>, <i>Senna glutinosa</i> subsp. <i>pruinosa</i>, <i>Acacia pruinocarpa</i>, <i>Cymbopogon</i> sp.</p> <p><u>Sites from the study area:</u> BNV01, BNV05, BNV-RPAB, BMF19, BMF35, BMF-RMA, BRO42, BMF-RME, BMF01, BMF03, BMF24, BMFRSPF.</p> <p><u>Landform, study area:</u> Hills and stony plains.</p> <p><u>Vegetation units (sites), study area:</u> H4 (2 sites), H4/H5 (2 sites), H9 (3 sites), H10 (4 sites), P2 (1 site).</p>
Group 15	3	0	49.9%	<p><u>Habitat:</u> Hill.</p> <p><u>Contributing species:</u> <i>Acacia exigua</i>, <i>Triodia wiseana</i>, <i>Paraneurachne muelleri</i>, <i>Acacia maitlandii</i>, <i>Eucalyptus leucophloia</i> subsp. <i>leucophloia</i>, <i>Amphipogon</i> sp. <i>Eriachne aristidea</i>, <i>E. mucronata</i>, <i>Gompholobium oreophilum</i>, <i>Goodenia stobbsiana</i>, <i>Hakea chordophylla</i>, <i>Hibiscus coatesii</i>, <i>Ptilotus calostachyus</i>.</p> <p><u>Sites from the study area:</u> none.</p> <p><u>Landform, study area:</u> n/a.</p> <p><u>Vegetation units, study area:</u> n/a.</p>
Group 16	163	37	43.8%	<p><u>Habitat:</u> Hill, plain, (drainage, floodplain).</p> <p><u>Contributing species:</u> <i>Triodia wiseana</i>, <i>Eucalyptus leucophloia</i> subsp. <i>leucophloia</i>, <i>Acacia maitlandii</i>, <i>A. bivenosa</i>, <i>Senna glutinosa</i> subsp. <i>pruinosa</i>, <i>S. glutinosa</i> subsp. <i>glutinosa</i>.</p> <p><u>Sites from the study area:</u> BMF-RCC, BMF-RMAA, BMF-RMO, BMF-RMT, BMF05, BMF10, BMF16, BMF18, BMF20, BMF21, BMF23, BMF25, BMF27, BMF28, BMF29, BMF30, BMF32, BMF36, BMF37, BMFRSPG, BNV06, BNV07, BNV08, BNV10, BNV11, BRO-RB, BRO07, BRO44, MMF01, MMF02, MMF04, MMF05, MMF07, MMF15, MMF17, WQR01, WQR02.</p> <p><u>Landform, study area:</u> Hills, broad valleys.</p> <p><u>Vegetation units (sites), study area:</u> H1 (2 sites), H2 (1 site), H3 (1 site), H7 (6 sites), H8 (2 sites), H11 (8 sites), H12 (5 sites), H14 (5 sites), H15 (4 sites), P3 (2 sites), A2 (1 site).</p>
Group 17	3	1	33.0%	<p><u>Habitat:</u> Plain.</p> <p><u>Contributing species:</u> <i>Triodia wiseana</i>, <i>Eucalyptus socialis</i> subsp. <i>eucentrica</i>, <i>Acacia bivenosa</i>, <i>A. synchronica</i>, <i>Aristida contorta</i>, <i>A. holathera</i> var. <i>holathera</i>, <i>Corchorus lasiocarpus</i>, <i>Enneapogon caeruleus</i>, <i>Enneapogon polyphyllus</i>, <i>Eriachne aristidea</i>, <i>Goodenia microptera</i>, <i>Goodenia stobbsiana</i>, <i>Jasminum didymum</i> subsp. <i>lineare</i>, <i>Paraneurachne muelleri</i>, <i>Ptilotus nobilis</i> subsp. <i>nobilis</i>, <i>Sida echinocarpa</i>, <i>Acacia atkinsiana</i>, <i>Acacia maitlandii</i>, <i>Eriachne pulchella</i>, <i>Maireana georgei</i>, <i>Senna artemisioides</i> subsp. <i>oligophylla</i>, <i>Senna glutinosa</i> subsp. <i>glutinosa</i>, <i>Senna glutinosa</i> subsp. <i>x luerssenii</i>, <i>Tribulus suberosus</i>, <i>Triodia</i> sp. (<i>epactia/pungens</i>).</p> <p><u>Sites from the study area:</u> MMF11.</p> <p><u>Landform, study area:</u> Broad stony plain.</p> <p><u>Vegetation units (sites), study area:</u> P2 (1 site).</p>

Floristic Group	Total No. of Quadrats	No. of Quadrats in Study Area	% Similarity within Group	Floristic and Habitat Characteristics
Group 18	7	0	46.5%	<p><u>Habitat</u>: Hill, plain.</p> <p><u>Contributing species</u>: <i>Acacia aneura</i>, <i>Triodia wiseana</i>, <i>Aristida contorta</i>, <i>Enneapogon polyphyllus</i>, <i>Evolvulus alsinoides</i>, <i>Hibiscus sturtii</i>, <i>Paspalidium clementii</i>, <i>Sida echinocarpa</i>, <i>Sida</i> sp. spiciform panicles (E. Leyland s.n. 14/8/90), <i>Sporobolus australasicus</i>, <i>Triodia</i> sp. (<i>epactia/pungens</i>), <i>Bulbostylis barbata</i>, <i>Gomphrena kanisii</i>, <i>Acacia tetragonophylla</i>, <i>Notoleptopus decaisnei</i>, <i>Polycarpaea corymbosa</i> var. <i>corymbosa</i>, <i>Cucumis variabilis</i>, <i>Enneapogon caerulescens</i>, <i>Tribulus suberosus</i>.</p> <p><u>Sites from the study area</u>: none.</p> <p><u>Landform, study area</u>: n/a.</p> <p><u>Vegetation units (sites), study area</u>: n/a.</p>
Group 19	21	3	43.2%	<p><u>Habitat</u>: Hill, plain, (drainage).</p> <p><u>Contributing species</u>: <i>Acacia aneura</i>, <i>Triodia</i> sp. (<i>epactia/pungens</i>), <i>Acacia pruinocarpa</i>, <i>Grevillea berryana</i>, <i>Triodia wiseana</i>, <i>Eremophila forrestii</i> subsp. <i>forrestii</i>, <i>Ptilotus nobilis</i> subsp. <i>nobilis</i>, <i>Eriachne pulchella</i>, <i>Triodia melvillei</i>, <i>Trichodesma zeylanicum</i> var. <i>zeylanicum</i>.</p> <p><u>Sites from the study area</u>: BMFRSPE, BNV-RPPA, BNV-RRPC.</p> <p><u>Landform, study area</u>: Hill.</p> <p><u>Vegetation units (sites), study area</u>: A4 (3 sites).</p>
Group 20	21	7	46.3%	<p><u>Habitat</u>: Hill, plain, (floodplain).</p> <p><u>Contributing species</u>: <i>Acacia aneura</i>, <i>A. xiphophylla</i>, <i>Triodia</i> sp. (<i>epactia/pungens</i>), <i>T. angusta</i>, <i>Senna stricta</i>, <i>Triodia wiseana</i>, <i>Eremophila cuneifolia</i>, <i>Senna glutinosa</i> subsp. x <i>luerssenii</i>, <i>Eriachne pulchella</i>, <i>Ptilotus schwartzii</i> var. <i>schwartzii</i>, <i>P. nobilis</i> subsp. <i>nobilis</i>, <i>Aristida contorta</i>, <i>Enneapogon polyphyllus</i>, <i>Tribulus suberosus</i>, <i>Maireana georgei</i>, <i>Sporobolus australasicus</i>.</p> <p><u>Sites from the study area</u>: BMF31, BMF-RMQ, BMF14, BRO43, BMF-RMG, BRO-MI, MMF10.</p> <p><u>Landform, study area</u>: Plains, hills.</p> <p><u>Vegetation units (sites), study area</u>: A2 (6 sites), A3 (1 site)</p>
Group 21	9	3	41.3%	<p><u>Habitat</u>: Hill, plain.</p> <p><u>Contributing species</u>: <i>Acacia xiphophylla</i>, <i>Triodia angusta</i>, <i>T. wiseana</i>, <i>Eremophila cuneifolia</i>, <i>Acacia aneura</i>, <i>Ptilotus nobilis</i> subsp. <i>nobilis</i>, <i>Duperreya commixta</i>, <i>Senna glutinosa</i> subsp. x <i>luerssenii</i>, <i>Enneapogon caerulescens</i>, <i>Enchylaena tomentosa</i> var. <i>tomentosa</i>, <i>Senna stricta</i>.</p> <p><u>Sites from the study area</u>: BMF26, BRO23, BMF-RMP.</p> <p><u>Landform, study area</u>: Plains.</p> <p><u>Vegetation units (sites), study area</u>: A2 (3 sites).</p>

Floristic Group	Total No. of Quadrats	No. of Quadrats in Study Area	% Similarity within Group	Floristic and Habitat Characteristics
Group 22	17	3	48.8%	<p><u>Habitat:</u> Hill, plain, gorge/gully.</p> <p><u>Contributing species:</u> <i>Triodia</i> sp. (<i>epactia/pungens</i>), <i>Eucalyptus leucophloia</i> subsp. <i>leucophloia</i>, <i>Acacia pruinocarpa</i>, <i>Senna glutinosa</i> subsp. <i>glutinosa</i>, <i>Eriachne mucronata</i>, <i>Acacia bivenosa</i>, <i>Senna glutinosa</i> subsp. <i>x luerssenii</i>.</p> <p><u>Sites from the study area:</u> BNV-RJ01, BMF13, BMF22.</p> <p><u>Landform, study area:</u> Drainage, gorge/gully, hill.</p> <p><u>Vegetation units (sites), study area:</u> C4 (1 site), G2 (1 site), H5 (1 site).</p>
Group 23	27	7	44.6%	<p><u>Habitat:</u> Hill, plain, drainage, floodplain, gorge/gully.</p> <p><u>Contributing species:</u> <i>Triodia</i> sp. (<i>epactia/pungens</i>), <i>Acacia aneura</i>, <i>A. pruinocarpa</i>, <i>A. bivenosa</i>.</p> <p><u>Sites from the study area:</u> MMF08, BRO27, BMF11, BMF-RMX, BNV03, BMF17, BNV02.</p> <p><u>Landform, study area:</u> Drainage, plain, hill, gorge/gully.</p> <p><u>Vegetation units (sites), study area:</u> C9 (2 sites), A3 (1 site), A4 (1 site), G1 (1 site), H5 (1 site), H6 (1 site).</p>
Group 24	25	8	46.5%	<p><u>Habitat:</u> Hill, plain.</p> <p><u>Contributing species:</u> <i>Triodia wiseana</i>, <i>T. sp. (epactia/pungens)</i>, <i>Acacia aneura</i>, <i>Eucalyptus leucophloia</i> subsp. <i>leucophloia</i>, <i>Acacia pruinocarpa</i>, <i>A. bivenosa</i>.</p> <p><u>Sites from the study area:</u> BMFRSPH, BRO04, BMF-RMN, BRO05, MMF14, BNV04, BNV09, MMF28.</p> <p><u>Landform, study area:</u> Hills, plains.</p> <p><u>Vegetation units (sites), study area:</u> A3 (3 sites), A4 (1 site), H5 (1 site), H5/H7 (2 sites), H12 (1 site).</p>
Group 25	7	1	42.1%	<p><u>Habitat:</u> Hill, plain, drainage.</p> <p><u>Contributing species:</u> <i>Triodia</i> sp. (<i>epactia/pungens</i>), <i>Acacia atkinsiana</i>, <i>Triodia wiseana</i>, <i>Paraneurachne muelleri</i>, <i>Acacia exigua</i>, <i>A. aneura</i>, <i>A. bivenosa</i>, <i>A. maitlandii</i>, <i>Keraudrenia nephrosperma</i>, <i>Euphorbia</i> sp., <i>Evolvulus alsinoides</i>, <i>Indigofera monophylla</i>.</p> <p><u>Sites from the study area:</u> BRO11.</p> <p><u>Landform, study area:</u> Drainage.</p> <p><u>Vegetation units (sites), study area:</u> C8 (1 site).</p>
Group 26	11	3	37.6%	<p><u>Habitat:</u> Drainage, gorge/gully.</p> <p><u>Contributing species:</u> <i>Triodia</i> sp. (<i>epactia/pungens</i>), <i>Acacia monticola</i>, <i>Themeda triandra</i>, <i>Corymbia hamersleyana</i>, <i>Acacia atkinsiana</i>, <i>Petalostylis labicheoides</i>, <i>Eucalyptus leucophloia</i> subsp. <i>leucophloia</i>, <i>Gossypium robinsonii</i>, <i>Acacia bivenosa</i>, <i>Triodia wiseana</i>, <i>Eriachne mucronata</i>, <i>Jasminum didymum</i> subsp. <i>lineare</i>, <i>Acacia maitlandii</i>, <i>A. tumida</i> var. <i>pilbarensis</i>, <i>Indigofera monophylla</i>, <i>Paraneurachne muelleri</i>, <i>Ptilotus nobilis</i> subsp. <i>nobilis</i>.</p> <p><u>Sites from the study area:</u> BMFRSPA, BMF-RMK, BMF-RML.</p> <p><u>Landform, study area:</u> Drainage.</p> <p><u>Vegetation units (sites), study area:</u> C6 (1 site), C8 (2 sites).</p>

Floristic Group	Total No. of Quadrats	No. of Quadrats in Study Area	% Similarity within Group	Floristic and Habitat Characteristics
Group 27	6	3	40.1%	<p><u>Habitat:</u> Plain.</p> <p><u>Contributing species:</u> <i>Acacia xiphophylla</i>, <i>Sida fibulifera</i>, <i>Senna artemisioides</i> subsp. <i>oligophylla</i>, <i>Senna artemisioides</i> subsp. <i>oligophylla</i> x subsp. <i>helmsii</i>, <i>Streptoglossa bubakii</i>, <i>Triodia longiceps</i>, <i>Scaevola spinescens</i>, <i>Senna</i> sp. Karijini (M.E. Trudgen 10392), <i>Cleome viscosa</i>, <i>Ptilotus nobilis</i> subsp. <i>nobilis</i>, <i>Senna glutinosa</i> subsp. x <i>luerssenii</i>, <i>Rhagodia eremaea</i>, <i>Salsola australis</i>, <i>Eremophila cuneifolia</i>, <i>Enchylaena tomentosa</i> var. <i>tomentosa</i>.</p> <p><u>Sites from the study area:</u> BMF-RMC, BMF06, BMF08.</p> <p><u>Landform, study area:</u> Plain (cracking clay, on the Wona land system).</p> <p><u>Vegetation units (sites), study area:</u> A1 (3 sites).</p>
Group 28	5	0	50.9%	<p><u>Habitat:</u> Hill, plain.</p> <p><u>Contributing species:</u> <i>Triodia longiceps</i>, <i>Acacia xiphophylla</i>, <i>A. aneura</i>, <i>Duperreya commixta</i>, <i>Eremophila cuneifolia</i>, <i>Acacia synchronicia</i>, <i>Sporobolus australasicus</i>, <i>Brachyachne prostrata</i>, <i>Sclerolaena eriacantha</i>, <i>Enneapogon caerulescens</i>, <i>Enneapogon polyphyllus</i>, <i>Evolvulus alsinoides</i>, <i>Ptilotus nobilis</i> subsp. <i>nobilis</i>, <i>Senna artemisioides</i> subsp. <i>oligophylla</i>.</p> <p><u>Sites from the study area:</u> none.</p> <p><u>Landform, study area:</u> n/a.</p> <p><u>Vegetation units (sites), study area:</u> n/a.</p>
Group 29	8	2	52.1%	<p><u>Habitat:</u> Hill, plain.</p> <p><u>Contributing species:</u> <i>Triodia longiceps</i>, <i>T. angusta</i>, <i>Acacia synchronicia</i>, <i>A. bivenosa</i>, <i>Maireana thesioides/melanocoma</i>, <i>Eucalyptus leucophloia</i> subsp. <i>leucophloia</i>.</p> <p><u>Sites from the study area:</u> BMF07, BMF33.</p> <p><u>Landform, study area:</u> Plains.</p> <p><u>Vegetation units (sites), study area:</u> P1 (2 sites).</p>
Group 30	14	1	48.3%	<p><u>Habitat:</u> Hill, plain drainage.</p> <p><u>Contributing species:</u> <i>Triodia longiceps</i>, <i>Eucalyptus leucophloia</i> subsp. <i>leucophloia</i>, <i>Acacia bivenosa</i>, <i>Triodia brizoides</i>, <i>Ptilotus nobilis</i> subsp. <i>nobilis</i>, <i>Acacia synchronicia</i>, <i>Sporobolus australasicus</i>.</p> <p><u>Sites from the study area:</u> MMF03.</p> <p><u>Landform, study area:</u> Plains.</p> <p><u>Vegetation units (sites), study area:</u> P2 (1 site).</p>

Floristic Group	Total No. of Quadrats	No. of Quadrats in Study Area	% Similarity within Group	Floristic and Habitat Characteristics
Group 31	15	4	45.0%	<p><u>Habitat</u>: Hill, plain.</p> <p><u>Contributing species</u>: <i>Triodia angusta</i>, <i>T. brizoides</i>, <i>Acacia bivenosa</i>, <i>Ptilotus nobilis</i> subsp. <i>nobilis</i>, <i>Eucalyptus leucophloia</i> subsp. <i>leucophloia</i>, <i>Acacia synchronicia</i>, <i>Triodia wiseana</i>, <i>Senna glutinosa</i> subsp. <i>x luerssenii</i>.</p> <p><u>Sites from the study area</u>: MMF06, MMF13, BRO13, BMF34.</p> <p><u>Landform, study area</u>: Plains.</p> <p><u>Vegetation units (sites), study area</u>: P1 (3 sites), P2 (1 site).</p>

Appendix 13

List of Vascular Flora Recorded from the Current Survey, with Additional Species from Previous Surveys



Family	Species (NB. * denotes weed species)	Current Survey	Previous Surveys
Acanthaceae	<i>Dicladantha forrestii</i>	✓	
	<i>Dipteracanthus australasicus</i> subsp. <i>australasicus</i>	✓	
	<i>Harnieria kempeana</i> subsp. <i>muelleri</i>	✓	
Amaranthaceae	<i>Alternanthera nana</i>	✓	
	<i>Amaranthus cochleitepalus</i>	✓	
	<i>Amaranthus cuspidifolius</i>	✓	
	<i>Amaranthus undulatus</i>	✓	
	<i>Amaranthus</i> aff. <i>undulatus</i> (round leaves, short tepals)	✓	
	<i>Gomphrena canescens</i> subsp. <i>canescens</i>	✓	
	<i>Gomphrena cunninghamii</i>	✓	
	<i>Gomphrena kanisii</i>	✓	
	<i>Gomphrena</i> sp. (insufficient material for further determination)	✓	
	<i>Ptilotus aevroides</i>	✓	
	<i>Ptilotus astrolasius</i>	✓	
	<i>Ptilotus auriculifolius</i>	✓	
	<i>Ptilotus calostachyus</i>	✓	
	<i>Ptilotus carinatus</i>	✓	
	<i>Ptilotus clementii</i>	✓	
	<i>Ptilotus fusiformis</i>	✓	
	<i>Ptilotus gomphrenoides</i>	✓	
	<i>Ptilotus helipteroides</i>	✓	
	<i>Ptilotus macrocephalus</i>	✓	
	<i>Ptilotus nobilis</i> subsp. <i>nobilis</i>	✓	
	<i>Ptilotus obovatus</i> var. <i>obovatus</i>	✓	
	<i>Ptilotus polystachyus</i>	✓	
	<i>Ptilotus rotundifolius</i>	✓	
<i>Ptilotus schwartzii</i> var. <i>schwartzii</i>	✓		
<i>Ptilotus subspinescens</i> (Priority 3)	✓		
Apocynaceae	<i>Marsdenia australis</i>	✓	
	<i>Rhyncharrhena linearis</i>	✓	
	<i>Sarcostemma viminale</i> subsp. <i>australe</i>	✓	
	<i>Tylophora flexuosa</i>	✓	
Araliaceae	<i>Astrotricha hamptonii</i>	✓	
	<i>Trachymene oleracea</i> subsp. <i>oleracea</i>	✓	
	<i>Trachymene pilbarensis</i>	✓	
Asteraceae	* <i>Bidens bipinnata</i>	✓	
	<i>Calocephalus beardii</i>	✓	
	<i>Calocephalus</i> sp. Wittenoom (A.S. George 1082)	✓	
	<i>Calotis hispidula</i>	✓	
	<i>Calotis plumulifera</i>	✓	
	<i>Centipeda minima</i> subsp. <i>macrocephala</i>	✓	
	<i>Chrysocephalum pterochaetum</i>		✓
	<i>Dichromochlamys dentatifolia</i>	✓	
	* <i>Flaveria trinervia</i>	✓	
	<i>Flaveria</i> sp. Tom Price (M.E. Trudgen 11246)	✓	
	<i>Ixiochlamys cuneifolia</i>	✓	
	<i>Leiocarpa semicalva</i> subsp. <i>semicalva</i>	✓	
	<i>Olearia xerophila</i>	✓	
	<i>Pentalepis trichodesmoides</i> subsp. <i>hispidula</i> (Priority 2)	✓	
	<i>Peripleura arida</i>	✓	
	<i>Peripleura hispidula</i> var. <i>hispidula</i>	✓	
	<i>Peripleura virgata</i>	✓	
	<i>Pluchea dentex</i>		✓
	<i>Pluchea rubelliflora</i>	✓	
	<i>Pterocaulon serrulatum</i> var. <i>velutinum</i>	✓	
	<i>Pterocaulon sphacelatum</i>	✓	
	<i>Pterocaulon sphaeranthoides</i>		✓
	<i>Rhodanthe humboldtiana</i>	✓	
	<i>Rhodanthe margarethae</i>	✓	
<i>Rutidosis helichrysoides</i>		✓	

Family	Species (NB. * denotes weed species)	Current Survey	Previous Surveys
Asteraceae (cont.)	<i>Schoenia ayersii</i>	✓	
	* <i>Sigesbeckia orientalis</i>	✓	
	* <i>Sonchus oleraceus</i>	✓	
	<i>Streptoglossa bubakii</i>	✓	
	<i>Streptoglossa decurrens</i>	✓	
	<i>Streptoglossa liatroides</i>	✓	
	<i>Streptoglossa tenuiflora</i>		✓
	<i>Streptoglossa</i> sp. (insufficient material for further determination)	✓	
Boraginaceae	<i>Heliotropium chrysocarpum</i>	✓	
	<i>Heliotropium cunninghamii</i>	✓	
	<i>Heliotropium heteranthum</i>	✓	
	<i>Heliotropium inexplicitum</i>	✓	
	<i>Heliotropium ovalifolium</i>	✓	
	<i>Heliotropium pachyphyllum</i>	✓	
	<i>Trichodesma zeylanicum</i> var. <i>zeylanicum</i>	✓	
Brassicaceae	<i>Lepidium oxytrichum</i>	✓	
	<i>Lepidium pedicellosum</i>	✓	
	<i>Lepidium phlebopetalum</i>	✓	
	<i>Lepidium pholidogynum</i>	✓	
Campanulaceae	<i>Lobelia heterophylla</i> subsp. <i>pilbarensis</i>	✓	
	<i>Wahlenbergia tumidifructa</i>	✓	
Capparaceae	<i>Capparis lasiantha</i>	✓	
	<i>Capparis spinosa</i> var. <i>nummularia</i>	✓	
	<i>Capparis umbonata</i>	✓	
Caryophyllaceae	<i>Polycarphaea corymbosa</i> var. <i>corymbosa</i>	✓	
	<i>Polycarphaea holtzei</i>	✓	
	<i>Polycarphaea longiflora</i>	✓	
Celastraceae	<i>Stackhousia muricata</i> subsp. <i>annual</i> (W.R. Barker 2172)	✓	
	<i>Stackhousia</i> sp. <i>swollen gynophore</i> (W.R. Barker 2041)		✓
Chenopodiaceae	<i>Atriplex codonocarpa</i>	✓	
	<i>Dysphania glomulifera</i> subsp. <i>eremaea</i>	✓	
	<i>Dysphania kalpari</i>	✓	
	<i>Dysphania melanocarpa</i>	✓	
	<i>Dysphania rhadinostachya</i> (insufficient material for further determination; sterile)	✓	
	<i>Dysphania rhadinostachya</i> subsp. <i>inflata</i>	✓	
	<i>Dysphania rhadinostachya</i> subsp. <i>rhadinostachya</i>	✓	
	<i>Dysphania saxatilis</i>	✓	
	<i>Dysphania sphaerosperma</i>	✓	
	<i>Dysphania</i> sp. (insufficient material for further determination; sterile)	✓	
	<i>Enchylaena tomentosa</i> var. <i>tomentosa</i>	✓	
	<i>Maireana georgei</i>	✓	
	<i>Maireana melanocoma</i>	✓	
	<i>Maireana planifolia</i>	✓	
	<i>Maireana pyramidata</i>	✓	
	<i>Maireana thesioides</i>	✓	
	<i>Maireana tomentosa</i> subsp. <i>tomentosa</i>	✓	
	<i>Maireana trichoptera</i>	✓	
	<i>Maireana</i> ? <i>trichoptera</i>		✓
	<i>Maireana triptera</i>	✓	
	<i>Maireana villosa</i>	✓	
	<i>Rhagodia eremaea</i>	✓	
	<i>Salsola australis</i>	✓	
	<i>Sclerolaena cornishiana</i>		✓
	<i>Sclerolaena densiflora</i>	✓	
	<i>Sclerolaena eriacantha</i>	✓	
	<i>Sclerolaena minuta</i>	✓	

Family	Species (NB. * denotes weed species)	Current Survey	Previous Surveys
Chenopodiaceae (cont.)	<i>Sclerolaena</i> sp. (insufficient material for further determination; sterile)	✓	
	<i>Tecticornia disarticulata</i>	✓	
Cleomaceae	<i>Cleome viscosa</i>	✓	
Commelinaceae	<i>Commelina ensifolia</i>	✓	
Convolvulaceae	<i>Bonamia erecta</i>	✓	
	<i>Bonamia pilbarensis</i>	✓	
	<i>Convolvulus clementii</i>	✓	
	<i>Convolvulus remotus</i>	✓	
	<i>Duperreya commixta</i>	✓	
	<i>Evolvulus alsinoides</i> var. <i>decumbens</i>	✓	
	<i>Evolvulus alsinoides</i> var. <i>villosicalyx</i>	✓	
	<i>Ipomoea muelleri</i>	✓	
	<i>Operculina aequisepala</i>	✓	
	<i>Polymeria ambigua</i>	✓	
Cucurbitaceae	<i>Austrobryonia pilbarensis</i>	✓	
	<i>Cucumis picrocarpus</i>	✓	
	<i>Cucumis variabilis</i>	✓	
Cyperaceae	<i>Bulbostylis barbata</i>	✓	
	<i>Cyperus cunninghamii</i> subsp. <i>cunninghamii</i>	✓	
	<i>Cyperus vaginatus</i>	✓	
	<i>Fimbristylis simulans</i>	✓	
Euphorbiaceae	<i>Adriana tomentosa</i> var. <i>tomentosa</i>	✓	
	<i>Euphorbia australis</i> var. <i>hispidula</i>	✓	
	<i>Euphorbia australis</i> var. <i>subtomentosa</i>	✓	
	<i>Euphorbia biconvexa</i>	✓	
	<i>Euphorbia boophthona</i>	✓	
	<i>Euphorbia</i> aff. <i>careyi</i>	✓	
	<i>Euphorbia coghlanii</i>	✓	
	<i>Euphorbia tannensis</i> subsp. <i>eremophila</i>	✓	
	<i>Euphorbia trigonosperma</i>	✓	
	<i>Euphorbia vaccaria</i> var. <i>vaccaria</i>	✓	
	<i>Euphorbia</i> sp. (<i>biconvexa/coghlanii/trigonosperma</i> ; sterile)	✓	
	<i>Euphorbia</i> sp. (<i>coghlanii/trigonosperma</i>)		✓
	<i>Euphorbia</i> sp. (insufficient material for further determination)		✓
Fabaceae	<i>Acacia adsurgens</i>	✓	
	<i>Acacia</i> ? <i>adsurgens</i> (possible hybrid)		✓
	<i>Acacia ancistrocarpa</i>	✓	
	<i>Acacia aneura</i>		✓
	<i>Acacia aptaneura</i>	✓	
	<i>Acacia aptaneura</i> x		✓
	<i>Acacia aptaneura</i> x <i>aneura</i>		✓
	<i>Acacia atkinsiana</i>	✓	
	<i>Acacia ayersiana</i>	✓	
	<i>Acacia ayersiana</i> (narrow form)	✓	
	<i>Acacia bivenosa</i>	✓	
	<i>Acacia bromilowiana</i> (Priority 4)	✓	
	<i>Acacia citrinoviridis</i>	✓	
	<i>Acacia elachantha</i>	✓	
	<i>Acacia exigua</i>	✓	
	<i>Acacia hamersleyensis</i>	✓	
	<i>Acacia inaequilatera</i>	✓	
	<i>Acacia kempeana</i>	✓	
	<i>Acacia maitlandii</i>	✓	
	<i>Acacia marramamba</i>	✓	
	<i>Acacia monticola</i>	✓	
	<i>Acacia pruinocarpa</i>	✓	
	<i>Acacia pyrifolia</i> var. <i>morrisonii</i>		✓
	<i>Acacia pyrifolia</i> var. <i>pyrifolia</i>	✓	
	<i>Acacia rhodophloia</i>	✓	

Family	Species (NB. * denotes weed species)	Current Survey	Previous Surveys	
Fabaceae (cont.)	<i>Acacia sibirica</i>	✓		
	<i>Acacia sibirica</i> (linear form)		✓	
	<i>Acacia synchronicia</i>	✓		
	<i>Acacia tenuissima</i>	✓		
	<i>Acacia tetragonophylla</i>	✓		
	<i>Acacia trudgeniana</i>	✓		
	<i>Acacia tumida</i> var. <i>pilbarensis</i>	✓		
	<i>Acacia xiphophylla</i>	✓		
	<i>Crotalaria medicaginea</i> var. <i>neglecta</i>	✓		
	<i>Cullen cinereum</i>	✓		
	<i>Cullen leucochaites</i>	✓		
	<i>Cullen pogonocarpum</i>	✓		
	<i>Glycine canescens</i>	✓		
	<i>Gompholobium oreophilum</i>	✓		
	<i>Indigofera fractiflexa</i> subsp. <i>fractiflexa</i>	✓		
	<i>Indigofera monophylla</i>	✓		
	<i>Indigofera rugosa</i>	✓		
	<i>Indigofera trita</i>	✓		
	<i>Isotropis atropurpurea</i>	✓		
	<i>Lotus cruentus</i>	✓		
	<i>Neptunia dimorphantha</i>	✓		
	<i>Petalostylis labicheoides</i>	✓		
	<i>Rhynchosia minima</i>	✓		
	<i>Senna artemisioides</i> subsp. x <i>artemisioides</i>			✓
	<i>Senna artemisioides</i> subsp. <i>helmsii</i>	✓		
	<i>Senna artemisioides</i> subsp. <i>oligophylla</i>	✓		
	<i>Senna artemisioides</i> subsp. <i>oligophylla</i> (form with thinly sericeous leaves)	✓		
	<i>Senna artemisioides</i> subsp. <i>oligophylla</i> x subsp. <i>helmsii</i>	✓		
	<i>Senna artemisioides</i> subsp. <i>oligophylla</i> x <i>S. glutinosa</i> subsp. <i>glutinosa</i>			✓
	<i>Senna artemisioides</i> subsp. ? <i>oligophylla</i> x			✓
	<i>Senna ferraria</i>	✓		
	<i>Senna glaucifolia</i>	✓		
	<i>Senna glaucifolia</i> x (hybrid of unknown origin)	✓		
	<i>Senna glutinosa</i> subsp. <i>glutinosa</i>	✓		
	<i>Senna glutinosa</i> subsp. <i>glutinosa</i> x subsp. x <i>luerssenii</i>			✓
	<i>Senna glutinosa</i> subsp. <i>glutinosa</i> x <i>S. stricta</i>	✓		
	<i>Senna glutinosa</i> subsp. x <i>luerssenii</i>	✓		
	<i>Senna glutinosa</i> subsp. x <i>luerssenii</i> x <i>S. stricta</i>	✓		
	<i>Senna glutinosa</i> subsp. <i>pruinosa</i>	✓		
	<i>Senna glutinosa</i> subsp. <i>pruinosa</i> x subsp. x <i>luerssenii</i>			✓
	<i>Senna glutinosa</i> subsp. <i>pruinosa</i> x <i>S. artemisioides</i> subsp. <i>oligophylla</i>			✓
	<i>Senna glutinosa</i> subsp. <i>pruinosa</i> x (hybrid of unknown origin)	✓		
	<i>Senna hamersleyensis</i>	✓		
	<i>Senna notabilis</i>	✓		
	<i>Senna stricta</i>	✓		
	<i>Senna venusta</i>	✓		
	<i>Senna</i> sp. Karijini (M.E. Trudgen 10392)	✓		
	<i>Senna</i> sp. Meekatharra (E. Bailey 1-26)	✓		
	<i>Senna</i> sp. (insufficient material for further determination)			✓
	<i>Swainsona leeana</i>	✓		
<i>Swainsona maccullochiana</i>	✓			
<i>Templetonia egena</i>	✓			
<i>Tephrosia clementii</i>	✓			
<i>Tephrosia rosea</i> var. Fortescue creeks (M.I.H. Brooker 2186)	✓			
<i>Tephrosia</i> sp. Fortescue (A.A. Mitchell 606)	✓			
<i>Tephrosia</i> sp. NW Eremaean (S. van Leeuwen et al. PBS 0356)	✓			
* <i>Vachellia farnesiana</i>	✓			

Family	Species (NB. * denotes weed species)	Current Survey	Previous Surveys
Fabaceae (cont.)	<i>Vigna</i> sp. Hamersley Clay (A.A. Mitchell PRP 113)	✓	
Frankeniaceae	<i>Frankenia hispidula</i>	✓	
Goodeniaceae	<i>Dampiera candidans</i>	✓	
	<i>Goodenia cusackiana</i>	✓	
	<i>Goodenia forrestii</i>	✓	
	<i>Goodenia microptera</i>	✓	
	<i>Goodenia muelleriana</i>	✓	
	<i>Goodenia nuda</i> (Priority 4)	✓	
	<i>Goodenia pedicellata</i> (Priority 1)	✓	
	<i>Goodenia stellata</i>	✓	
	<i>Goodenia stobbsiana</i>	✓	
	<i>Goodenia tenuiloba</i>	✓	
	<i>Goodenia triodiophila</i>		✓
	<i>Scaevola acacioides</i>	✓	
	<i>Scaevola spinescens</i>	✓	
<i>Velleia connata</i>	✓		
Gyrostemonaceae	<i>Codonocarpus cotinifolius</i>	✓	
Haloragaceae	<i>Haloragis gossei</i> var. <i>inflata</i>	✓	
	<i>Haloragis gossei</i> (insufficient material for determination to variety)	✓	
	<i>Haloragis maierae</i>	✓	
Lamiaceae	<i>Clerodendrum floribundum</i> var. <i>angustifolium</i>	✓	
	<i>Prostanthera albiflora</i>	✓	
Lauraceae	<i>Cassytha capillaris</i>		✓
Loranthaceae	<i>Amyema fitzgeraldii</i>	✓	
	<i>Amyema gibberula</i> var. <i>gibberula</i>	✓	
	<i>Amyema hilliana</i>	✓	
	<i>Amyema miquelii</i>		✓
	<i>Amyema preissii</i>	✓	
	<i>Diplatia grandibractea</i>	✓	
	<i>Lysiana casuarinae</i>	✓	
Lythraceae	<i>Ammannia multiflora</i>		✓
Malvaceae	<i>Abutilon amplum</i>	✓	
	<i>Abutilon cunninghamii</i>	✓	
	<i>Abutilon fraseri</i> subsp. <i>fraseri</i>	✓	
	<i>Abutilon lepidum</i>	✓	
	<i>Abutilon macrum</i>	✓	
	<i>Abutilon malvifolium</i>	✓	
	<i>Abutilon otocarpum</i>	✓	
	<i>Abutilon</i> sp. <i>Dioicum</i> (A.A. Mitchell PRP 1618)	✓	
	<i>Abutilon</i> sp. <i>Pilbara</i> (W.R. Barker 2025)	✓	
	<i>Abutilon</i> sp. (insufficient material for further determination)	✓	
	<i>Androcalva luteiflora</i>	✓	
	<i>Brachychiton acuminatus</i>	✓	
	<i>Corchorus crozophorifolius</i>	✓	
	<i>Corchorus lasiocarpus</i> (insufficient material to determine to subspecies)	✓	
	<i>Corchorus lasiocarpus</i> subsp. <i>lasiocarpus</i>	✓	
	<i>Corchorus lasiocarpus</i> subsp. <i>parvus</i>	✓	
	<i>Corchorus parviflorus</i>	✓	
	<i>Corchorus sidoides</i> subsp. <i>sidoides</i>		✓
	<i>Corchorus tectus</i>		✓
	<i>Corchorus tridens</i>	✓	
	<i>Corchorus trilocularis</i>	✓	
	<i>Corchorus</i> sp. (insufficient material for further determination)	✓	
	<i>Gossypium australe</i> (Burrup Peninsula form)	✓	
	<i>Gossypium australe</i> (Whim Creek form)	✓	
	<i>Gossypium robinsonii</i>	✓	
	<i>Gossypium sturtianum</i> var. <i>sturtianum</i>	✓	
	<i>Hibiscus brachysiphonius</i>	✓	

Family	Species (NB. * denotes weed species)	Current Survey	Previous Surveys
Malvaceae (cont.)	<i>Hibiscus burtonii</i>	✓	
	<i>Hibiscus coatesii</i>	✓	
	<i>Hibiscus goldsworthii</i>	✓	
	<i>Hibiscus sturtii</i> (insufficient material to determine to variety)	✓	
	<i>Hibiscus sturtii</i> var. <i>campyloclamys</i>	✓	
	<i>Hibiscus sturtii</i> var. <i>grandiflorus</i>	✓	
	<i>Hibiscus sturtii</i> var. <i>platyklamys</i>	✓	
	<i>Hibiscus</i> sp. Gurinbiddy Range (M.E. Trudgen MET 15708) (Priority 2)	✓	
	<i>Hibiscus</i> sp. Mt Brockman (E. Thoma ET 1354) (Priority 1)	✓	
	<i>Keraudrenia nephrosperma</i>	✓	
	* <i>Malvastrum americanum</i>	✓	
	<i>Melhaniania oblongifolia</i>	✓	
	<i>Sida arsinata</i>	✓	
	<i>Sida cardiophylla</i>		✓
	<i>Sida echinocarpa</i>	✓	
	<i>Sida ectogama</i>		✓
	<i>Sida fibulifera</i>	✓	
	<i>Sida rohlena</i> subsp. <i>rohlena</i>	✓	
	<i>Sida</i> sp. Articulation below (A.A. Mitchell PRP 1605)		✓
	<i>Sida</i> sp. dark green fruits (S. van Leeuwen 2260)	✓	
	<i>Sida</i> sp. Excedentifolia (J.L. Egan 1925)	✓	
	<i>Sida</i> sp. Hamersley Range (K. Newbey 10692) (Priority 1)	✓	
	<i>Sida</i> sp. Pilbara (A.A. Mitchell PRP 1543)	✓	
	<i>Sida</i> sp. Shovelanna Hill (S. van Leeuwen 3842)	✓	
	<i>Sida</i> sp. spiciform panicles (E. Leyland s.n. 14/8/90)	✓	
	<i>Sida</i> sp. verrucose glands (F.H. Mollemans 2423)	✓	
<i>Sida</i> sp. (insufficient material for further determination)		✓	
<i>Triumfetta clementii</i>	✓		
<i>Triumfetta maconochieana</i>	✓		
<i>Waltheria indica</i>	✓		
Menispermaceae	<i>Tinospora smilacina</i>		✓
Molluginaceae	<i>Mollugo molluginea</i>	✓	
Moraceae	<i>Ficus brachypoda</i>	✓	
Myrtaceae	<i>Corymbia deserticola</i> subsp. <i>deserticola</i>	✓	
	<i>Corymbia ferritcola</i>	✓	
	<i>Corymbia hamersleyana</i>	✓	
	<i>Eucalyptus camaldulensis</i> subsp. <i>refulgens</i>	✓	
	<i>Eucalyptus gamophylla</i>	✓	
	<i>Eucalyptus leucophloia</i> subsp. <i>leucophloia</i>	✓	
	<i>Eucalyptus socialis</i> subsp. <i>eucentrica</i>	✓	
	<i>Eucalyptus xerothermica</i>	✓	
<i>Melaleuca eleuterostachya</i>	✓		
Nyctaginaceae	<i>Boerhavia coccinea</i>	✓	
	<i>Boerhavia paludosa</i>	✓	
	<i>Boerhavia</i> sp. (insufficient material for further determination)		✓
Oleaceae	<i>Jasminum didymum</i> subsp. <i>lineare</i>	✓	
Orobanchaceae	<i>Striga curviflora</i>	✓	
Oxalidaceae	<i>Oxalis</i> sp. Pilbara (M.E. Trudgen 12725) (Priority 2)	✓	
Phyllanthaceae	<i>Notoleptopus decaisnei</i>	✓	
	<i>Phyllanthus erwinii</i>	✓	
	<i>Phyllanthus exilis</i>	✓	
	<i>Phyllanthus maderaspatensis</i>	✓	
Plantaginaceae	<i>Stemodia grossa</i>	✓	
Poaceae	<i>Amphipogon sericeus</i>	✓	
	<i>Aristida burbridgeae</i>	✓	
	<i>Aristida contorta</i>	✓	
	<i>Aristida holathera</i> var. <i>holathera</i>	✓	
	<i>Aristida latifolia</i>	✓	
	<i>Aristida</i> aff. <i>nitidula</i>	✓	

Family	Species (NB. * denotes weed species)	Current Survey	Previous Surveys
Poaceae (cont.)	<i>Aristida pruinosa</i>	✓	
	<i>Astrebla pectinata</i>	✓	
	<i>Bothriochloa ewartiana</i>	✓	
	<i>Brachyachne convergens</i>	✓	
	<i>Brachyachne prostrata</i>	✓	
	* <i>Cenchrus ciliaris</i>	✓	
	* <i>Cenchrus setiger</i>	✓	
	<i>Chrysopogon fallax</i>	✓	
	<i>Cymbopogon ambiguus</i>	✓	
	<i>Cymbopogon obtectus</i>	✓	
	<i>Cymbopogon procerus</i>	✓	
	<i>Cymbopogon</i> sp. (insufficient material for further determination; sterile)	✓	
	<i>Dichanthium sericeum</i> subsp. <i>humilius</i>	✓	
	<i>Digitaria brownii</i>	✓	
	<i>Digitaria ctenantha</i>	✓	
	<i>Enneapogon caerulescens</i>	✓	
	<i>Enneapogon lindleyanus</i>	✓	
	<i>Enneapogon polyphyllus</i>	✓	
	<i>Enneapogon robustissimus</i>		✓
	<i>Enteropogon ramosus</i>	✓	
	<i>Eragrostis cumingii</i>	✓	
	<i>Eragrostis eriopoda</i>		✓
	<i>Eragrostis tenellula</i>	✓	
	<i>Eragrostis xerophila</i>	✓	
	<i>Eriachne aristidea</i>	✓	
	<i>Eriachne ciliata</i>	✓	
	<i>Eriachne mucronata</i> (arid form) (MET 12 736)	✓	
	<i>Eriachne mucronata</i> (typical form)	✓	
	<i>Eriachne mucronata</i> (form not determined)		✓
	<i>Eriachne pulchella</i>	✓	
	<i>Eriachne tenuiculmis</i>	✓	
	<i>Eulalia aurea</i>	✓	
	<i>Eulalia</i> sp. (Three Rivers Station, B.Forsyth AQ6789133)	✓	
	<i>Iseilema dolichotrichum</i>	✓	
	<i>Iseilema eremaeum</i>		✓
	<i>Iseilema vaginiflorum</i>	✓	
	<i>Paraneurachne muelleri</i>	✓	
	<i>Paspalidium clementii</i>	✓	
	<i>Paspalidium constrictum</i>	✓	
	<i>Paspalidium rarum</i>	✓	
	<i>Schizachyrium fragile</i>	✓	
	<i>Setaria dielsii</i>	✓	
	* <i>Setaria verticillata</i>	✓	
	<i>Sorghum timorense</i>	✓	
	<i>Sporobolus australasicus</i>	✓	
	<i>Themeda triandra</i>	✓	
	<i>Themeda</i> sp. Mt Barricade (M.E. Trudgen 2471)	✓	
	<i>Tragus australianus</i>	✓	
	<i>Triodia angusta</i>	✓	
	<i>Triodia basitricha</i>	✓	
<i>Triodia brizoides</i>	✓		
<i>Triodia epactia</i>	✓		
<i>Triodia longiceps</i>	✓		
<i>Triodia wiseana</i>	✓		
<i>Tripogon loliformis</i>	✓		
Polygalaceae	<i>Polygala glaucifolia</i>	✓	
Polygonaceae	* <i>Acetosa vesicaria</i>	✓	
Portulacaceae	<i>Calandrinia ptychosperma</i>	✓	
	<i>Calandrinia</i> sp. Black angular seeds (A.A. Mitchell PRP 1661)	✓	

Family	Species (NB. * denotes weed species)	Current Survey	Previous Surveys
Portulacaceae (cont.)	<i>Calandrinia</i> sp. The Pink Hills (F. Obbens FO 19/06)	✓	
	<i>Portulaca filifolia</i>	✓	
	<i>Portulaca oleracea/intraterranea</i>	✓	
	* <i>Portulaca pilosa</i>	✓	
Proteaceae	<i>Grevillea berryana</i>	✓	
	<i>Grevillea wickhamii</i> (sterile; subsp. not determined)	✓	
	<i>Grevillea wickhamii</i> subsp. <i>hispidula</i>		✓
	<i>Hakea chordophylla</i>	✓	
	<i>Hakea lorea</i> subsp. <i>lorea</i>	✓	
Pteridaceae	<i>Cheilanthes austrotenuifolia</i>	✓	
	<i>Cheilanthes brownii</i>	✓	
	<i>Cheilanthes contigua</i>	✓	
	<i>Cheilanthes sieberi</i> subsp. <i>sieberi</i>	✓	
Rhamnaceae	<i>Cryptandra monticola</i>		✓
	<i>Ventilago viminalis</i>	✓	
Rubiaceae	<i>Oldenlandia crouchiana</i>	✓	
	<i>Oldenlandia</i> sp. Hamersley Station (A.A. Mitchell PRP 1479) (Priority 3)	✓	
	<i>Psydrax latifolia</i>		✓
	<i>Psydrax suaveolens</i>	✓	
	<i>Synaptantha tillaeacea</i> var. <i>tillaeacea</i>	✓	
Santalaceae	<i>Anthobolus leptomerioides</i>	✓	
	<i>Santalum lanceolatum</i>	✓	
	<i>Santalum spicatum</i>	✓	
Sapindaceae	<i>Alectryon oleifolius</i> subsp. <i>oleifolius</i>	✓	
	<i>Dodonaea coriacea</i>	✓	
	<i>Dodonaea lanceolata</i> var. <i>lanceolata</i>	✓	
	<i>Dodonaea pachyneura</i>	✓	
	<i>Dodonaea viscosa</i> subsp. <i>mucronata</i>	✓	
Scrophulariaceae	<i>Eremophila cuneifolia</i>	✓	
	<i>Eremophila exilifolia</i>	✓	
	<i>Eremophila forrestii</i> subsp. <i>forrestii</i>	✓	
	<i>Eremophila fraseri</i> subsp. <i>fraseri</i>	✓	
	<i>Eremophila latrobei</i> subsp. <i>glabra</i>	✓	
	<i>Eremophila latrobei</i> subsp. <i>latrobei</i>	✓	
	<i>Eremophila longifolia</i>	✓	
	<i>Eremophila magnifica</i> subsp. <i>velutina</i> (Priority 3)	✓	
	<i>Eremophila</i> sp. (insufficient material for further determination)		✓
Solanaceae	<i>Nicotiana benthamiana</i>	✓	
	<i>Nicotiana occidentalis</i> (insufficient material for further determination)	✓	
	<i>Nicotiana occidentalis</i> subsp. <i>obliqua</i>	✓	
	<i>Nicotiana occidentalis</i> subsp. <i>occidentalis</i>	✓	
	<i>Nicotiana simulans</i>	✓	
	<i>Solanum cleistogamum</i>	✓	
	<i>Solanum diversiflorum</i>	✓	
	<i>Solanum elatius</i>	✓	
	<i>Solanum horridum</i>	✓	
	<i>Solanum lasiophyllum</i>	✓	
	<i>Solanum phlomoides</i>	✓	
	<i>Solanum</i> sp. (insufficient material to identify further; sterile)	✓	
	Surianaceae	<i>Stylobasium spathulatum</i>	✓
Urticaceae	<i>Parietaria cardiostegia</i>	✓	
Violaceae	<i>Hybanthus aurantiacus</i>	✓	
Zygophyllaceae	<i>Tribulus astrocarpus</i>		✓
	<i>Tribulus hirsutus</i>	✓	
	<i>Tribulus macrocarpus</i>		✓
	<i>Tribulus platypterus</i>	✓	
	<i>Tribulus suberosus</i>	✓	
	<i>Zygophyllum eichleri</i>	✓	

Appendix 14

Flora Species x Site Matrix (Current Survey Only)



Species	BMF01	BMF02	BMF03	BMF04	BMF05	BMF06	BMF07	BMF08	BMF09	BMF10	BMF11	BMF12	BMF13	BMF14	BMF15	BMF16	BMF17	BMF18	BMF19	BMF20	BMF21	BMF22	BMF23	BMF24	BMF25	BMF26	BMF27	BMF28	BMF29	BMF30	BMF31		
0356)																																	
<i>Themeda triandra</i>	1								1			1			1			1															
<i>Themeda</i> sp. Mt Barricade (M.E. Trudgen 2471)																																	
<i>Trachymene oleracea</i> subsp. <i>oleracea</i>	1	1		1	1						1		1	1	1	1	1	1	1	1	1		1	1	1		1	1	1	1	1		
<i>Tragus australianus</i>																																	
<i>Tribulus hirsutus</i>		1			1		1											1												1	1		
<i>Tribulus suberosus</i>			1	1										1				1			1	1	1	1				1	1		1	1	
<i>Trichodesma zeylanicum</i> var. <i>zeylanicum</i>	1	1	1					1			1	1	1	1	1	1	1	1	1	1	1				1					1	1	1	
<i>Triodia angusta</i>							1					1		1													1			1		1	
<i>Triodia brizoides</i>	1		1								1			1		1	1		1					1	1			1					
<i>Triodia epactia</i>				1	1		1		1		1	1	1	1	1		1		1			1					1	1				1	
<i>Triodia longiceps</i>						1	1	1																									
<i>Triodia wiseana</i>		1		1	1					1				1		1	1	1	1	1	1	1	1			1	1	1	1	1	1	1	
<i>Tripogon loliiformis</i>							1																										
<i>Triumfetta clementii</i>	1		1																														
<i>Triumfetta maconochieana</i>																																	
* <i>Vachellia farnesiana</i>							1										1																
<i>Velleia connata</i>														1																			
<i>Ventilago viminalis</i>																																	
<i>Wahlenbergia tumidifruca</i>												1		1																			
<i>Waltheria indica</i>									1						1																		1
<i>Zygophyllum eichleri</i>		1			1		1			1								1												1	1	1	

Sites BMF32 to BMF-RMD

Species	BMF32	BMF33	BMF34	BMF35	BMF36	BMF37	BNVR01	BNVR02	BNVR03	BNVR05	BNVR07	BROR42	MMFR01	MMFR02	MMFR03	MMFR05	MMFR06	MMFR07	MMFR08	MMFR10	MMFR12	MMFR17	BMF-RCA	BMF-RCB	BMF-RCC	BMF-RMA	BMF-RMAA	BMF-RMB	BMF-RMC	BMF-RMD			
<i>Abutilon amplum</i>																																	
<i>Abutilon cunninghamii</i>																													1				
<i>Abutilon fraseri</i> subsp. <i>fraseri</i>																																	
<i>Abutilon lepidum</i>												1	1	1			1			1									1				
<i>Abutilon macrum</i>																																	
<i>Abutilon otocarpum</i>																				1													
<i>Abutilon</i> sp. <i>Dioicum</i> (A.A. Mitchell PRP 1618)				1						1											1			1									
<i>Abutilon</i> sp. <i>Pilbara</i> (W.R. Barker 2025)																																	
<i>Abutilon</i> sp.																				1													
<i>Acacia adsurgens</i>	1																					1											
<i>Acacia ancistrocarpa</i>																				1									1				
<i>Acacia aptaneura</i>							1	1		1										1			1										
<i>Acacia atkinsiana</i>	1	1			1	1				1								1		1	1												
<i>Acacia ayersiana</i>																																	
<i>Acacia ayersiana</i> (narrow form)																																	
<i>Acacia bivenosa</i>	1	1	1	1	1	1				1	1	1	1		1		1	1	1	1	1	1		1			1	1		1			
<i>Acacia citrinoviridis</i>									1											1		1		1	1		1		1		1		
<i>Acacia elachantha</i>																																	
<i>Acacia exigua</i>	1	1		1	1	1	1	1		1	1	1	1			1	1					1					1						
<i>Acacia hamersleyensis</i>								1																		1							
<i>Acacia inaequilatera</i>													1	1													1						
<i>Acacia kempeana</i>							1	1	1							1						1											
<i>Acacia maitlandii</i>	1			1		1		1		1	1		1			1		1		1	1	1			1								
<i>Acacia marramamba</i>								1	1		1								1														
<i>Acacia monticola</i>																							1										
<i>Acacia pruinocarpa</i>					1	1	1	1	1		1					1								1		1							
<i>Acacia pyrifolia</i> var. <i>pyrifolia</i>							1	1		1										1		1		1					1				
<i>Acacia rhodophloia</i>																																	
<i>Acacia sibirica</i>													1			1																	
<i>Acacia synchronicia</i>		1	1			1	1					1					1			1	1	1	1					1					
<i>Acacia tenuissima</i>																					1												
<i>Acacia tetragonophylla</i>																																	
<i>Acacia trudgeniana</i>																1			1														
<i>Acacia tumida</i> var. <i>pilbarensis</i>																									1								
<i>Acacia xiphophylla</i>																					1										1		
<i>Adriana tomentosa</i> var. <i>tomentosa</i>																																	
<i>Alternanthera nana</i>																																	
<i>Amaranthus cochleitopalus</i>																																	
<i>Amaranthus cuspidifolius</i>											1											1											
<i>Amaranthus undulatus</i>																																	
<i>Amphipogon sericeus</i>					1	1																	1			1							

Species	BMF32	BMF33	BMF34	BMF35	BMF36	BMF37	BNVR01	BNVR02	BNVR03	BNVR05	BNVR07	BROR42	MMFR01	MMFR02	MMFR03	MMFR05	MMFR06	MMFR07	MMFR08	MMFR10	MMFR12	MMFR17	BMF-RCA	BMF-RCB	BMF-RCC	BMF-RMA	BMF-RMAA	BMF-RMB	BMF-RMC	BMF-RMD
<i>Amyema fitzgeraldii</i>																														
<i>Amyema gibberula</i> var. <i>gibberula</i>																														
<i>Amyema hilliana</i>																														
<i>Amyema preissii</i>																														
<i>Androcalva luteiflora</i>																					1			1				1		1
<i>Anthobolus leptomerioides</i>																														
<i>Aristida burbidgeae</i>																														
<i>Aristida contorta</i>		1		1				1				1	1	1	1		1		1	1	1			1		1				
<i>Aristida holathera</i> var. <i>holathera</i>											1			1		1			1	1	1	1		1						
<i>Aristida latifolia</i>												1																	1	
<i>Aristida pruinosa</i>																														
<i>Astrebla pectinata</i>																														
<i>Astrotricha hamptonii</i>																														
<i>Atriplex codonocarpa</i>		1																												
<i>Austrobryonia pilbarensis</i>																														
* <i>Bidens bipinnata</i>																														
<i>Boerhavia coccinea</i>																				1						1				
<i>Boerhavia paludosa</i>																													1	
<i>Bonamia erecta</i>																				1										
<i>Bonamia pilbarensis</i>																						1								
<i>Bothriochloa ewartiana</i>																												1		1
<i>Brachyachne convergens</i>																													1	
<i>Brachyachne prostrata</i>		1										1			1		1		1	1										
<i>Brachychiton acuminatus</i>																														
<i>Bulbostylis barbata</i>				1				1	1	1	1	1	1		1		1		1	1		1								
<i>Calandrinia Ptychosperma</i>																														
<i>Calandrinia</i> sp. Black angular seeds (A.A. Mitchell PRP 1661)																														
<i>Calocephalus</i> sp. Wittenoom (A.S. George 1082)																														
<i>Calotis hispidula</i>																														
<i>Calotis plumulifera</i>																														
<i>Capparis lasiantha</i>		1							1						1						1		1		1					
<i>Capparis spinosa</i> var. <i>nummularia</i>																														
<i>Capparis umbonata</i>																														
* <i>Cenchrus ciliaris</i>												1					1		1	1	1					1		1		1
<i>Centipeda minima</i> subsp. <i>macrocephala</i>																													1	
<i>Cheilanthes austrotenuifolia</i>																														
<i>Cheilanthes brownii</i>							1	1	1																1					
<i>Cheilanthes contigua</i>										1																				
<i>Cheilanthes sieberi</i> subsp. <i>sieberi</i>								1																						
<i>Chrysopogon fallax</i>																					1					1		1		
<i>Cleome viscosa</i>				1							1			1						1					1				1	
<i>Clerodendrum floribundum</i> var. <i>angustifolium</i>						1			1														1							

Species	BMF32	BMF33	BMF34	BMF35	BMF36	BMF37	BNVR01	BNVR02	BNVR03	BNVR05	BNVR07	BROR42	MMFR01	MMFR02	MMFR03	MMFR05	MMFR06	MMFR07	MMFR08	MMFR10	MMFR12	MMFR17	BMF-RCA	BMF-RCB	BMF-RCC	BMF-RMA	BMF-RMAA	BMF-RMB	BMF-RMC	BMF-RMD	
<i>Dysphania saxatilis</i>																															
<i>Dysphania sphaerosperma</i>			1										1	1																	
<i>Dysphania</i> sp.														1																	
<i>Enchylaena tomentosa</i> var. <i>tomentosa</i>																															
<i>Enneapogon caerulescens</i>	1	1	1						1			1	1		1		1		1	1				1							
<i>Enneapogon lindleyanus</i>																					1		1	1							
<i>Enneapogon polyphyllus</i>		1		1								1		1	1		1		1	1	1			1		1			1		
<i>Enteropogon ramosus</i>																															
<i>Eragrostis cumingii</i>																															
<i>Eragrostis tenellula</i>																															
<i>Eragrostis xerophila</i>																															
<i>Eremophila cuneifolia</i>										1							1			1		1									
<i>Eremophila exilifolia</i>									1																						
<i>Eremophila forrestii</i> subsp. <i>forrestii</i>																															
<i>Eremophila fraseri</i> subsp. <i>fraseri</i>													1				1														
<i>Eremophila latrobei</i> subsp. <i>latrobei</i>								1															1								
<i>Eremophila longifolia</i>																	1				1										
<i>Eriachne aristidea</i>						1			1		1	1	1			1	1	1				1									
<i>Eriachne ciliata</i>																															
<i>Eriachne mucronata</i> (arid form) (MET 12 736)																1															
<i>Eriachne mucronata</i> (typical form)				1				1	1	1			1			1					1	1	1		1				1		
<i>Eriachne pulchella</i>	1	1		1	1	1			1		1	1			1	1	1	1	1	1	1	1		1	1						
<i>Eriachne tenuiculmis</i>																					1			1							
<i>Eucalyptus camaldulensis</i> subsp. <i>refulgens</i>																															
<i>Eucalyptus gamophylla</i>							1																								
<i>Eucalyptus leucophloia</i> subsp. <i>leucophloia</i>	1	1		1			1	1	1	1	1				1	1	1	1			1			1	1						
<i>Eucalyptus socialis</i> subsp. <i>eucentrica</i>																											1				
<i>Eucalyptus xerothermica</i>																												1		1	
<i>Eulalia aurea</i>																					1										
<i>Eulalia</i> sp. (Three Rivers Station, B.Forsyth AQ6789133)																															
<i>Euphorbia australis</i> var. <i>hispidula</i>																					1										
<i>Euphorbia australis</i> var. <i>subtomentosa</i>														1						1		1									
<i>Euphorbia biconvexa</i>																										1					
<i>Euphorbia boophthona</i>								1	1			1	1				1									1					
<i>Euphorbia</i> aff. <i>careyi</i>																															
<i>Euphorbia coghlanii</i>																															
<i>Euphorbia tannensis</i> subsp. <i>eremophila</i>													1								1										
<i>Euphorbia trigonosperma</i>							1	1																							
<i>Euphorbia vaccaria</i> var. <i>vaccaria</i>																															
<i>Euphorbia</i> sp. (<i>biconvexa</i> / <i>coghlanii</i> / <i>trigonosperma</i> ; sterile)										1											1			1							
<i>Evolvulus alsinoides</i> var. <i>decumbens</i>																															
<i>Evolvulus alsinoides</i> var. <i>villosicalyx</i>				1			1		1				1							1	1			1	1					1	

Species	BMF32	BMF33	BMF34	BMF35	BMF36	BMF37	BNVR01	BNVR02	BNVR03	BNVR05	BNVR07	BROR42	MMFR01	MMFR02	MMFR03	MMFR05	MMFR06	MMFR07	MMFR08	MMFR10	MMFR12	MMFR17	BMF-RCA	BMF-RCB	BMF-RCC	BMF-RMA	BMF-RMAA	BMF-RMB	BMF-RMC	BMF-RMD
<i>Solanum horridum</i>									1																					
<i>Solanum lasiophyllum</i>	1		1	1	1	1	1	1			1	1	1	1				1	1			1	1			1				
<i>Solanum phlomoides</i>				1		1																				1			1	
<i>Solanum</i> sp.								1							1							1								
* <i>Sonchus oleraceus</i>																														
<i>Sorghum timorense</i>																													1	
<i>Sporobolus australasicus</i>	1	1							1			1	1	1	1		1		1	1	1	1		1		1		1	1	
<i>Stackhousia muricata</i> subsp. annual (W.R. Barker 2172)		1	1									1	1	1			1									1				
<i>Stemodia grossa</i>																														
<i>Streptoglossa bubakii</i>		1	1			1						1	1	1	1		1		1	1								1		
<i>Streptoglossa decurrens</i>		1	1	1								1		1	1		1							1						
<i>Streptoglossa liatroides</i>																														
<i>Streptoglossa</i> sp.																														
<i>Stylobasium spathulatum</i>																						1						1	1	
<i>Swainsona leeana</i>																														
<i>Swainsona maccullochiana</i>				1									1	1			1			1										
<i>Synaptantha tillaeacea</i> var. <i>tillaeacea</i>																														
<i>Templetonia egena</i>																	1									1				
<i>Tephrosia clementii</i>		1													1														1	
<i>Tephrosia rosea</i> var. Fortescue creeks (M.I.H. Brooker 2186)																					1			1						
<i>Tephrosia</i> sp. Fortescue (A.A. Mitchell 606)																														
<i>Tephrosia</i> sp. NW Eremaean (S. van Leeuwen et al. PBS 0356)																														
<i>Themeda triandra</i>													1								1			1		1		1	1	
<i>Themeda</i> sp. Mt Barricade (M.E. Trudgen 2471)																									1					
<i>Trachymene oleracea</i> subsp. <i>oleracea</i>	1			1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		1	1				
<i>Tragus australianus</i>																													1	
<i>Tribulus hirsutus</i>			1										1	1	1		1													
<i>Tribulus suberosus</i>						1			1	1		1							1	1		1		1						
<i>Trichodesma zeylanicum</i> var. <i>zeylanicum</i>		1	1	1	1	1	1	1	1	1		1	1	1					1	1	1		1	1		1				
<i>Triodia angusta</i>		1	1														1				1						1			
<i>Triodia brizoides</i>		1		1			1	1		1		1	1		1		1			1						1				
<i>Triodia epactia</i>				1				1	1	1	1	1	1			1	1		1	1	1		1	1	1					
<i>Triodia longiceps</i>		1										1		1						1	1	1		1	1	1			1	
<i>Triodia wiseana</i>	1		1		1	1					1		1	1	1	1	1	1		1		1	1		1					
<i>Tripogon loliformis</i>																														
<i>Triumfetta clementii</i>																														
<i>Triumfetta maconochieana</i>																										1				
* <i>Vachellia farnesiana</i>																					1							1	1	
<i>Velleia connata</i>																1														
<i>Ventilago viminalis</i>																													1	
<i>Wahlenbergia tumidifruca</i>																														
<i>Waltheria indica</i>																						1			1					
<i>Zygophyllum eichleri</i>			1										1				1									1				

