

APPENDIX D: IUCN Threat Ratings For Lower Risk And Data Deficient Plants

Plants rated as Lower Risk in the North East Region

A taxon is rated as Lower Risk if there was sufficient information to answer a particular rule but was not categorised as Critically Endangered, Endangered or Vulnerable. *Acacia phlebophylla*, *Brachyscome gracilis*, *Celmisia sericophylla* and *Scleranthus singuliflorus* were rated as Lower Risk based on having a regional population of more than 1000 mature individuals while *Baeckea crenatifolia* was rated as Lower Risk based on having stable population numbers. Taxa rated as Lower Risk can be considered secure in the North East and not at risk of extinction in the foreseeable future.

Plants rated as lower risk in the North East Region according to the IUCN Red List Categories (IUCN 1994)

TAXON	IUCN	RARE
<i>Acacia phlebophylla</i>	LR	LR
<i>Baeckea crenatifolia</i>	LR	LR
<i>Brachyscome gracilis</i> ssp. <i>gracilis</i>	LR	LR
<i>Celmisia sericophylla</i>	LR	LR
<i>Scleranthus singuliflorus</i>	LR	LR

Plants rated as Data Deficient in the North East Region

Twelve taxa were classified as Data Deficient with the IUCN (1994) rule set that were rated as either Critically Endangered, Endangered, Vulnerable or Lower Risk using the RARE rule set (Keith and Burgman, in press). These taxa were all rated using the RARE rule set based on an observed, estimated, inferred or suspected historical or projected future reduction in regional population numbers due to a decline in the 'extent' of habitat. This inclusion of the word 'extent' to IUCN sub-criterion A1C was the sole reason for the discrepancy. No clear justification was given for this modification in Keith & Burgman (in press).

Plants rated as data deficient in the North East Region according to the IUCN Red List Categories (IUCN 1994) but of a higher rating by Keith & Burgman (in press)

TAXON	IUCN	RARE
<i>Agrostis meionectes</i>	DD	LR
<i>Cyperus flavidus</i>	DD	LR
<i>Eleocharis plana</i>	DD	CR
<i>Eucalyptus neglecta</i>	DD	VU
<i>Eucalyptus sideroxylon</i> s.s.	DD	EN
<i>Eucalyptus yarraensis</i>	DD	EN
<i>Grammitis poeppigiana</i>	DD	LR
<i>Gratiola pumilo</i>	DD	LR
<i>Huperzia australiana</i>	DD	LR
<i>Hypsela tridens</i>	DD	LR
<i>Juncus brevibracteus</i>	DD	LR
<i>Parantennaria uniceps</i>	DD	LR

Plants with insufficient information

Sixty two taxa had insufficient information on their distribution, abundance, biology and ecology in the North East Region to make a direct or indirect assessment of their risk of extinction using either the IUCN or the RARE rule sets. These are:

<i>Acacia phasmoides</i>	<i>Agrostis australiensis</i>
<i>Asplenium trichomanes</i> ssp. <i>trichomanes</i>	<i>Astrotricha linearis</i>
<i>Austrostipa setacea</i>	<i>Bossiaea riparia</i>
<i>Brachyscome chrysoglossa</i>	<i>Bulbine glauca</i>
<i>Caladenia flavovirens</i>	<i>Corybas hispidus</i>
<i>Craspedia</i> sp. (Mt Stirling)	<i>Cystopteris tasmanica</i>
<i>Deyeuxia affinis</i>	<i>Digitaria coenicola</i>
<i>Digitaria divaricatissima</i>	<i>Diuris behrii</i>
<i>Eucalyptus alligatrix</i> ssp. <i>limaensis</i>	<i>Eucalyptus cinerea</i> ssp. <i>cinerea</i>
<i>Eucalyptus mitchelliana</i>	<i>Eucalyptus pauciflora</i> ssp. <i>hedraia</i>
<i>Eucalyptus rubida</i> ssp. <i>septemflora</i>	<i>Euphrasia crassiuscula</i> ssp. <i>crassiuscula</i>
<i>Euphrasia crassiuscula</i> ssp. <i>glandulifera</i>	<i>Euphrasia eichleri</i>
<i>Fimbristylis velata</i>	<i>Genoplesium nudum</i>
<i>Goodia medicaginea</i>	<i>Grevillea jephcottii</i>

<i>Grevillea polybractea</i>	<i>Grevillea ramosissima</i> ssp. <i>hypargyrea</i>
<i>Grevillea willisii</i>	<i>Hydrilla verticillata</i>
<i>Indigofera adesmiifolia</i>	<i>Isolepis wakefieldiana</i>
<i>Koeleria cristata</i>	<i>Leptospermum multicaule</i>
<i>Lepyrodia anarthria</i>	<i>Leucochrysum molle</i>
<i>Leucopogon montanus</i>	<i>Leucopogon piliferus</i>
<i>Luzula acutifolia</i> ssp. <i>acutifolia</i>	<i>Olearia adenophora</i>
<i>Oreomyrrhis argentea</i>	<i>Oxalis magellanica</i>
<i>Persoonia subvelutina</i>	<i>Poa labillardierei</i> var. <i>acris</i>
<i>Pomaderris aurea</i>	<i>Prasophyllum frenchii</i>
<i>Prostanthera monticola</i>	<i>Pterostylis boormanii</i>
<i>Pterostylis cucullata</i>	<i>Pterostylis dubia</i>
<i>Pterostylis fischii</i>	<i>Pterostylis maxima</i>
<i>Pultenaea polifolia</i>	<i>Pultenaea vrolandii</i>
<i>Santalum lanceolatum</i>	<i>Sclerolaena birchii</i>
<i>Spirodela polyrrhiza</i>	<i>Sporobolus creber</i>
<i>Uncinia compacta</i>	<i>Westringia lucida</i> .