

List of Threatened Ecological Communities endorsed by the Western Australian Minister for Environment

Species & Communities Branch (Correct to 19 May 2014)

Community identifier	Community name	General Location (IBRA Regions)	Category of Threat and criteria met under WA criteria	Category under Commonwealth <i>Environment Protection and Biodiversity Conservation Act 1999</i>
1. <u>SCP20a</u>	Banksia attenuata woodland over species rich dense shrublands	Swan Coastal Plain	EN B) ii)	
2. <u>TOOLIBIN</u>	Perched wetlands of the Wheatbelt region with extensive stands of living Swamp Sheoak (<i>Casuarina obesa</i>) and Paperbark (<i>Melaleuca strobophylla</i>) across the lake floor.	Avon Wheatbelt	CR A) i); CR A) 11); CR C)	EN
3. <u>SCP10b</u>	Shrublands on southern Swan Coastal Plain Ironstones (Busselton area)	Swan Coastal Plain	CR B) ii)	EN
4. <u>SCP19</u>	Sedgeland in Holocene dune swales of the southern Swan Coastal Plain	Swan Coastal Plain	CR B) ii)	EN
5. <u>Clifton-microbialite</u>	Stromatolite like freshwater microbialite community of coastal brackish lakes	Swan Coastal Plain	CR B) i), CR B) ii)	CR
6. <u>Richmond-microbial</u>	Stromatolite like microbialite community of coastal freshwater lakes	Swan Coastal Plain	CR B) i), CR B) ii)	EN
7. <u>Mound Springs SCP</u>	Communities of Tumulus Springs (Organic Mound Springs, Swan Coastal Plain)	Swan Coastal Plain	CR A) i), CR A) ii), CR B) i), CR B) ii)	EN
8. <u>SCP20c</u>	Shrublands and woodlands of the eastern side of the Swan Coastal Plain	Swan Coastal Plain	CR B) ii)	EN
10. <u>NTHIRON</u>	Perth to Gingin Ironstone Association	Swan Coastal Plain	CR A) ii), CR B) ii), CR C)	EN
11. <u>MUCHEA LIMESTONE</u>	Shrublands and woodlands on Muchea Limestone	Swan Coastal Plain	EN B) ii)	EN
12. <u>Augusta-microbial</u>	Rimstone Pools and Cave Structures Formed by Microbial Activity on Marine Shorelines	Warren	EN B) ii)	
13. <u>SCP30a</u>	Callitris preissii (or Melaleuca lanceolata) forests and woodlands, Swan Coastal Plain	Swan Coastal Plain	VU B)	
14. <u>SCP18</u>	Shrublands on calcareous silts of the Swan Coastal Plain	Swan Coastal Plain	VU B)	
15. <u>SCP02</u>	Southern wet shrublands, Swan Coastal Plain	Swan Coastal Plain	EN B) ii)	

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<u>16. SCP3a</u>	<i>Eucalyptus calophylla</i> - <i>Kingia australis</i> woodlands on heavy soils, Swan Coastal Plain	Swan Coastal Plain	CR B) ii)	EN
<u>17. SCP3c</u>	<i>Eucalyptus calophylla</i> - <i>Xanthorrhoea preissii</i> woodlands and shrublands, Swan Coastal Plain	Swan Coastal Plain	CR B) ii)	EN
<u>18. Thetis-microbialite</u>	Stromatolite community of stratified hypersaline coastal lakes	Geraldton Sandplain	VU B)	
<u>19. SCOTT IRONSTONE</u>	Scott River Ironstone Association	Warren	EN B) i), EN B) ii)	EN
<u>20. SCP20b</u>	<i>Banksia attenuata</i> and/or <i>Eucalyptus marginata</i> woodlands of the eastern side of the Swan Coastal Plain	Swan Coastal Plain	EN B) i), EN B) ii)	
<u>21. SCP15</u>	Forests and woodlands of deep seasonal wetlands of the Swan Coastal Plain	Swan Coastal Plain	VU C)	
<u>22. SCP1b</u>	<i>Eucalyptus calophylla</i> woodlands on heavy soils of the southern Swan Coastal Plain	Swan Coastal Plain	VU B)	
<u>23. SCP3b</u>	<i>Eucalyptus calophylla</i> - <i>Eucalyptus marginata</i> woodlands on sandy clay soils of the southern Swan Coastal Plain	Swan Coastal Plain	VU B)	
<u>24. CAVES SCP01</u>	Aquatic Root Mat Community Number 1 of Caves of the Swan Coastal Plain	Swan Coastal Plain	CR B) i), CR B) ii)	EN
<u>25. CAVES LEEUWIN01</u>	Aquatic Root Mat Community Number 1 of Caves of the Leeuwin Naturaliste Ridge	Warren	CR B) i), CR B) ii)	EN
<u>26. CAVES LEEUWIN02</u>	Aquatic Root Mat Community Number 2 of Caves of the Leeuwin Naturaliste Ridge	Warren	CR B) i), CR B) ii)	EN
<u>27. CAVES LEEUWIN03</u>	Aquatic Root Mat Community Number 3 of Caves of the Leeuwin Naturaliste Ridge	Warren	CR B) i), CR B) ii)	EN
<u>28. CAVES LEEUWIN04</u>	Aquatic Root Mat Community Number 4 of Caves of the Leeuwin Naturaliste Ridge	Warren	CR B) i), CR B) ii)	EN
<u>29. MONTANE</u>	Montane Thicket of the eastern Stirling Range	Esperance Sandplain	CR B) ii)	EN
<u>30. MEELUP GRANITES</u>	<i>Calothamnus graniticus</i> heaths on south west coastal granites	Warren/Jarrah Forest	VU B)	

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<u>32. SCP07</u>	Herb rich saline shrublands in clay pans	Swan Coastal Plain	VU B)	CR
<u>33. SCP08</u>	Herb rich shrublands in clay pans	Swan Coastal Plain	VU B)	CR
<u>34. SCP09</u>	Dense shrublands on clay flats	Swan Coastal Plain	VU B)	CR
<u>35. SCP10a</u>	Shrublands on dry clay flats	Swan Coastal Plain	EN B) ii)	CR
<u>38. Morilla swamp</u>	Perched fresh-water wetlands of the northern Wheatbelt dominated by extensive stands of living <i>Eucalyptus camaldulensis</i> (River Red Gum) across the lake floor.	Avon Wheatbelt	PD B)	
<u>39. Camerons</u>	Camerons Cave Troglobitic Community	Carnarvon Basin	CR B) i), CR B) ii)	
<u>40. Bryde</u>	Unwooded freshwater wetlands of the southern Wheatbelt of Western Australia, dominated by <i>Muehlenbeckia horrida</i> subsp. <i>abdita</i> and <i>Tecticornia verrucosa</i> across the lake floor	Avon Wheatbelt	CR B) i), CR B) ii)	
<u>41. Bundera</u>	Cape Range Remipede Community	Carnarvon Basin	CR B) ii)	
<u>42. Greenough River Flats</u>	<i>Acacia rostellifera</i> low forest with scattered <i>Eucalyptus camaldulensis</i> on Greenough Alluvial Flats.	Geraldton Sandplain	CR C)	
<u>44. Roebuck Bay mudflats</u>	Species-rich faunal community of the intertidal mudflats of Roebuck Bay	Kimberley	VU B)	
<u>46. Themeda Grasslands</u>	Themeda grasslands on cracking clays (Hamersley Station, Pilbara). Grassland plains dominated by the perennial Themeda (kangaroo grass) and many annual herbs and grasses.	Pilbara	VU A)	
<u>49. Bentonite Lakes</u>	Herbaceous plant assemblages on Bentonite Lakes	Avon Wheatbelt	EN B) iii)	
<u>55. Coomberdale chert hills</u>	Heath dominated by one or more of <i>Regelia megacephala</i> , <i>Kunzea praestans</i> and <i>Allocasuarina campestris</i> on ridges and slopes of the chert hills of the Coomberdale floristic region.	Avon Wheatbelt	EN B) ii)	

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<u>56. Billeranga System</u>	Plant assemblages of the Billeranga System (Beard 1976): <i>Melaleuca filifolia</i> – <i>Allocasuarina campestris</i> thicket on clay sands over laterite on slopes and ridges; open mallee over mixed scrub on yellow sand over gravel on western slopes; <i>Eucalyptus loxophleba</i> woodland over sandy clay loam or rocky clay on lower slopes and creeklines; and mixed scrub or scrub dominated by <i>Dodonaea inaequifolia</i> over red/brown loamy soils on the slopes and ridges	Avon Wheatbelt	VU A), VU B)	
<u>59. Koolanooka System</u>	Plant assemblages of the Koolanooka System (Beard 1976): <i>Allocasuarina campestris</i> scrub over red loam on hill slopes; Shrubs and emergent mallees on shallow loam red over massive ironstone on steep rocky slopes; <i>Eucalyptus ebbanoensis</i> subsp. <i>ebbanoensis</i> mallee and <i>Acacia</i> sp. scrub with scattered <i>Allocasuarina huegeliana</i> over red loam and ironstone on the upper slopes and summits; <i>Eucalyptus loxophleba</i> woodland over scrub on the footslopes; and mixed <i>Acacia</i> sp. scrub on granite	Avon Wheatbelt	VU A), VU B)	
<u>60. Moonagin System</u>	Plant assemblages of the Moonagin System (Beard 1976): <i>Acacia</i> scrub on red soil on hills; <i>Acacia</i> scrub with scattered <i>Eucalyptus loxophleba</i> and <i>Eucalyptus oleosa</i> on red loam flats on the foothills.	Avon Wheatbelt	VU A), VU B)	
<u>62. Limestone ridges (SCP 26a)</u>	<i>Melaleuca huegelii</i> - <i>Melaleuca acerosa</i> shrublands on limestone ridges (Gibson <i>et al.</i> 1994 type 26a)	Swan Coastal Plain	EN B) iii)	
<u>63. Irwin River Clay Flats</u>	Clay flats assemblages of the Irwin River: Sedgeland and grasslands with patches of <i>Eucalyptus loxophleba</i> and scattered <i>E. camaldulensis</i> over <i>Acacia acuminata</i> and <i>A. rostellifera</i> shrubland on brown sand/loam over clay flats of the Irwin River.	Avon Wheatbelt	PD A), PD B)	
<u>67. Monsoon thickets</u>	Monsoon (vine) thickets on coastal sand dunes of Dampier Peninsula	West Kimberley, Dampierland Bioregion	VU C)	EN
<u>70. Mt Lindesay</u>	Mt Lindesay – Little Lindesay Vegetation Complex	Frankland District, Warren Region	EN B) ii)	
<u>71. Russell Range</u>	Russell Range mixed thicket complexes	South Coast, Esperance Plains Bioregion	VU B), VU C)	EN
<u>72. Ferricrete</u>	Ferricrete floristic community (Rocky Springs type)	Geraldton Sandplain	VU B)	
<u>74. Herblands and Bunch Grasslands</u>	Herblands and Bunch Grasslands on gypsum lunette dunes alongside saline playa lakes	Esperance Sandplain	VU B)	
<u>75. Inering System</u>	Plant assemblages of the Inering System (Beard 1976)	Avon Wheatbelt	VU A)	
<u>76. Lesueur-Coomallo Floristic Community D1</u>	Lesueur-Coomallo Floristic Community D1	Geraldton Sandplain	CR B) i) CR B) ii)	

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<u>77. Lesueur-Coomallo Floristic Community A1.2</u>	Lesueur-Coomallo Floristic Community A1.2	Geraldton Sandplain	EN B) ii)	
<u>78. Ethel Gorge</u>	Ethel Gorge aquifer stygobiont community	Pilbara	EN B) ii)	
<u>80. Theda Soak</u>	Assemblages of Theda Soak rainforest swamp	North Kimberley	VU A), VU B)	
<u>81. Walcott Inlet</u>	Assemblages of Walcott Inlet rainforest swamps	North Kimberley	VU B)	
<u>82. Roe River</u>	Assemblages of Roe River rainforest swamp	North Kimberley	VU B)	
<u>84. Dragon Tree Soak</u>	Assemblages of Dragon Tree Soak organic mound spring	Kimberley Region, Great Sandy Desert Bioregion	EN B) i)	
<u>85. Bunda Bunda</u>	Assemblages of Bunda Bunda organic mound spring	West Kimberley, Dampierland Bioregion	VU A), VU B)	
<u>86. Big Springs</u>	Assemblages of Big Springs organic mound springs	West Kimberley, Dampierland Bioregion	VU A), VU B)	
<u>89. North Kimberley mounds</u>	Organic mound spring sedgeland community of the North Kimberley Bioregion	North Kimberley	VU A), VU B)	
<u>92. Black Spring</u>	Black Spring organic mound spring community	North Kimberley	EN B) i), EN B) ii)	
<u>95. Mandora Mounds</u>	Assemblages of the organic springs and mound springs of the Mandora Marsh area	West Kimberley, Dampierland and Greats Sandy Desert Bioregions	EN B) iii)	
<u>96. Broomehill</u>	Plant assemblages of the Broomehill System	Avon Wheatbelt	PD A)	
<u>97. Mound Springs (Three Springs area)</u>	Assemblages of the organic mound springs of the Three Springs area	Avon Wheatbelt	EN B) i), EN B) ii)	
<u>99. Depot Springs</u>	Depot Springs stygofauna community	Goldfields Region, Murchison Bioregion	VU B)	
<u>102. Eucalyptus acies mallee heath</u>	Thumb Peak, Mid mount Barren, Woolburnup Hill (Central Barren Ranges) <i>Eucalyptus acies</i> mallee heath	Esperance Sandplain	VU B)	EN

Total = 69 TECs in Western Australia that are endorsed by the Minister for Environment (25 of these are listed under the Commonwealth *Environment Protection and Biodiversity Conservation Act 1999*)

Critically Endangered: 21; Endangered: 17; Vulnerable: 28; Presumed Destroyed: 3