



Appendix 20: Bitou bush threat abatement plan sites


Site rank	Site no.	Site name	Threatened priority species or vegetation community *	Notes
Category 1				
1	NR133	Arakoon SCA / Hat Head NP	None	
2	NR29	Cape Byron SCA (including SEPP26 no. 27, 27a, 27b)	Grassy Headland EEC	Site is in the Border Ranges Planning Area (DECCW 2010); contains Border Ranges species as well as Grassy Headland EEC
3	NR36	Broken Head NR (including SEPP26 no. 32, 33b, 34a)	Grassy Headland EEC	Site is in the Border Ranges Planning Area (DECCW 2010); contains Border Ranges species as well as Grassy Headland EEC
4	NR90	Sandon backtrack, Sandon bluffs and Sandon south (Yuraygir NP)	<i>Chamaesyce psammogeton</i> , <i>Sophora tomentosa</i>	
5	NR157	Crowdy Bay NP (north)	None	<i>Euphrasia collina</i> subsp. <i>paludosa</i> is in list of species, but only <i>E.c. muelleri</i> is threatened
10	NR148	Sea Acres NR / Tacking Point	Littoral Rainforest EEC, <i>Acronychia littoralis</i> , <i>Cynanchum elegans</i> , <i>Sophora tomentosa</i>	Species include low growing form of <i>Zieria smithii</i> but this isn't part of the listed population.
16	NR142	Crescent Head	<i>Pultenaea maritima</i> , <i>Thesium australe</i>	
16	NR154	Kattang NR	Littoral Rainforest EEC, <i>Thesium australe</i>	Includes low-growing form of <i>Zieria smithii</i> but this isn't part of the listed population
18	NR145	Limeburners Creek NR	Littoral Rainforest EEC, <i>Acronychia littoralis</i> , <i>Allocasuarina defungens</i>	Includes low-growing form of <i>Zieria smithii</i> but this isn't part of the listed population
22	NR110	Look At Me Now Headland, Moonee Beach NR	Grassy Headland EEC, <i>Chamaesyce psammogeton</i> , <i>Thesium australe</i> , <i>Zieria prostrata</i>	
22	NR70	Woody Head (including SEPP 26 no. 52, 52a)	Littoral Rainforest EEC, <i>Sophora tomentosa</i> , <i>Phaius tankervilleae</i>	
31	NR32	Arakwal NP	Byron Bay Dwarf Graminoid Clay Heath EEC, Littoral Rainforest EEC, <i>Chamaesyce psammogeton</i> , <i>Diuris byronensis</i> , <i>Geodorum densiflorum</i>	




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31	NR66	Snapper Rock, Bundjalung NP	Grassy Headland EEC, <i>Pultenaea maritima</i> , <i>Senna acclinis</i>	
31	NR9	Cudgen NR (SEPP26 no. 4)	<i>Elyonurus citreus</i>	Site is in the Border Ranges Planning Area (DECCW 2010) contains Border Ranges species as well as <i>Elyonurus citreus</i>
33	NR94	Bare Point – Wilsons Headland Yuraygir NP	Grassy Headland EEC, <i>Pultenaea maritima</i> , <i>Thesium australe</i>	
39	NR 61	Broadwater NP	<i>Phaius australis</i>	Site is just inside the Border Ranges Planning Area (DECCW 2010); contains Littoral Rainforest EEC as well as <i>Phaius australis</i>
41	NR47	Boulder Beach, Ballina (including SEPP26 no.38 - Boulder Beach south)	Freshwater wetland EEC, Swamp Sclerophyll Forest EEC	Site is in the Border Ranges Planning Area (DECCW 2010); also contains Border Ranges species.
41	NR64	Bundjalung NP (north)	<i>Phaius australis</i>	
51	NR52	Angels Beach, Ballina	Freshwater Wetland EEC, Swamp Sclerophyll Forest EEC	Site is in the Border Ranges Planning Area (DECCW 2010); also contains Border Ranges species.
54	NR107	Dammerels Head, Moonee Beach NR	Grassy Headland EEC, <i>Thesium australe</i> , <i>Zieria prostrata</i>	
54	NR138	Hat Head NP	None	
58	NR121	Bongil Bongil NP (including SEPP26 no. 75, 76, 77, 78)	Littoral Rainforest EEC, <i>Acronychia littoralis</i> , <i>Chamaesyce psammogeton</i>	Includes low-growing form of <i>Zieria smithii</i> but this isn't part of the listed population.
58	NR73	Iluka NR	Littoral Rainforest EEC	
58	NR82	Angourie Point, Yuraygir NP	Grassy Headland EEC, <i>Allocasuarina defungens</i> , <i>Chamaesyce psammogeton</i> , <i>Pultenaea maritima</i>	
63	NR85	Redcliff, Yuraygir NP	Grassy Headland EEC, <i>Pultenaea maritima</i> , <i>Sophora tomentosa</i> , <i>Thesium australe</i>	
63	NR22	Fern Beach – South Golden Beach	<i>Acronychia littoralis</i> , <i>Cryptocarya foetida</i> , Littoral Rainforest	Site in Byron Shire currently undergoing control works
68	NR51	Sharps Beach, Ballina	Freshwater wetland EEC, Littoral Rainforest EEC, Swamp Sclerophyll Forest EEC	Site is in the Border Ranges Planning Area (DECCW 2010); also contains Border Ranges species.
68	NR63	Ten Mile Beach and Bombing Range, Bundjalung NP	Littoral Rainforest EEC	




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68	NR71	Middle Bluff, BundjalungNP	Grassy Headland EEC, <i>Chamaesyce psammogeton</i>	
68	NR88	Sandon north and Sandon North beach, Yuraygir NP	<i>Chamaesyce psammogeton</i>	
72	NR106	Bare Bluff, Moonee Beach NR	<i>Thesium australe</i> , <i>Zieria prostrata</i>	
72	NR114	Diggers Head	<i>Thesium australe</i> , <i>Zieria smithii</i> (low-growing form) endangered population	
72	NR62	Dirrawong Reserve	<i>Pultenaea maritima</i>	
72	NR65	Iluka Bluff, Bundjalung NP	Grassy Headland EEC, Littoral rainforest EEC, <i>Sophora tomentosa</i>	
72	NR91	Rocky Point, Yuraygir NP	<i>Pultenaea maritima</i>	
81	NR132	Arakoon SCA	Littoral Rainforest EEC	
86	NR105	Woolgoolga Beach and headland, Coffs Coast Regional Park	<i>Sophora tomentosa</i> , <i>Thesium australe</i>	
86	NR156	Diamond Head, Crowdy Bay NP	<i>Thesium australe</i>	Species include low-growing form of <i>Zieria smithii</i> but this isn't part of the listed population
86	NR34	Clarkes Beach Caravan Park	Byron Bay Graminoid Heath EEC	Site is in the Border Ranges Planning Area (DECCW 2010); also contains Border Ranges species
86	NR97	Yuraygir NP	Littoral Rainforest EEC, <i>Elyonurus citreus</i> , <i>Allocasuarina defungens</i>	
93	NR147	Flynns Beach and Shelly Beach, Port Macquarie	<i>Sophora tomentosa</i>	
93	NR39	Seven Mile Beach North	<i>Cryptocarya foetida</i> , <i>Cordyline congesta</i> , Littoral Rainforest	Site in Byron Shire currently undergoing control works
93	NR50	Sharps Beach, Ballina (Whites Head)	Grassy Headland EEC	
93	NR83	Shelley Headland, Yuraygir NP	Grassy Headland EEC, <i>Pultenaea maritima</i>	
102	NR109	Moonee Beach NR	Littoral Rainforest EEC, <i>Pultenaea maritima</i>	
102	NR115	Macauleys Headland	<i>Thesium australe</i>	
102	NR134	Big Smoky section, Hat Head NP	Littoral Rainforest EEC, <i>Acronychia littoralis</i>	
102	NR135	Connors – Hat Head, Hat Head NP	<i>Thesium australe</i>	
102	NR136	Hat Head NP, east of town and headland near camping ground	<i>Thesium australe</i>	
102	NR137	O'Connors Beach, Hat Head NP	None	




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102	NR99	Station Creek Beach, Yuraygir NP	<i>Geodorum densiflorum</i>	
115	NR131	Smoky Cape (Macleay River)	<i>Chamaesyce psammogeton</i>	
115	NR53	Shelley Beach, Ballina	Freshwater wetland EEC	Site is in the Border Ranges Planning Area (DECCW 2010); also contains Border Ranges species
115	NR67	Bundjalung NP, many locations	Littoral Rainforest EEC, <i>Acronychia littoralis</i>	
119	NR155	Dooragan NP	<i>Melaleuca groveana</i>	
123	NR111	East of Crystal Waters (SEPP26 no. 68b)	Littoral Rainforest EEC	
123	NR113	Sapphire Gardens, Coffs Harbour (including SEPP26 no. 69)	Littoral Rainforest EEC, <i>Sophora tomentosa</i>	
123	NR127	Scotts Head	<i>Acronychia littoralis</i> , <i>Glycine clandestina</i> (broad leaf form endangered population), <i>Melaleuca groveana</i>	
123	NR128	1km north of Grassy Head (SEPP26 no. 96)	Littoral Rainforest EEC	
123	NR130	Clybucca Historic Site, northern section (SEPP26 no. 101b)	Littoral Rainforest EEC	
123	NR140	Hat Head NP, Crescent Head	Littoral Rainforest EEC	
123	NR141	South Hat Head	None	Only priority is low-growing form of <i>Zieria smithii</i> but this isn't part of the listed population
123	NR144	Delicate Nobby Headland, 1.5km north of Limeburners Creek NR (SEPP26 no. 105b)	Littoral Rainforest EEC	
123	NR149	Miners Beach, South of Sea Acres NR, near Tacking Point (SEPP26 no. 113)	Littoral Rainforest EEC	
123	NR45	Lennox Head (Headland)	None	Non-rainforest site
123	NR80	Angourie Reserve	None	
123	NR81	Angourie Back Beach, Yuraygir NP	None	
123	NR84	Plumbago Headland, Yuraygir NP	Grassy Headland EEC	
123	NR87	Pebbly – Freshwater, Yuraygir NP	None	
123	NR89	Sandon River, Yuraygir NP	<i>Sophora tomentosa</i>	
123	NR96	Wooli River	<i>Sophora tomentosa</i>	
123	NR98	Dirrangan Lookout track, Yuraygir NP	Grassy Headland EEC	



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Category 2				
170	NR52	Grants Head	<i>Thesium australe</i>	
183	NR117	Coffs Harbour	<i>Pultenaea maritima</i>	
189	NR27	Belongil Beach	<i>Cryptocarya foetida</i> , <i>Cordyline congesta</i> , Littoral Rainforest	Site in Byron Shire currently undergoing control works
191	NR146	Pelican Point (including SEPP 26 no. 107)	Littoral Rainforest EEC, <i>Chamaesyce psammogeton</i>	
195	NR143	Racecourse Headland (including SEPP26 no. 104a, 105, 105a, 106)	Littoral Rainforest EEC	
206	NR92	Minnie Water Back beach and Foreshore Reserve	<i>Olax angulata</i>	
207	NR58	Richmond River NR	None	
208	NR28	Crown lands, Byron Shire Council	Byron Bay Dwarf Graminoid Clay Heath EEC	
208	NR31	Crown land, upslope of Arakwal NP adjoining water tower	Byron Bay Dwarf Graminoid Clay Heath EEC	
208	NR69	Shark Bay, Bundjalung NP	<i>Sophora tomentosa</i>	
208	NR101	Coffs Coast Regional Park, 400m NW of Arrawarra (SEPP26 no. 62)	Littoral Rainforest EEC	
208	NR104	Cabins Beach, Coffs Harbour Regional Park, Mullaway	<i>Sophora tomentosa</i>	
208	NR108	Diggers Point, Moonee Beach NR	<i>Zieria prostrata</i>	
208	NR139	Hat Head NP – Third Beach, Hungry Hill	None	
208	NR151	South of Lake Cathie (SEPP26 no. 116)	Littoral Rainforest EEC	
208	NR153	Googleys Lagoon, Camden Head, West of Kattang NR (SEPP26 no. 122)	Littoral Rainforest EEC	
Category 3				
241	NR126	Warrell Creek area (SEPP26 no. 90, 91, 92, 93, 94)	Littoral Rainforest EEC	
266	NR79	Angourie	<i>Phaius australis</i>	
267	NR116	Park Beach, Coffs Harbour	<i>Sophora tomentosa</i>	
267	NR76	Carrs Road boat ramp, Maclean	None	
267	NR77	Aboriginal land south of Yamba	<i>Phaius australis</i> , <i>Phaius tankervilleae</i>	



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267	NR78	Joss Island, Oyster Channel – Wooloweyah Lagoon	None	
267	NR75	Yamba Beach	None	
267	NR72	Iluka Bluff, Bundjalung NP	None	
267	NR59	South of Pimlico (SEPP26 no. 44)	Littoral Rainforest EEC	
267	NR60	Little Pimlico Island NR (SEPP26 no. 45)	Littoral Rainforest EEC	
267	NR44	Lennox Head	Freshwater Wetland EEC	
267	NR86	Plover Island, Yuraygir NP	None	
Category 4				
310	NR8	Casuarina Beach, north of Cudgen NR	<i>Sophora tomentosa</i> , <i>Geodorum densiflorum</i>	
313	NR33	Cumbebin Swamp NR	<i>Phaius tankervilleae</i>	
321	NR6	Tweed Estuary NR	None	
321	NR42	Ballina NR	None	
321	NR95	Wooli, Yuraygir NP	<i>Olax angulata</i>	
Category 5				
345	NR 93	Diggers Camp	<i>Olax angulata</i>	
Sites which could not be modelled due to insufficient information				
	NR11	Bogangar Beach	<i>Chamaesyce psammogeton</i>	
	NR12	Norries Head	Grassy Headland EEC	
	NR14	Hastings Point	Grassy Headland EEC	
	NR74	Clarence Estuary NR (SEPP26 no. 54a)	Littoral Rainforest EEC	
	NR100	Red Rock, Woolgoolga (including SEPP 26 no. 60a)	Littoral Rainforest EEC, <i>Acronychia littoralis</i>	
	NR102	Arrawarra Headland	None	
	NR103	Halfway between Woolgoolga and Sandy Beach (SEPP26 no. 64b)	Littoral Rainforest EEC	
	NR112	1.3 km north-east of Korora (SEPP26 no. 68c)	Littoral Rainforest EEC	
	NR118	North of Sawtell (SEPP26 no. 70, 70a)	Littoral Rainforest EEC	
	NR120	South-east of Sawtell (SEPP26 no. 71a, 71b)	Littoral Rainforest EEC	
	NR123	South-east of Urunga, Hungry Head (SEPP26 no. 81, 82)	Littoral Rainforest EEC	



Site rank	Site no.	Site name	Threatened priority species or vegetation community *	Notes
	NR124	Valla Headland and Beach (including SEPP26 no. 86)	Littoral Rainforest EEC	Also <i>Zieria smithii</i> low-growing form but this isn't part of the listed population
	NR125	Nambucca Heads (including Shelley Beach)	<i>Chamaesyce psammogeton</i>	
	NR129	North-east of Clybucca Historic Site, Near South West Rocks (SEPP26 no. 100, 101-4 patches)	Littoral Rainforest EEC	
Biodiversity for which no sites were identified				
			<i>Caesia parviflora</i> var. minor	
			<i>Lindsaea fraseri</i>	
			<i>Pterostylis nigricans</i>	

Notes: * 'None' in this column means that the species and communities identified for the site are priority threat abatement plan species but are not threatened species.

NR = nature reserve, NP = national park, SCA = State conservation area

EEC = endangered ecological community

Department of Environment, Climate Change and Water 2010, *Border Ranges Rainforest Biodiversity Management Plan: NSW and Queensland*, DECCW, Sydney.