

EPBC Act Fauna			Local Floristic Communities/ Fauna Habitat			Local Impacts			Regional Impacts						
Taxon	Status	Habitat Description (obtained from DotEE)	Vegetation Description	Vegetation Code	Pre-European Vegetation	Total Area to be cleared (ha)	Total Area survey area (ha)	% local habitat proposed to be impacted	Total Area in PIL1 subregion (ha)	Total Area in PIL2 subregion (ha)	Total Area in LSD1 subregion (ha)	Total Area in LSD2 subregion (ha)	% regional habitat proposed to be impacted		
Great Desert Skink <i>Liopholis kintorei</i>	Vulnerable	Sand plains and sand dunes vegetated with spinifex. The Great Desert Skink generally occurs on red sandplains and sand ridges (Cogger et al. 1993). Sites in WA are dominated by <i>Triodia basedowii</i> and <i>Triodia schinzii</i> with some <i>Eremophila leucophylla</i> shrubs (Pearson et al. 2001). Regenerating vegetation appears to be a critical habitat requirement (McAlpin 1997). Skinks appear to prefer a mosaic landscape of different aged vegetation and inhabit sites that have been burnt in the previous three to fifteen years (McAlpin 1998, 2001).	Low forest of <i>Allocasuarina decaisneana</i> over open scrub of <i>Acacia/ Grevillea</i> and mid-dense hummock grass of <i>Triodia basedowii</i> on sand dunes/ swales	D-CFW	Little Sandy Desert 194-Hummock grasslands, tree steppe; desert oak & hard spinifex between sandhills	6.04	642	0.94				59,063.95	0.01		
			Open low woodland of <i>Corymbia opaca</i> over low scrub of <i>Acacia/Grevillea</i> spp. Scrub of <i>Acacia/Eremophila/Grevillea</i> spp. over mid-dense hummock grass of <i>Triodia</i>	D-HG	Little Sandy Desert 134-Mosaic: Hummock grasslands, open low tree steppe; desert bloodwood and feathertop Little Sandy Desert 158-Hummock grasslands, shrub steppe; kanji over <i>Triodia basedowii</i>	105.9	35839	0.30	828.54	99.81	10003.11	7,363,935.12	0.00		0.05
			Open low woodland of <i>Corymbia</i> spp./ <i>Hakea lorea</i> over low scrub of <i>Acacia</i> spp. and mid-dense hummock grass of <i>Triodia</i> spp. in sandplain	P-HG	Abydos Plain – Chichester 111-Hummock grasslands, shrub steppe; <i>Eucalyptus gamophylla</i> over hard spinifex Little Sandy Desert 99-Hummock grasslands, shrub steppe; <i>Acacia coriacea</i> & <i>Hakea</i> over hard spinifex		80,894.59	24482.23			398,672.56	65,175.27	0.02		
			Open shrub mallee of <i>Eucalyptus gamophylla/ E. kingsmillii</i> subsp. <i>kingsmillii</i> over low scrub of <i>Acacia bivenosa</i> and mid-dense hummock grass of <i>Triodia basedowii</i> in sandplain		Little Sandy Desert 134-Mosaic: Hummock grasslands, open low tree steppe; desert bloodwood and feathertop spinifex (on) sandhills / Hummock grasslands, shrub	70.39	11162	0.63	828.54	99.81	10003.11	7,363,935.12	0.00		
			Little Sandy Desert 158-Hummock grasslands, shrub steppe; kanji over <i>Triodia basedowii</i>						178,188.03	49274.46	0.03				
Princess Parrot <i>Polytelis alexandrae</i>	Vulnerable	Inhabits sand dunes and sand flats in the arid zone of western and central Australia. It occurs in open savanna woodlands and shrublands that usually consist of scattered stands of <i>Eucalyptus</i> (including <i>E. gonylocarpa</i> , <i>E. chippendalei</i> and mallee species), <i>Casuarina</i> or <i>Allocasuarina</i> trees; an understorey of shrubs such as <i>Acacia</i> (especially <i>A. aneura</i>), <i>Cassia</i> , <i>Eremophila</i> , <i>Grevillea</i> , <i>Hakea</i> and <i>Senna</i> ; and a ground cover dominated by <i>Triodia</i> species	Low forest of <i>Allocasuarina decaisneana</i> over open scrub of <i>Acacia/ Grevillea</i> and mid-dense hummock grass of <i>Triodia basedowii</i> on sand dunes/ swales	D-CFW	Little Sandy Desert 194-Hummock grasslands, tree steppe; desert oak & hard spinifex between sandhills	6.04	642	0.94				59,063.95	0.01		
			Open low woodland of <i>Corymbia opaca</i> over low scrub of <i>Acacia/Grevillea</i> spp. Scrub of <i>Acacia/Eremophila/Grevillea</i> spp. over mid-dense hummock grass of <i>Triodia</i>	D-HG	Little Sandy Desert 134-Mosaic: Hummock grasslands, open low tree steppe; desert bloodwood and feathertop Little Sandy Desert 158-Hummock grasslands, shrub steppe; kanji over <i>Triodia basedowii</i>	105.9	35839	0.30	828.54	99.81	10003.11	7,363,935.12	0.00		0.05
			Open low woodland of <i>Corymbia</i> spp./ <i>Hakea lorea</i> over low scrub of <i>Acacia</i> spp. and mid-dense hummock grass of <i>Triodia</i> spp. in sandplain	P-HG	Abydos Plain – Chichester 111-Hummock grasslands, shrub steppe; <i>Eucalyptus gamophylla</i> over hard spinifex Little Sandy Desert 99-Hummock grasslands, shrub steppe; <i>Acacia coriacea</i> & <i>Hakea</i> over hard spinifex		80,894.59	24482.23			398,672.56	65,175.27	0.02		
			Open shrub mallee of <i>Eucalyptus gamophylla/ E. kingsmillii</i> subsp. <i>kingsmillii</i> over low scrub of <i>Acacia bivenosa</i> and mid-dense hummock grass of <i>Triodia basedowii</i> in sandplain		Little Sandy Desert 134-Mosaic: Hummock grasslands, open low tree steppe; desert bloodwood and feathertop spinifex (on) sandhills / Hummock grasslands, shrub	70.39	11162	0.63	828.54	99.81	10003.11	7,363,935.12	0.00		
			Little Sandy Desert 158-Hummock grasslands, shrub steppe; kanji over <i>Triodia basedowii</i>						178,188.03	49274.46	0.03				
				OD-EW	Little Sandy Desert 99-Hummock grasslands, shrub steppe; <i>Acacia coriacea</i> & <i>Hakea</i> over hard spinifex <i>Triodia basedowii</i>						398,672.56	65,175.27	0.00		
			Open low woodland of <i>Eucalyptus camaldulensis/ Corymbia</i> spp. over mid-dense hummock grass of <i>Triodia</i> spp. in creekline		Little Sandy Desert 117-Hummock grasslands, grass steppe; soft spinifex	18.7	3029	0.62			191412.37	95838.81	0.01		
		Little Sandy Desert 134-Mosaic: Hummock grasslands, open low tree steppe; desert bloodwood and feathertop spinifex (on) sandhills / Hummock grasslands, shrub steppe; mixed shrubs over spinifex between sandhills				828.54	99.81	10003.11	7,363,935.12	0.00					
Rainbow Bee-eater <i>Merops ornatus</i>	Migratory	Occurs in open woodlands and shrublands, including mallee, and in open forests that are usually dominated by eucalypts. It also occurs in grasslands (Gibson 1986; Jones 1986; Leach 1988; Longmore 1978; McEvey & Middleton 1968; Saunders & Ingram 1995; Woinarski et al. 1988, 1989) and, especially in arid or semi-arid areas, in riparian, floodplain or wetland vegetation assemblages (Badman 1989; Gee et al. 1996; Gibson 1986; Gibson & Cole 1988; Henle 1989; Longmore 1978; Storr 1977; Woinarski et al. 1988).	Low woodland of <i>Acacia</i> spp. over low scrub of <i>Senna artemisioides</i> and mixed dwarf scrub in drainage depression	OD-AFW	Little Sandy Desert 99-Hummock grasslands, shrub steppe; <i>Acacia coriacea</i> & <i>Hakea</i> over hard spinifex <i>Triodia basedowii</i>	1.45	516	0.28				398,672.56	65,175.27	0.00	
			Open low woodland of <i>Eucalyptus camaldulensis/ Corymbia</i> spp. over mid-dense hummock grass of <i>Triodia</i> spp. in creekline	OD-EW	Little Sandy Desert 99-Hummock grasslands, shrub steppe; <i>Acacia coriacea</i> & <i>Hakea</i> over hard spinifex <i>Triodia basedowii</i>						398,672.56	65,175.27	0.00		
			Little Sandy Desert 117-Hummock grasslands, grass steppe; soft spinifex		18.7	3029	0.62			191412.37	95838.81	0.01			
				D-HG	Little Sandy Desert 134-Mosaic: Hummock grasslands, open low tree steppe; desert bloodwood and feathertop spinifex (on) sandhills / Hummock grasslands, shrub steppe; mixed shrubs over spinifex between sandhills				828.54	99.81	10003.11	7,363,935.12	0.00		
			Open low woodland of <i>Corymbia opaca</i> over low scrub of <i>Acacia/Grevillea</i> spp. Scrub of <i>Acacia/Eremophila/Grevillea</i> spp. over mid-dense hummock grass of <i>Triodia</i>		Little Sandy Desert 158-Hummock grasslands, shrub steppe; kanji over <i>Triodia basedowii</i>	105.9	35839	0.30	828.54	99.81	10003.11	7,363,935.12	0.00		0.05
Greater Bilby <i>Macrotis lagotis</i>	Vulnerable	Open tussock grassland (both grasses and forbs) growing on uplands and hills, mulga woodland/shrubland (both pure mulga and mixed stands of mulga/witchetty bush) growing on ridges and rises, and hummock grassland growing on sand plains and dunes, drainage systems, salt lake systems and other alluvial areas.	Scrub of <i>Acacia</i> spp. over mixed low scrub and mid-dense hummock grass of <i>Triodia pungens</i> on rocky hillslope	RH-AFW	Little Sandy Desert 99-Hummock grasslands, shrub steppe; <i>Acacia coriacea</i> & <i>Hakea</i> over hard spinifex <i>Triodia basedowii</i>						398,672.56	65,175.27	0.00		
			Little Sandy Desert 134-Mosaic: Hummock grasslands, open low tree steppe; desert bloodwood and feathertop spinifex (on) sandhills / Hummock grasslands, shrub steppe; mixed shrubs over spinifex between sandhills		12	1077	1.11	828.54	99.81	10003.11	7,363,935.12	0.00			
			Low forest of <i>Allocasuarina decaisneana</i> over open scrub of <i>Acacia/ Grevillea</i> and mid-dense hummock grass of <i>Triodia basedowii</i> on sand dunes/ swales	D-CFW	Little Sandy Desert 194-Hummock grasslands, tree steppe; desert oak & hard spinifex between sandhills	6.04	642	0.94					59,063.95	0.01	
			Open low woodland of <i>Corymbia opaca</i> over low scrub of <i>Acacia/Grevillea</i> spp. Scrub of <i>Acacia/Eremophila/Grevillea</i> spp. over mid-dense hummock grass of <i>Triodia</i>	D-HG	Little Sandy Desert 134-Mosaic: Hummock grasslands, open low tree steppe; desert bloodwood and feathertop Little Sandy Desert 158-Hummock grasslands, shrub steppe; kanji over <i>Triodia basedowii</i>	105.9	35839	0.30	828.54	99.81	10003.11	7,363,935.12	0.00		0.05
			Open low woodland of <i>Corymbia</i> spp./ <i>Hakea lorea</i> over low scrub of <i>Acacia</i> spp. and mid-dense hummock grass of <i>Triodia</i> spp. in sandplain		P-HG	Abydos Plain – Chichester 111-Hummock grasslands, shrub steppe; <i>Eucalyptus gamophylla</i> over hard spinifex Little Sandy Desert 99-Hummock grasslands, shrub steppe; <i>Acacia coriacea</i> & <i>Hakea</i> over hard spinifex		80,894.59	24482.23			398,672.56	65,175.27	0.02	
			Open shrub mallee of <i>Eucalyptus gamophylla/ E. kingsmillii</i> subsp. <i>kingsmillii</i> over low scrub of <i>Acacia bivenosa</i> and mid-dense hummock grass of <i>Triodia</i>	Little Sandy Desert 134-Mosaic: Hummock grasslands, open low tree steppe; desert bloodwood and feathertop spinifex (on) sandhills / Hummock grasslands, shrub		70.39	11162	0.63	828.54	99.81	10003.11	7,363,935.12	0.00		
			Little Sandy Desert 158-Hummock grasslands, shrub steppe; kanji over <i>Triodia basedowii</i>						178,188.03	49274.46	0.03				
	OD-AFW	Little Sandy Desert 99-Hummock grasslands, shrub steppe; <i>Acacia coriacea</i> & <i>Hakea</i> over hard spinifex <i>Triodia basedowii</i>	1.45	516	0.28					398,672.56	65,175.27	0.00			

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Night Parrot <i>Pezoporus occidentalis</i>	Endangered	Most habitat records are of <i>Triodia</i> (Spinifex) grasslands and/or chenopod shrublands (Garrett et. al., 2011) in the arid and semi-arid zones, and Higgins (1999) listed <i>Astrebla</i> spp. (Mitchell grass), shrubby samphire and chenopod associations, scattered trees and shrubs, <i>Acacia aneura</i> (Mulga) woodland, treeless areas and bare gibber as associated with sightings of the species.	Scrub of <i>Acacia</i> spp. over mixed low scrub and mid-dense hummock grass of <i>Triodia pungens</i> on rocky hillslope	RH-AFW	Little Sandy Desert 99-Hummock grasslands, shrub steppe; <i>Acacia coriacea</i> & <i>Hakea</i> over hard spinifex <i>Triodia basedowii</i>	12	1077	1.11			398,672.56	65,175.27	0.00		
					Little Sandy Desert 134-Mosaic: Hummock grasslands, open low tree steppe; desert bloodwood and feathertop spinifex (on) sandhills / Hummock grasslands, shrub steppe; mixed shrubs over spinifex between sandhills				828.54	99.81	10003.11	7,363,935.12	0.00		
			Open shrub mallee of <i>Eucalyptus gamophylla</i> / <i>E. kingsmillii</i> subsp. <i>kingsmillii</i> over low scrub of <i>Acacia</i> / <i>Grevillea</i> spp. and mid-dense hummock grass of <i>Triodia</i> spp. on rocky hillslope	RH-MWS	Little Sandy Desert 99-Hummock grasslands, shrub steppe; <i>Acacia coriacea</i> & <i>Hakea</i> over hard spinifex <i>Triodia basedowii</i>	6.08	1356	0.45					398,672.56	65,175.27	0.00
					Little Sandy Desert 134-Mosaic: Hummock grasslands, open low tree steppe; desert bloodwood and feathertop spinifex (on) sandhills / Hummock grasslands, shrub steppe; mixed shrubs over spinifex between sandhills				828.54	99.81	10003.11	7,363,935.12	0.00		
					Abydos Plain – Chichester 111-Hummock grasslands, shrub steppe; <i>Eucalyptus gamophylla</i> over hard spinifex				80,894.59	24482.23			0.00		
			Low woodland of <i>Acacia</i> spp. over low scrub of <i>Eremophila</i> / <i>Senna</i> spp. And mid-dense hummock grass of <i>Triodia basedowii</i> on rocky plain	RP-AFW	Little Sandy Desert 99-Hummock grasslands, shrub steppe; <i>Acacia coriacea</i> & <i>Hakea</i> over hard spinifex <i>Triodia basedowii</i>	5.25	1572	0.33					398,672.56	65,175.27	0.00
					Little Sandy Desert 134-Mosaic: Hummock grasslands, open low tree steppe; desert bloodwood and feathertop spinifex (on) sandhills / Hummock grasslands, shrub steppe; mixed shrubs over spinifex between sandhills				828.54	99.81	10003.11	7,363,935.12	0.00		
			Open low woodland of <i>Corymbia aspera</i> over low scrub of <i>Acacia</i> spp. and mid-dense hummock grass of <i>Triodia basedowii</i> on rocky plain	RP-HG	Little Sandy Desert 158-Hummock grasslands, shrub steppe; kanji over <i>Triodia basedowii</i>	2.63	1639	0.16					178,188.03	49274.46	0.00
					Little Sandy Desert 99-Hummock grasslands, shrub steppe; <i>Acacia coriacea</i> & <i>Hakea</i> over hard spinifex <i>Triodia basedowii</i>						398,672.56	65,175.27	0.00		
					Little Sandy Desert 134-Mosaic: Hummock grasslands, open low tree steppe; desert bloodwood and feathertop spinifex (on) sandhills / Hummock grasslands, shrub steppe; mixed shrubs over spinifex between sandhills				828.54	99.81	10003.11	7,363,935.12	0.00		
			Open low woodland of <i>Eucalyptus camaldulensis</i> / <i>Corymbia</i> spp. over mid-dense hummock grass of <i>Triodia</i> spp. in creekline	OD-EW	Little Sandy Desert 99-Hummock grasslands, shrub steppe; <i>Acacia coriacea</i> & <i>Hakea</i> over hard spinifex <i>Triodia basedowii</i>	18.7	3029	0.62					398,672.56	65,175.27	0.00
					Little Sandy Desert 117-Hummock grasslands, grass steppe; soft spinifex						191412.37	95838.81	0.01		
					Little Sandy Desert 134-Mosaic: Hummock grasslands, open low tree steppe; desert bloodwood and feathertop spinifex (on) sandhills / Hummock grasslands, shrub steppe; mixed shrubs over spinifex between sandhills				828.54	99.81	10003.11	7,363,935.12	0.00		
			Low forest of <i>Allocasuarina decasneana</i> over open scrub of <i>Acacia</i> / <i>Grevillea</i> and mid-dense hummock grass of <i>Triodia basedowii</i> on sand dunes/ swales	D-CFW	Little Sandy Desert 194-Hummock grasslands, tree steppe; desert oak & hard spinifex between sandhills	6.04	642	0.94					59,063.95	0.01	
			Open low woodland of <i>Corymbia opaca</i> over low scrub of <i>Acacia</i> / <i>Grevillea</i> spp.	D-HG	Little Sandy Desert 134-Mosaic: Hummock grasslands, open low tree steppe; desert bloodwood and feathertop spinifex (on) sandhills / Hummock grasslands, shrub steppe; kanji over <i>Triodia basedowii</i>	105.9	35839	0.30	828.54	99.81	10003.11	7,363,935.12	0.00		
Scrub of <i>Acacia</i> / <i>Eremophila</i> / <i>Grevillea</i> spp. over mid-dense hummock grass of <i>Triodia</i>			178,188.03		49274.46				0.05						
Open low woodland of <i>Corymbia</i> spp./ <i>Hakea lorea</i> over low scrub of <i>Acacia</i> spp. and mid-dense hummock grass of <i>Triodia</i> spp. in sandplain	P-HG	Abydos Plain – Chichester 111-Hummock grasslands, shrub steppe; <i>Eucalyptus gamophylla</i> over hard spinifex	70.39	11162	0.63	80,894.59	24482.23				0.07				
		Little Sandy Desert 99-Hummock grasslands, shrub steppe; <i>Acacia coriacea</i> & <i>Hakea</i> over hard spinifex						398,672.56	65,175.27	0.02					
		Little Sandy Desert 134-Mosaic: Hummock grasslands, open low tree steppe; desert bloodwood and feathertop spinifex (on) sandhills / Hummock grasslands, shrub steppe; mixed shrubs over spinifex between sandhills				828.54	99.81	10003.11	7,363,935.12	0.00					
Open shrub mallee of <i>Eucalyptus gamophylla</i> / <i>E. kingsmillii</i> subsp. <i>kingsmillii</i> over low scrub of <i>Acacia bivenosa</i> and mid-dense hummock grass of <i>Triodia</i>	CD-CSSSF	Little Sandy Desert 158-Hummock grasslands, shrub steppe; kanji over <i>Triodia basedowii</i>	2.14	6225	0.03					178,188.03	49274.46	0.03			
Heath of mixed <i>Tecticornia</i> spp. on salt lake edge							979.85	225,060.80	0.00						

Habitat	Total Impact (ha)
D-CFW	6.04
D-HG	105.9
P-HG	70.39
OD-EW	18.7
OD-AFW	1.45
RH-AFW	12
RH-MWS	6.08
RP-AFW	5.25
RP-HG	2.63
CD-CSSSF	2.14
TOTAL	230.58