Offsets Assessment Guide For use in determining offsets under the Environment Protection and Biodiversity Conservation Act 1999 2 October 2012 This guide relies on Macros being enabled in your browser.

Matter of National Environmental Significance								
Name	Swift Parrot							
EPBC Act status	Critically Endangered							
Annual probability of extinction Based on IUCN category definitions	6.8%							

Key to Cell Colours								
User input required								
Drop-down list								
Calculated output								
Not applicable to attribute								

	Impact calculator													
	Protected matter attributes	Attribute relevant to case?	Description	Quantum of imp	oact	Units	Information source							
			Ecological co	ommunities										
				Area										
	Area of community	No		Quality										
				Total quantum of impact	0.00									
	Threatened species habitat													
			45.76 ha of direct,	Area	45.76	Hectares								
Impact calculator	Area of habitat	Yes	43.70 ha of direct, partial and mitigated indirect impacts, mainly to poor quality habitat with few foraging	Quality	3	Scale 0-10	ELA Survey							
			species	Total quantum of impact	13.73	Adjusted hectares								
qmI	Protected matter attributes	Attribute relevant to case?	Description	Quantum of imp	oact	Units	Information source							
	Number of features e.g. Nest hollows, habitat trees	No												
	Condition of habitat Change in habitat condition, but no change in extent	No												
			Threatene	d species										
	Birth rate e.g. Change in nest success	No												
	Mortality rate e.g. Change in number of road kills per year	No												
	Number of individuals e.g. Individual plants/animals	No												

	Offset calculator																										
	Protected matter attributes	Attribute relevant to case?	Total quantum of impact	Units	Proposed offset	Time horizon	(years)	Start ard qual		Future area and quality without offs	Fut	ire area ty with (		Raw gain	Confidence in result (%)	Adjusted gain	Net present value (adjusted hectares)	% of impact offset	Minimum (90%) direct offset requirement met?	Cost (\$ total)	Information source						
		Ecological Communities																									
	Area of community	No				Risk-related time horizon (max. 20 years)		Start area (hectares)		Risk of loss (%) without offset Future area without offset 0.0	Risk o (%) v offs Future with c	vith et area offset	0.0														
		NO				Time until ecological benefit		Start quality (scale of 0-10)		(adjusted hectares) 0.0   Future quality without offset (scale of 0-10) 0.0	hecta Future with c	(adjusted hectares) Future quality with offset (scale of 0-10)															
Ī	Threatened species habitat																										
•	Area of habitat	at Yes 13.73 Adjusted hectares 13.83 Adjusted									192.50 ha of higher	Time over which loss is	20	Start area	192.5	Risk of loss (%) without offset	Risk o (%) v offs	vith et	1%	7.70	95%	7.31	1.96				
lator			13.73	Adjusted hectares	(143.80 ha) in large connected patches in two BSA sites and 48.70 ha to be restored	averted (max. 20 years)	20	(hectares)	192.5	Future area without offset (adjusted hectares)	Future with c (adju hecta	ffset sted	190.6		,,,,,	1.51	15.36	111.86%	Yes								
Offset calculator			to CPW & SSTF	Time until ecological benefit	20	20 Start quality (scale of 0-10)		Future quality without offset 4 (scale of 0-10)	Future of with of (scale of the second secon	ffset	7	3.00	95%	2.85	0.76												
Offse	Protected matter attributes	Attribute relevant to case?	Total quantum of impact	Units	Proposed offset	Time horizon (years) S		Start value Fu		Future value without offset		re value offset	e with	Raw gain	Confidence in result (%)	Adjusted gain	Net present value	% of impact offset	Minimum (90%) direct offset requirement met?	Cost (\$ total)	Information source						
	Number of features e.g. Nest hollows, habitat trees	No																									
	Condition of habitat Change in habitat condition, but no change in extent	No																									
										Threatene	l species									·							
	Birth rate e.g. Change in nest success	No																									
	Mortality rate e.g Change in number of road kills per year	No																									
	Number of individuals e.g. Individual plants/animals	No																									

	Summary													
						Cost (\$)								
	Protected matter attributes	Quantum of impact	Net present value of offset	% of impact offset	Direct offset adequate?	Direct offset (\$)	Other compensatory measures (\$)	Total (\$)						
	Birth rate	0				\$0.00		\$0.00						
Summary	Mortality rate	0				\$0.00		\$0.00						
Sumi	Number of individuals	0				\$0.00		\$0.00						
•-	Number of features	0				\$0.00		\$0.00						
	Condition of habitat	0				\$0.00		\$0.00						
	Area of habitat	13.728	15.36	111.86%	Yes	\$0.00	N/A	\$0.00						
	Area of community	0				\$0.00		\$0.00						
						\$0.00	\$0.00	\$0.00						