

## A case study of environmental offsets for the endangered Carnaby's cockatoo (*Calyptorhynchus latirostris*)

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**Supplementary Table 1.** Research questions, informed by a literature search into the theory behind environmental offsets, used to provide a framework for determining which data were collected and examined.

Investigative Questions	
<b>Policy</b>	
1	How do the different policies compare? Which one is most likely to help Carnaby's cockatoo?
<b>Preliminary</b>	
2	How many WA and federal offsets have been established for Carnaby's cockatoo? <ul style="list-style-type: none"><li>• split into WA and federal</li></ul> How many have had conditions that were devoted to: <ul style="list-style-type: none"><li>• land acquisition</li><li>• on-ground management</li><li>• research</li><li>• others</li></ul>
<b>Land Acquisition</b>	

3	<p>Is there a time lag between money provided from offsets and the number of offset parcels bought?</p> <p>Where are offsets located?</p> <p>What proportion of purchased land acquisition offset parcels overlap with potential useful areas that surround known roost sites as well as known breeding habitat?</p> <p>What proportion of DPIRD conservation covenant offsets overlap with potential useful areas that surround known roost sites and breeding habitat?</p> <p>Is there evidence of landscape level planning for offset placement?</p> <p>Are these land parcels protected in perpetuity?</p>
<b>On-ground management</b>	
4	<p>Are there any criteria for determining if the task has been achieved or done to a particular standard?</p> <p>Was there a time lag between the offset condition being set and the task completed?</p> <p>Was there a time lag between completion of the task and when the cockatoos could first use the 'product' (i.e. food plants or roost trees)?</p> <p>Was there any reporting on outcomes to developer and regulator?</p> <p>How was this information transmitted and is it available to the wider community?</p>
<b>Research</b>	
5	<p>How many Carnaby's cockatoo research projects have been funded with offset funds?</p> <p>Were research offsets devoted to addressing knowledge gaps prescribed in recovery plans?</p> <p>How many of the recovery actions of the Carnaby's Cockatoo Recovery Plan were addressed in the research?</p> <p>Were they addressed in part or in full?</p> <p>Were they published or kept on university database?</p> <p>How much time did it take to complete the research relative to the type of enrollment?</p> <p>What was the time lag to publications arising from the completed theses?</p> <p>What types (impact factor) of journals were publications produced in?</p> <p>How many times have they been cited?</p> <p>How has this knowledge been used in conservation and planning?</p>