

Supplementary material

A review of methods used to capture and restrain introduced wild deer in Australia

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Text S1. Protocol for identifying methods used for the capture of wild deer in Australia

To minimise the risk of reporting bias due to incomplete retrieval of research (Moher *et al.* 2009), we used an electronic database (Google Scholar), The Murdoch University library catalogue, and our professional networks to identify relevant journal articles, books, unpublished reports, conference proceedings and theses. We conducted a series of searches in all years for each of the six deer species: chital (*Axis axis*), fallow deer (*Dama dama*), hog deer (*Axis porcinus*), red deer (*Cervus elaphus*), rusa deer (*Rusa timorensis*) and sambar (*Rusa unicolor*). For each species, we conducted searches of literature published in English, using the common and the scientific name and the term ‘Australia’. We then combined these iteratively with the following search terms: ‘anaesthesia’, ‘capture’, ‘collaring’, ‘darting’, ‘immobilisation’, ‘netting’, ‘sedation’, ‘telemetry’ and ‘trapping’. We also searched the bibliographies of the literature obtained and personally contacted the authors of unpublished reports, conference proceedings and theses.

Table S1. Studies found describing capture methods for wild deer in Australia and the type of publication

Study	Year	Peer-reviewed journal	Non-peer-reviewed journal	Thesis	Book	Book chapter	Report	Conference presentation
Presidente <i>et al.</i>	1978		✓					
English	1979		✓					
Presidente and English and Lepherd	1980		✓					
Hamilton	1981	✓		✓				
Searle and Parker	1982		✓					
English	1984					✓		
Keep	1984					✓		
McKenzie	1985						✓	
Lentz <i>et al.</i>	1986		✓					
Porter <i>a</i>	1986						✓	
Porter <i>b</i>	1986						✓	
Mulley	1989			✓				
Mayze and Moore	1990				✓			
Moore	1994			✓				
Statham and Statham	1996						✓	
Bentley	1998				✓			
Moriarty	2004			✓				
Dorney	2009						✓	
Davis	2011			✓				
Amos <i>et al.</i>	2012							✓
Roberts	2013			✓				
Amos <i>et al.</i>	2014	✓						
McGhie	2016							✓
Mitchell	2016						✓	
Pople <i>et al.</i>	2017							✓

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