

Appendix B. List of information extracted from included studies in order to determine the potential of avian predators as biological rodent pest control agents

Information extracted	Variable	Description
Paper authors	Names	Names of authors
Date	Date	Year of publication to determine temporal trend in research topic
Duration of study	Timespan	The duration of the study to determine the timespan it requires to collect sufficient results
Avian impact	Yes/no	If avian predation had any impact
Type of impact	<ul style="list-style-type: none"> • Direct decline in rodent pest populations • Decline in crop damage due to rodent pests • Mostly preyed upon pest species 	To qualitatively assess avian predator impact
Degree of impact and measurement of said degree	<ul style="list-style-type: none"> • Rodent decline - Trapping success - Individuals/ha • Crop damage - % damage decline - Increase in kg/hectare/harvest • % of pest species in diet - Frequency of rodent species in regurgitated pellets 	To quantitatively assess avian predator impact
Experimental design	<ul style="list-style-type: none"> • Natural monitoring • Manipulative studies 	To determine which experimental design was favoured
Change in avian density (Only applicable in manipulative studies)	Avian density before and after study	To determine if predator attraction methods are successful, and at what avian densities do results indicate a positive avian impact
Avian predator	Species	To determine which avian predators are used in biological control
Rodent pest species	Species	To determine the variation of rodent species acting as pests
Rodent species native or	Native/Invasive	To determine if rodent species

invasive		acting as pests are native or invasive species
Cropping system	Crops/Vegetation	To determine in which type of crops/vegetation avian predators have been used as biological control
Study location	Country/State	Location of study to determine spatial variation in research topic
