Contents

	Preamble	ι
Chapter 1	What and where they are	1
	Attitudes to tawny frogmouths	2
	Who are the relatives of the tawny frogmouth?	5
	Complexities of subspecies, geographic variation and systematics	7
	Distribution of tawny frogmouths within Australia	11
Chapter 2	General anatomy	17
	Integument	17
	Feathers	18
	Wings	25
	Eyes, ears and olfactory system	26
	Beak	27
	Neck and vertebrae	29
	Legs and feet	29
Chapter 3	The brain and the senses	33
	The brain	33
	Vision	36
	Hearing	44
	Smell, taste and tactile senses	46
Chapter 4	Daily life and adaptations	51
	Lifespan and interventions	51
	Predation and survival	52
	Sleeping	60
	Coping with the weather and the seasons	62
Chapter 5	Feeding and territory	65
	Type of food consumed	66

	Water regulation	68
	How and where they feed	68
	Problems with food	72
	Territory and territorial defence	73
Chapter 6	Bonding and breeding	79
	Partnerships	80
	Mating	81
	Nest building and the problem of tawny frogmouth nests	82
	Laying the eggs	87
	Parental role in incubating the eggs	88
	Brooding trance?	89
Chapter 7	Development	93
	Egg laying timing	93
	Egg size	95
	Inside the egg	96
	Hatching	97
	Nestling stage and camouflage	99
	Early development after hatching	102
	Food for the young birds	103
	Fledging	107
	Dispersal of young	108
Chapter 8	Emotions, vocal behaviour and communication	111
	Emotions and autonomic responses	111
	Beak signals	118
	Making sounds	118
	Vocal signals	119
	Type of calls	125
	Threat displays	126
	Epilogue	129
	Endnotes	132
	Index	145