

## Habitat Creation in Trees: Hollow Dwelling Birds & Mammals of the Adelaide Metropolitan Area.

Bird or Animal, Native to the Adelaide area. (A reference in this column is for all info. except that with its own ref.)	Scientific Name	Entrance Hole Size	Height above ground	Inside diameter	Depth from base of entry hole	Height
Australian Shelduck <sup>2</sup>	<i>Tadorna tadornoides</i>	Open Spout	2-30m	Av size 45 x 23		
Boobook Owl	<i>Ninox novaeseelandiae</i>	~20-30cm variable. 10cm <sup>8</sup>	3-30m 4-6m <sup>8</sup>	25 x 30cm <sup>8</sup>	30-250cm 50cm <sup>8</sup>	
Brush-tail Possum <sup>4</sup>	<i>Trichosurus vulpecula</i>	10cm	5m & up	20cm 25x25cm <sup>8</sup>	20cm 30cm <sup>8</sup>	55cm
Chestnut Teal <sup>3</sup>	<i>Anas castanea</i>					
Crimson or Adelaide Rosella <sup>8</sup>	<i>Platycercus elegans</i>	7.5cm	3m up	18x20cm	45cm	
Eastern Rosella <sup>2</sup>	<i>Platycercus eximius</i>	6-41cm 6.5cm <sup>8</sup> 7cm <sup>9</sup>	1-30m	15 x 20cm <sup>8</sup>	18-244cm 40cm <sup>8</sup>	
Galah <sup>2</sup>	<i>Eolophus roseicapillus</i>	12cm <sup>4</sup> ~17cm <sup>2</sup> 10cm <sup>8</sup>	1-20m	10-30cm 25x25cm <sup>8</sup>	20cm+ 50cm <sup>8</sup>	
Grey Strike Thrush <sup>5</sup>	<i>Colluricincla harmonia</i>					
Grey Teal <sup>2</sup>	<i>Anas gracilis</i>	10cm <sup>4</sup>	1.5-3.5m	35cm <sup>4</sup>	<130cm	45cm <sup>4</sup>
Laughing Kookaburra <sup>2</sup>	<i>Dacelo novaeguineae</i>	13-40cm 11cm <sup>8</sup>	2m & up	30cm+ 25-30cm <sup>8</sup>	60-240	
Little Corella <sup>2</sup>	<i>Cacatua sanguinea</i>	16-19cm 10cm <sup>8</sup>	1.5-11m	25x25cm <sup>8</sup>	50-200cm	
Long Billed Corella <sup>2</sup>	<i>Cacatua tenuirostris</i>	11-45cm	1.5-25m	18-30cm	26-170cm	
Musk Lorikeet <sup>2</sup>	<i>Glossopsitta concinna</i>	~4cm	3-8m	27cm	~50cm	
Owlet Nightjar <sup>2</sup>	<i>Aegotheles cristatus</i>	6.5-25cm	.2-30m	15 x 15cm <sup>8</sup>	20-350cm 30cm <sup>8</sup>	
Pacific Black Duck <sup>2</sup>	<i>Anas superciliosa</i>	12cm <sup>4</sup>	1.5-3m	35cm	45cm	35cm
Purple Crowned Lorikeet <sup>2</sup>	<i>Glossopsitta porphyrocephala</i>		1.5 - 12.2m but up to 40m		Up to 610cm	
Rainbow Lorikeet <sup>2</sup>	<i>Trichoglossus chlorolepidotus</i>	6.5cm <sup>8</sup>	3m & up	20-22cm 15x15cm <sup>8</sup>	20-60cm 40cm <sup>8</sup>	55cm <sup>4</sup>
Red Rump Parrot <sup>2</sup>	<i>Psephotus haematonotus</i>		.5-20m		0-130cm	
Ringtail Possum <sup>4</sup>	<i>Pseudocheirus peregrinus</i>	7cm 8.5cm <sup>8</sup>	5m & up. 2-4m <sup>8</sup>	15cm 20x25cm <sup>8</sup>	15cm 30cm <sup>8</sup>	15cm
Striated Pardalote <sup>8</sup>	<i>Pardalotus striatus</i>	40mm	3-6m	10 x 20cm	10cm	
Sulphur Crested Cockatoo <sup>2</sup>	<i>Cacatua galerita</i>	18cm <sup>4</sup> -22cm <sup>2</sup>	5m & up	30-36cm	20-180cm 60cm?	
Tree Martins <sup>5</sup>	<i>Cecropis nigricans</i>					

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White Throated Tree Creeper <sup>5</sup>	<i>Climacteris leucophaea</i>				Up to .5m	
Wood Duck <sup>8</sup>	<i>Chenonetta jubata</i>	15cm	3-10m	25 x 30cm	10cm	
Yellow Tailed Black Cockatoo <sup>2</sup>	<i>Calyptrorhynchus funereus</i>	~46cm 20cm <sup>8</sup>	.5m & up. Often 4-12m	30-40cm	60-240cm 120cm <sup>8</sup>	
Chocolate Wattled Bat <sup>6</sup>	<i>Chalinolobus morio</i>	12-15mm (30mm hole. 20mm slot) <sup>8</sup>	3-5m <sup>8</sup>		40cm <sup>8</sup>	
Gould's Wattled Bat <sup>6</sup>	<i>Chalinolobus gouldii</i>	12-15mm (30mm hole. 20mm slot) <sup>8</sup>	3-5m <sup>8</sup>		40cm <sup>8</sup>	
Large Forest Bat <sup>6</sup>	<i>Vespadelus darlingtoni</i>	12-15mm (30mm hole. 20mm slot) <sup>8</sup>	3-5m <sup>8</sup>		40cm <sup>8</sup>	
Lesser Long-eared Bat <sup>6</sup>	<i>Nyctophilus geoffroyi</i>	12-15mm (30mm hole. 20mm slot) <sup>8</sup>	3-5m <sup>8</sup>		40cm <sup>8</sup>	
Little Forest Bat <sup>6</sup>	<i>Vespadelus vulturnus</i>	12-15mm (30mm hole. 20mm slot) <sup>8</sup>	3-5m <sup>8</sup>		40cm <sup>8</sup>	
Southern Forest Bat <sup>6</sup>	<i>Vespadelus regulus</i>	12-15mm (30mm hole. 20mm slot) <sup>8</sup>	3-5m <sup>8</sup>		40cm <sup>8</sup>	
Southern Freetail Bat <sup>6</sup>	<i>Mormopterus sp.</i>	12-15mm (30mm hole. 20mm slot) <sup>8</sup>	15m +		40cm <sup>8</sup>	
Inland Broad-nosed Bat <sup>6</sup>	<i>Scotorepens balstoni</i>	16-20mm (30mm hole. 20mm slot) <sup>8</sup>	3-5m <sup>8</sup>		40cm <sup>8</sup>	
White-striped Freetail Bat <sup>6</sup>	<i>Tadarida australis</i>	15-25mm (30mm hole. 20mm slot) <sup>8</sup>	3-5m <sup>8</sup>		40cm <sup>8</sup>	
Yellow Bellied Sheath-tailed Bat <sup>6</sup>	<i>Saccolaimus flaviventris</i>	25-35mm	15m +		40cm <sup>8</sup>	
<b>FRINGE DWELLERS, VISITING ITINERANTS, &amp; POSSIBLE LOCAL EXTINCTIONS</b>						
Australian Ringneck <sup>2</sup>	<i>Barnadius zonarius</i>	5-21cm, 7-7.5cm <sup>9</sup>	.3-16m	10-32cm	30-400cm	
Barn Owl <sup>2</sup>	<i>Tyto alba</i>	10 x 30cm rectangular <sup>4</sup> . 10cm <sup>8</sup>	0-20m	20-25cm <sup>2</sup> 40cm <sup>4</sup> 25-30cm <sup>8</sup>	Often .6-2m, but up to 10m. .5m <sup>8</sup>	
Blue Bonnet <sup>2</sup>	<i>Northiella haemotogaster</i>	~10cm	.6-5m		15-100cm	
Brown Tree Creeper <sup>4</sup>	<i>Climacteris picumnus</i>	6cm	1-3m and occ. as high as 15m <sup>5</sup>	15x15cm	15cm 35cm <sup>8</sup>	15cm
Budgerigar <sup>2</sup>	<i>Melopsittacus undulatus</i>	3-10cm	.2-18m		26cm+	
Cockatiel <sup>2</sup>	<i>Nymphicus hollandicus</i>	12-30cm	.3-11m		30-150cm	

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Diamond Dove <sup>2,3</sup>	<i>Geopelia cuneata</i>	Spout				
Dollarbird <sup>2</sup>	<i>Eurystomus orientalis</i>	10cm + Est. <sup>7</sup>	6-35m	300+	300+	
Elegant Parrot <sup>5</sup>	<i>Neophema elegans</i>					
Little Lorikeet <sup>2</sup> (locally extinct?)	<i>Glossopsitta pusilla</i>	2.9-3.2cm	6-18m		18-50cm	
Mulga Parrot <sup>2</sup>	<i>Psephotus varius</i>		.6-24m		20-183cm	
Orange Bellied Parrot <sup>2</sup>	<i>Neophema chrysogaster</i>	~6-18cm	4m & up		45-60cm	
Yellow Footed Antichinus <sup>8</sup>	<i>Antechinus flavipes</i>	30mm	2-4m	15 x 15cm	20cm	
Western Pygmy Possum <sup>8</sup>	<i>Cercartetus concinnus</i>	30mm	3-6m	15 x 15cm	30cm	

<sup>1</sup> Christopher Daniels & Catherine Tait. *Adelaide Nature of a City*. Published by Biocity.

<sup>2</sup> Philip Gibbons & David Lindenmayer. *Tree hollows and wildlife conservation in Australia*. CSIRO Publishing 2003.

<sup>3</sup> Neville W. Caley's, *What Bird is That*. Angus and Robertson Publishers. 1984.

<sup>4</sup> Phil and Patrick Kenyon. *Vtio paper. Pruning for habitat*.2010

<sup>5</sup> Readers Digest. *Complete book of Australian Birds*. 1979

<sup>6</sup> Rob de Souza-Daw, Latrobe Valley Field Naturalists Club Inc. *The Bat roost box kit*. 2003

[http://www.wgcm.vic.gov.au/images/stories/PDF/Programs/REGIONAL\\_PROGRAMS/BIODIVERSITY/the\\_bat\\_roost\\_box\\_kit.pdf](http://www.wgcm.vic.gov.au/images/stories/PDF/Programs/REGIONAL_PROGRAMS/BIODIVERSITY/the_bat_roost_box_kit.pdf)

<sup>7</sup> Estimate based on the dimensions of the bird (270-300mm length) in the absence of other information.

<sup>8</sup> Alan & Stacey Franks. *Nest boxes for wildlife - A practical guide*. Bloomings Books. 2006

<sup>9</sup> James Smith. Personal communication. FauNature. [www.faunature.com.au/](http://www.faunature.com.au/)