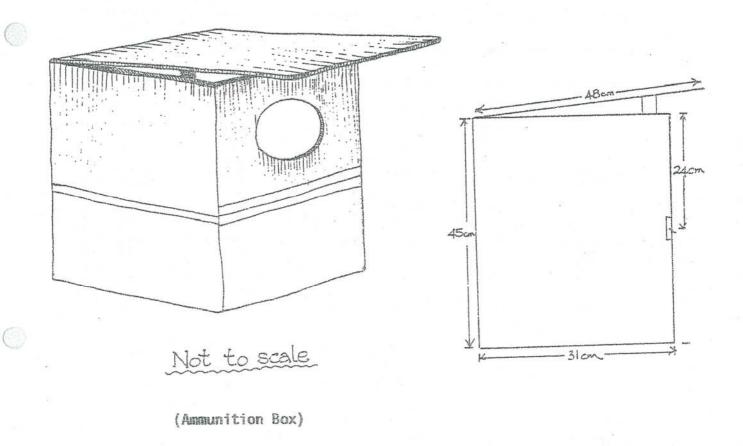
Perhaps the most economical method of making a nest box is by using existing boxes, e.g. ammunition boxes (available at Army Disposal Stores).

The design below has been used with some success*

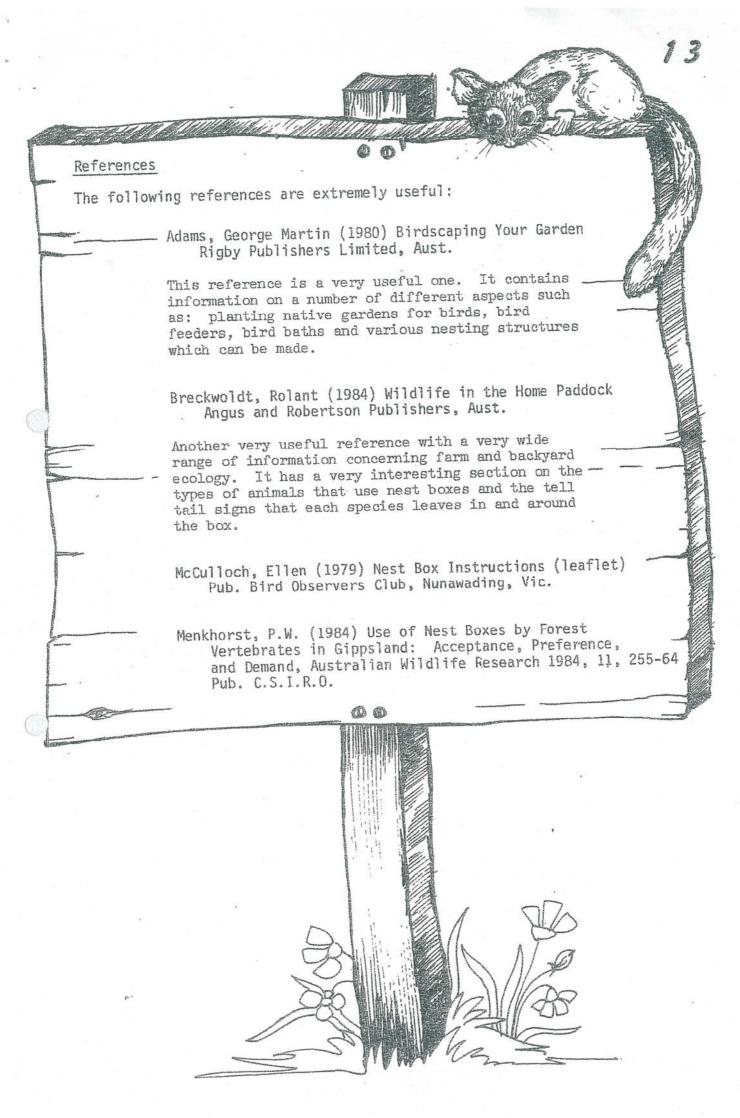


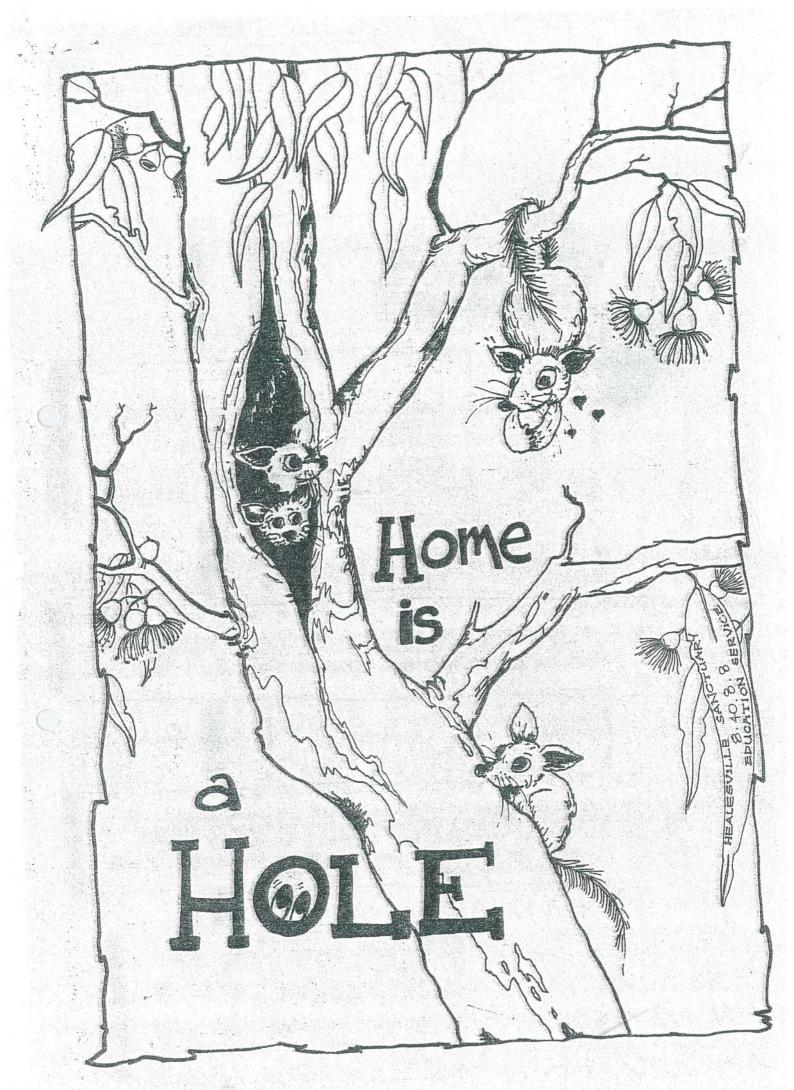
As with other nest box designs, the size of the entrance hole will have a large bearing on the animals that can live in the nest box.

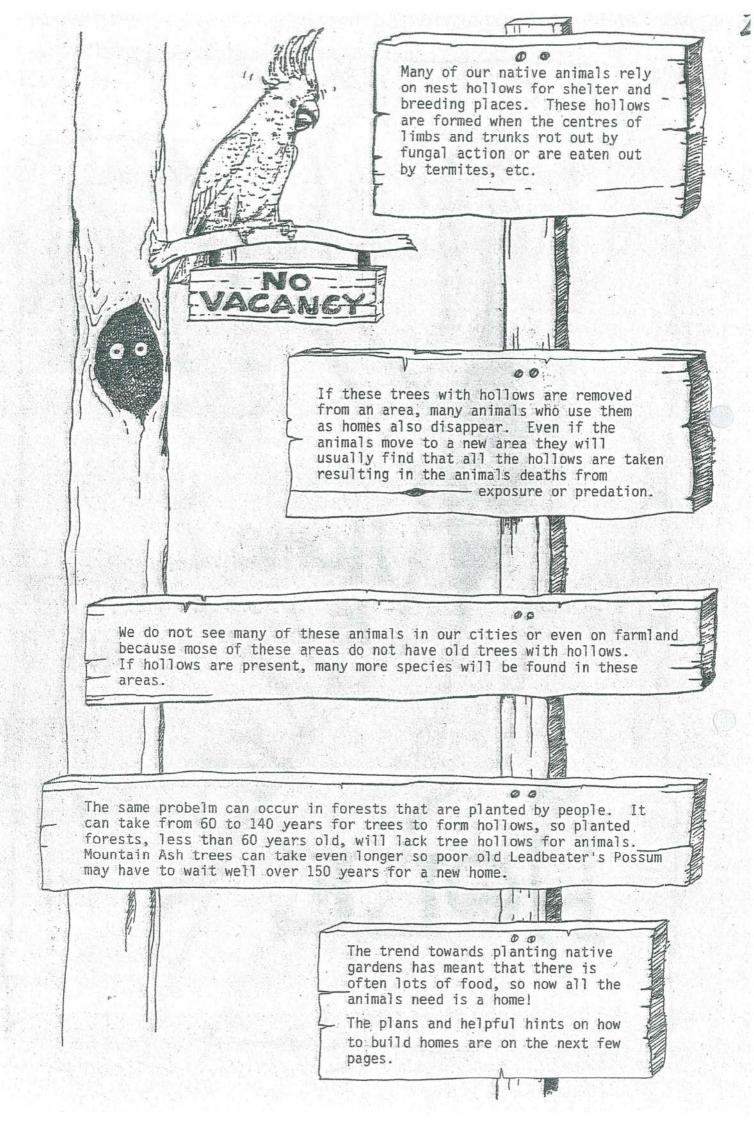
Method of attachment to trees is as stated previously.

*See Reference - Use of Nest Boxes by Forest Vertebrates in Gippsland: Acceptance, Preference and Demand.

SPECIES	Inside Diameter or square dimension	Entrance above floor	Diameter of entrance	Height above ground	Placement	Breeding Season
BIRDS (Adams 1980)					And the second s	
Eastern Rosella	135-150mm	350~800mm	75-100mm	5-6m	vertical or horizontal	August- January
Crimson Rosella	150-200mm	350-800mm	75-100mm	5-6m	vertical or horizontal	September- January
Galah	200mm	650mm	120mm	6m	vertical	August- November
Lorikeets	120mm	600mm	60mm	5m	horizontal	August- January
Red-rumped Parrot	100mm	600mm	75 mm	5m	horizontal or vertical	August- January
Kookaburra	300-500mm	level	130mm(min.)	5-10m	horizontal	September- January
Sacred Kingfisher	1.30mm	600-900mm	75mm	5-10m	horizontal	September- March
Chestnut Teal, Grey Teal (Waterfowl)	200~400mm	450~750mm	100-120 mm	1.5m	vertical	September- December (Chestnut Teal:) throughout the year (Grey Teal)
Pardalotes	120m	400-500mm	30-45m	5m	horizontal	July- January
Barn-owl	400mm	750mm	-	5m	horizontal	Autumn- Spring
Nankeen Kestrel	400mm	750mm	100mm	5m	vertical	August- November
Welcome Swallow	130mm		-	Зm	horizontal	August- December
White-throated Treecreeper	75-100mm	300-400mm	50-70mm	5m	vertical	August- January
Australian Owlet- Nightjar	100-150mm	300-350mm	60-80mm	5m	vertical	September- December
MAMMALS (Derived f	rom Menkhors	t 1984 and dat	ta from Heales	ville San	ctuary)	
Yellow-Bellied Glider	300mm	350mm	80mm	Bm or higher	vertical	August- April
Brown Antechinus + Pygmy Possums	3.40mm	65mm	50mm	1.5m	vertical	August- October
Bobuck	320mm	400 mm	120-150mm	4-8m	vertical	March- May
Brushtail Possum	320 mm	400mm	120-150mm	4-Bm	vertical	Autumn but may be anytime
Feathertail Glider	140mm	65mm	50-80mm	4-8m	vertical	August- February
Sugar Glider	250mm	300mm	SOmm	4-8m	vertical	June- December
Greater Glider	320mm	300-340mm	80-120mm	8m or higher	vertical	March August
Ringtail Possum	250mm	350mm	80mm	4-8m	vertical	April- November
Brush-tailed Phascogale	200 mm	270-300mm	50-80mm	4-8m	vertical	Winter.







Making a home (hole) for the little Aussie Battlers.

Materials:

Timber is best because it has good insulating properties - marine ply is excellent as it is waterproof and tough.

Metal heats up and cools down too quickly so that the inhabitants may die during extreme weather conditions. Chipboard does not stand up to being wet and so should not be used. Treated pine (the green coloured pine) is toxic and should not be used either.

Box sizes :-

The dimensions of the nest box will vary depending on which animals are to be attracted to using it (see table). Some designs are illustrated on the following pages.

Position of hole will also vary (see table).

Entrance holes-

The diameter of this varies depending on the animals you intend to house. Smaller holes will exclude larger animals (see Table).

Weather proofing:

It is important that the nest box should be properly sealed against the weather. All joins should be sealed and the box should be painted with weatherproof lacquer or weatherproof paint. Creosote has been used successfully. Do not paint the inside as paint is often toxic.

Decor:-

Most animals like a layer of termite bed or wood shavings on the bottom of the box. After all, it's what they are likely to find in a natural tree hollow.

PLACEMENT OF NEST BOXES

There are a number of points to be taken into account here:

- * Different animals prefer boxes at different heights (see table).
- * Nest boxes should also be placed where people and predators, such as cats and rats, cannot get to them. Tin guards around tree trunks may be used to keep predators at bay. Unfortunately, this also excludes the non-flying animals from using the box as they cannot climb the tree to use the box.
- * The box should be placed where it does not receive the full brunt of either the hot sun or prevailing winds.
- * Many animals prefer boxes that have overhead cover from trees and yet most prefer the box itself to be relatively clear of growth (so that predators can be seen).
- * Some birds prefer horizontal nest boxes (see table), e.g. kookaburras.

ATTACHING BOX TO TREE

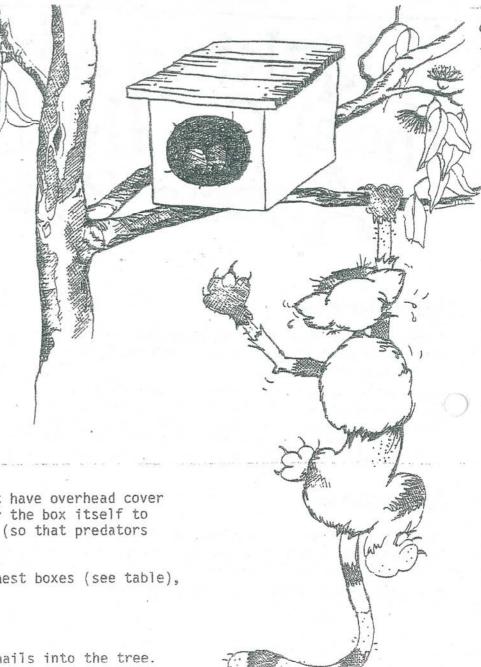
- * Where possible avoid putting nails into the tree.
- * Do not use wire on its own as it may ringbark the tree.
- * Place a strong piece of wire through an old garden hose and suspend from a fork in the tree so that the box rests against the trunk. This will leave some slack so that the tree can grow without being ringbarked.

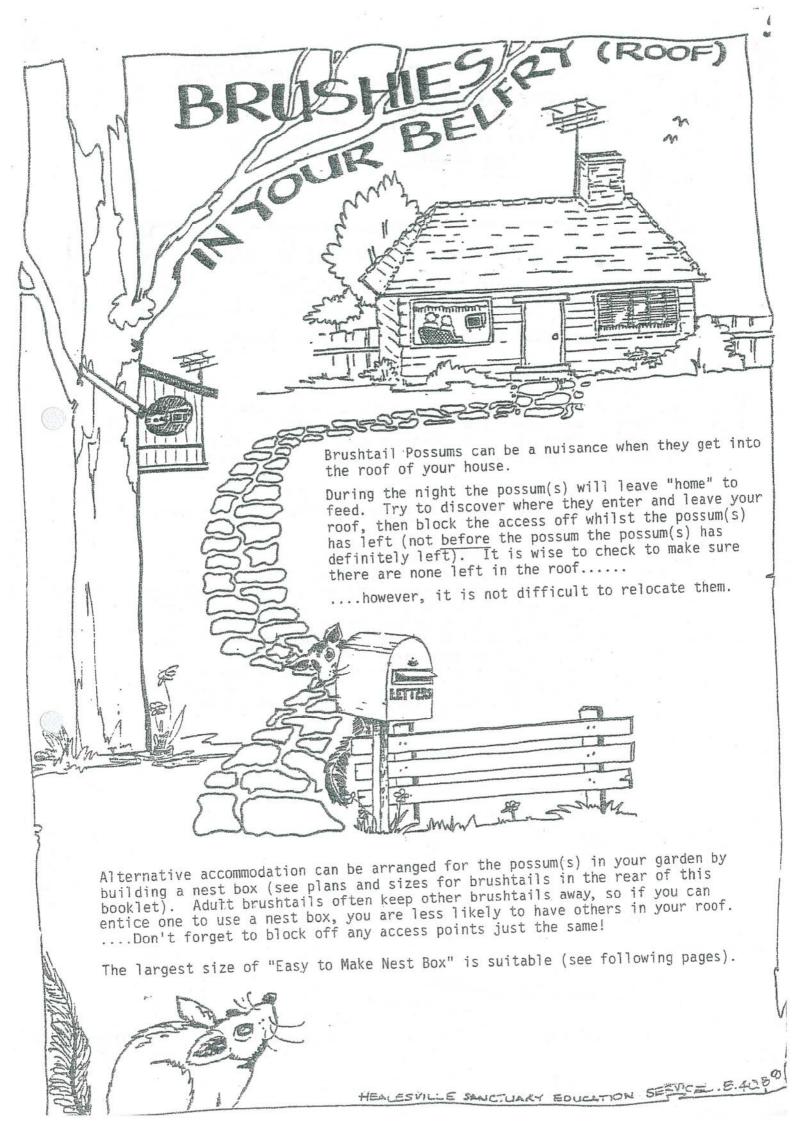
SOME BASIC RULES

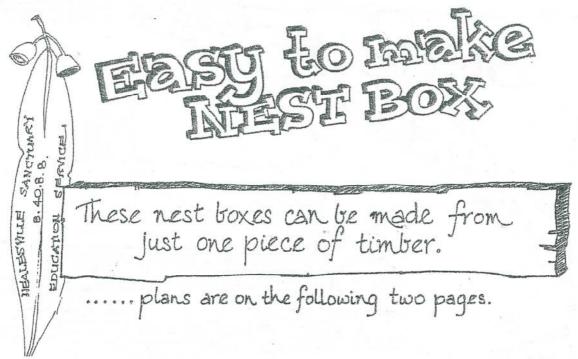
- * Internal inspection of boxes should be discouraged once native animals take up residence. This will help the animals to settle in and increase chance of breeding.
- * If the nest box is used and later vacated by an animal (breeding season may have finished) the box should be cleaned out.

UNWANTED VISITORS

* Starlings, sparrows and Indian Mynahs can dominate nest boxes. They can be discouraged by removing their nesting material. (Be persistent, you may need to do this several times.) As a last resort, remove their eggs, but be certain that you know the species is not a native one!





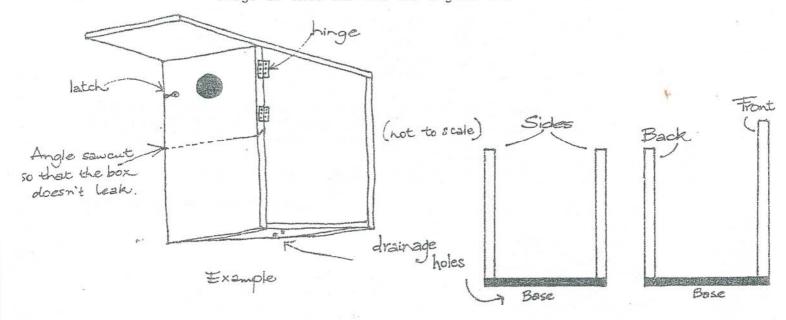


Timber can be bought in sizes from 900mm. lengths, ranging upwards in 300mm. increases. Rough sawn timber is best as animals can grip it. It can be bought at most timber yards. On the next two pages are plans for eight sizes of nest box (2 on each diagram). The animals that might use them are listed underneath.

- * Do no use treated-pine as this is toxic
- * Some glues may also be toxic and have offensive smells

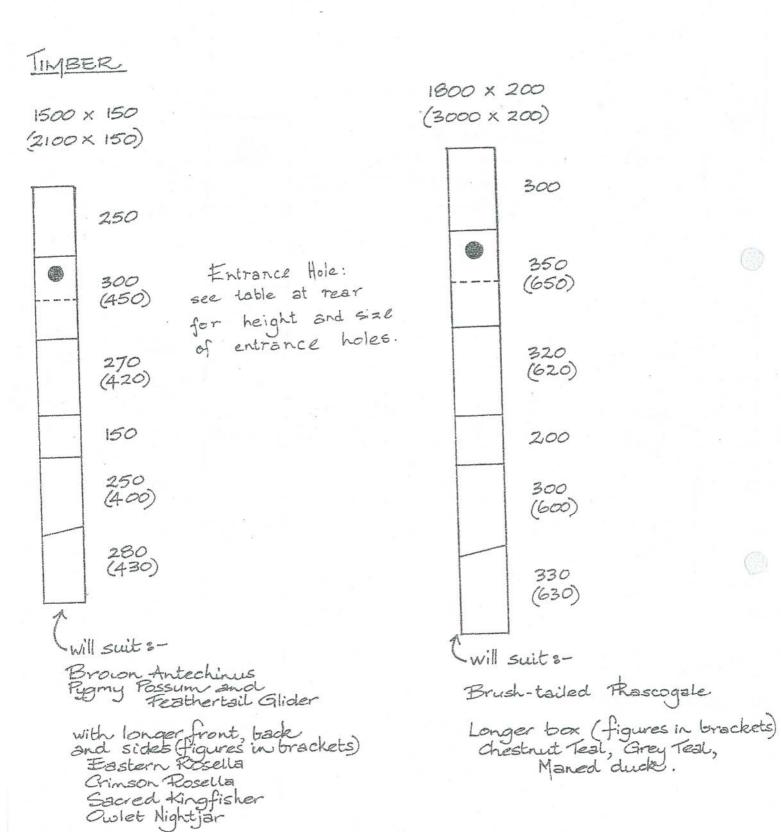
Construction Hints:

- * All seams should be sealed against leakage
- * The inside of the front panel needs to be rough enough for young animals to grip onto. Shallow saw cuts or horizontal slots will achieve this
- * Cut front panel in half using an angled saw cut. The angle will prevent leakage. The top section can then be hinged and latched to aid cleaning between nesting seasons and removal of feral species (see earlier note)
- * The sides of the box nest on the base whilst the base sits between the front and back.
- * You may need to rasp or plane the top edges at this stage so that the lid has a good fit.



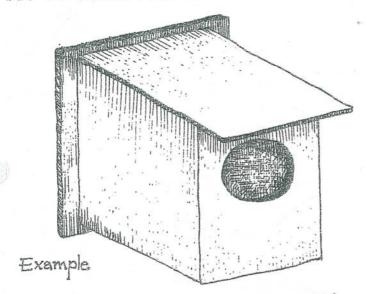
Adapted from the Bird Observers Publication "NEST BOX INSTRUCTIONS"

Figures in brackets will suit:-Brushtail Possum, Bobuck.

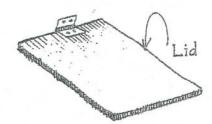


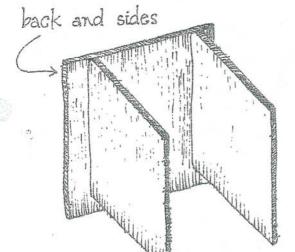
THE BOX

....which is not only good to live in, but is attractive too!

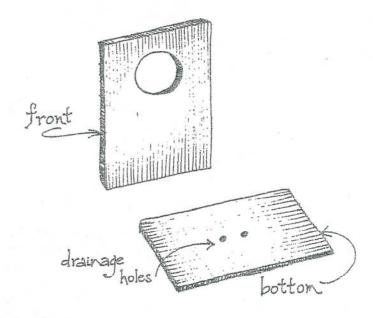


(Not to scale)

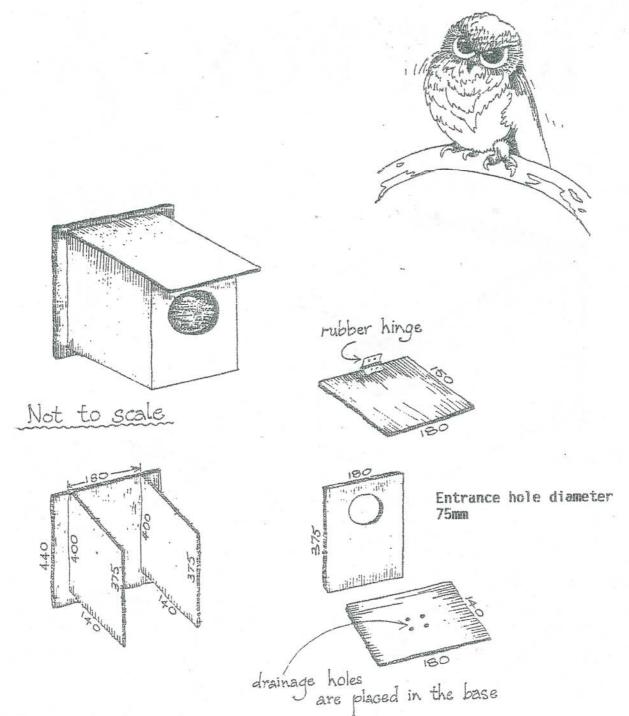




Dimensions will vary depending on the animals to be attracted. The next page has a suggested layout.







All measurements are in mm.

These are dimensions to suit:-

Eastern Rosella Crimson Rosella Pardalotes Welcome Swallow Owlet Nightjar Brown Antechinus Feathertail Glider

See table at rear for dimensions to suit other species.