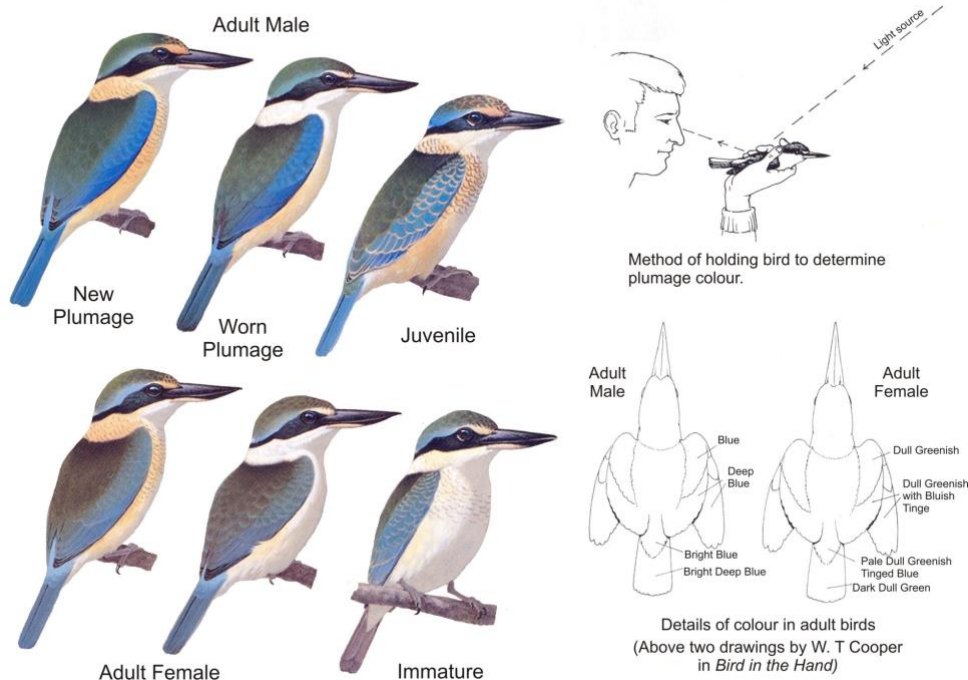


Sacred Kingfisher *Todiramphus sanctus* Species No.: 326 Band size: 05 AY



Morphometrics:

Four subspecies with two in Australia as follows:

nominate *T.s. sanctus*
(Australian mainland)

ssp. T.s. vagans
(Lord Howe & Norfolk Islands, NZ)

	Adult Male	Adult Female	Adult Male	Adult Female
Wing:	89 – 99 mm	90 – 100 mm	98 – 105 mm	96 – 104 mm
Tail:	53 – 65 mm	53 – 65 mm	61 – 69 mm	62 – 74 mm
THL:	66.7 – 72.4 mm	67.2 – 72.7 mm		
Bill:	37.1 – 50.6 mm	39.8 – 48.5 mm	42.6 – 48.2 mm	45.4 – 54.5 mm
Tarsus:	12.7 – 15.6 mm	12.7 – 15.6 mm	13.7 – 17.2 mm	10.4 – 16.5 mm
Weight:	28 – 50 g	30 – 55 mm	35 – 75 g	51 – 65 g

Ageing:

	Juvenile (J)	Imm. 1 st Winter (1)	Imm. 2 nd Summer (2) / Adult
Bill:	not fully grown, black with white tip & pinkish tinge to base of lower mandible;	post juvenile (from about 3 months) bill is the same as adults - mostly black with pinkish-white or off-white under surface to basal half of lower mandible;	black-brown or dark-brown;
Iris:	black;	black-brown or dark-brown;	black-brown or dark-brown;
Throat:	white with some dark tips;	pale buff – becoming white, some dark tips;	white;
Breast:	whitish or buff with distinct dark tips;	usually deep buff with dark tips to feathers;	white or pale buff, some have slight black tips;

Adult plumage is attained during the second Summer, coinciding with the adult post-breeding moult, thus adults are aged (2+);

Adults with new plumage (Autumn/Winter) have a pale buff throat becoming white with wear and the breast is initially deep buff fading to whitish-buff.

Sexing :

The sexes of all ages differ by plumage colour when viewed by refracted light (see drawings above); The plumage of males' wings, rump and tail are bright and predominately blue, whereas females are mainly green when viewed as shown in the drawing above; Both sexes incubate.