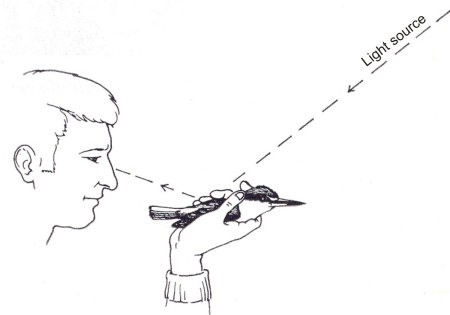
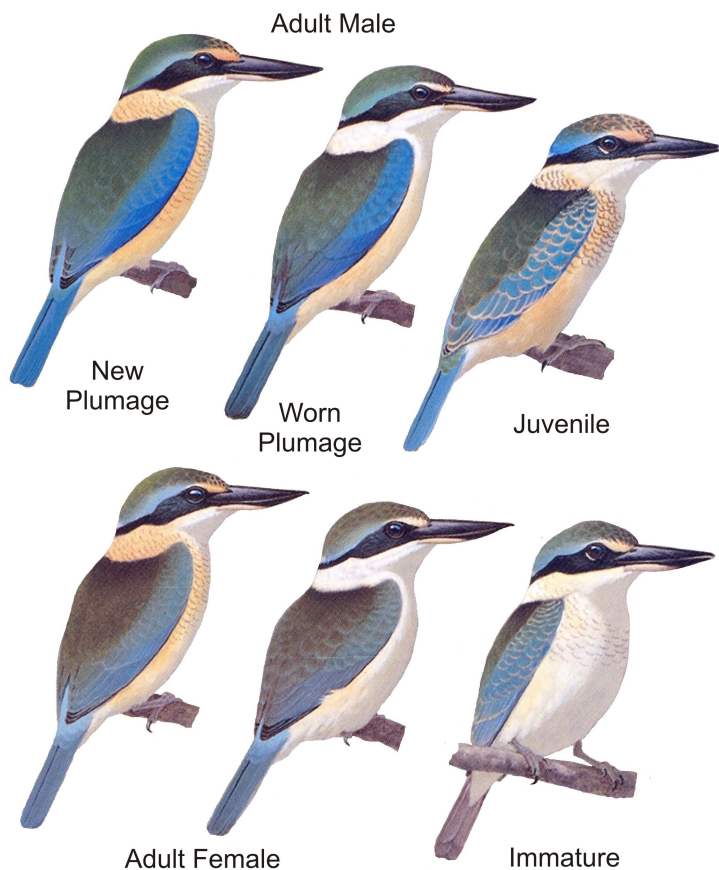
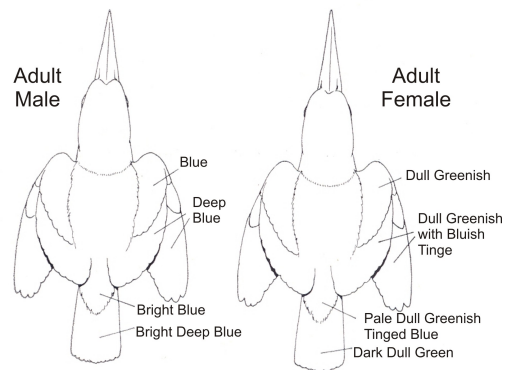


Sacred Kingfisher *Todiramphus sanctus* Species No.: 326 Band size: 05



Method of holding bird to determine plumage colour.



Details of colour in adult birds
(Above two drawings by W. T Cooper in *Bird in the Hand*)

Morphometrics:

	Adult Male	Adult Female
Wing:	89 – 99 mm	90 – 100 mm
Tail:	53 – 65 mm	53 – 65 mm
Weight:	28 – 50 g	30 – 55 mm

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.