

Morphometrics:

Three subspecies in Australia – *C.q. spaldingi* in WA and NT; *C.q. jardini* on Cape York south to Cooktown; and *C.q. rufescens* coastal Qld Daintree area to Burdekin River. The measurements below are for *C.q. spaldingi*. The other subspecies are slightly smaller.

Wing: Tail: Weight: Adult Male 187 – 210 mm 139 – 161 mm 180 – 220 g Adult Female 182 – 190 mm 136 – 155 mm 160 – 210 g

Ageing:

-	Adult (3+)	Juvenile
Bill:	largely pale blue or bluish-white on basal	dull bluing-grey bill with diffuse greyish-black
	half and black on distal half;	tip;
Basic	glossy blue-black plumage;	all subspecies have dull blackish-brown
pluma	ige	plumage, but also a rufous morph occurs in
		ssp. <i>r ufescens</i> only;

Juveniles moult to first immature plumage within a few months of fledging.

In ssp. *rufescens* juveniles may be either rufous or dull "black" and moult to immature plumage in the same morph colour, but both morphs commence moult to blackish adult-like plumage from approximately 1 year of age, coinciding with adult post-breeding moult.

Fist year immatures retain all or some juvenile feathers;

Immatures in adult-like "black" plumage are more blackish-brown rather than the glossy blue-black of adults and should be aged (2);

Confirmation needed, but immatures probably moult to full glossy adult plumage at the moult commencing at the end of their second year, thus adults should be aged (3+).

Sexing :

No difference in plumage, but males average larger than females; Suspected that both sexes incubate, but confirmation needed.