



Morphometrics:

	Adult Male	Adult Female
Wing:	105 – 112 mm	116 – 120 mm
8 th primary:	74 – 77 mm	77 – 83 mm
Tail:	41 – 46 mm	43 – 47 mm
Bill:	12.7 – 14.9 mm	14.5 – 16.2 mm
Bill depth*:	5.3 – 7.0 mm	6.1 – 7.8 mm
Tarsus:	22.7 – 24.7 mm	24.5 – 27.6 mm
Weight:	50 – 87 g	80 – 119 g
*Bill Depth – measured at junction of culmen and feathering		

Ageing:

Most morphometric data and descriptions are from captive birds;

Post-juvenile moult commences soon after hatching and results in an adult-like, but slightly paler plumage;

At least some immature birds retain juvenile outer primaries;

In captivity, both males and females can breed in this plumage when only 4-5 months old; Moult to full adult plumage commences at about 1year;

Because immature plumages are so similar to those of adults, in the field all birds should probably only be aged as (1+).

Sexing:

Females are considerably larger than males and plumage differences are very distinctive (see illustrations);

Incubation is by the male alone.