

Morphometrics:

Male Female THL: 26.0 - 29.0

Bill: 12.8 – 15.7 mm 13.0 – 15.6 mm

Wing: AM 55 - 68 mm IM 54 - 58 mm AF 52 - 59 mm AF 52 - 55 mm Tail: AM 35 - 40 mm IM 32 - 38 mm AF 30 - 37 mm IF 30 - 37 mm

Tarsus: 13.1 - 15.5 mm 13.1 - 15.1 mm Weight: 6 - 11 g 6 - 10 g

## Ageing & Sexing:

Sexually dimorphic on plumage and males are slightly larger than females; Immature males have a mottled appearance and rump is red brown.

Forehead:	Adult Male bright red;	Adult Female brown, sometimes with faint reddish tinge & some feathers may be bright red tipped;	Juvenile as for adult female;
Crown, nape & neck:	bright red;	brown or grey-brown;	as for adult female;
Ear coverts:	bright red;	light brown, some with faint pink-red tinge;	as for female;
Lores:	black;	brown;	brown;
Eye-ring:	black;	cream;	cream;
Chin & throat:	red;	off-white to light-brown with pink-red wash;	light brown;
Rump:	red;	warm brown;	light brown & brighter than adult female;
Upper wing:	black;	dark brown with light-brown fringes;	rich light-brown & broader fringes to coverts & tertials than adult female

Timing of moult to full adult plumage is not fully documented, but immatures are thought to acquire full adult plumage in first year coinciding with post-breeding moult of breeding adults; Fully plumaged adult birds in Spring and Summer will be aged (2+) otherwise all except juveniles should be aged (1+);

Incubation probably by female only.