

## Morphometrics:

|         | Adult Male     | Adult Female   |
|---------|----------------|----------------|
| Wing:   | 65 – 71 mm     | 61 – 66 mm     |
| Tail:   | 37 – 45 mm     | 36 – 45 mm     |
| THL:    | 17.1 – 19.5 mm | 15.7 – 19.0 mm |
| Bill:   | 14.0 – 17.5 mm | 13.5 – 16.6 mm |
| Tarsus: | 31.0 – 34.0 mm | 30.0 – 32.0mm  |
| Weight: | 9.5 – 11.0 g   | 8.5 – 12.0 g   |

## Ageing:

Moult to post juvenile plumage occurs soon after fledging and moult to adult plumage appears to occur in the first year, coinciding with adult post-breeding moult. Thus immatures are aged (1) and adults (1+);

## Sexing:

- Juveniles / Immatures are much more brown than adult females with less mottled throat & breast and eyebrow is much less distinct than female;
- First Immature males are only distinguishable from adult males while undergoing post-juvenile moult.

Adult male has black head, throat & breast; white belly & flanks; black back, wings & tail. Adult female back and wings basically brown; throat and breast mottled brown and white. Both male and female develop brood patches.