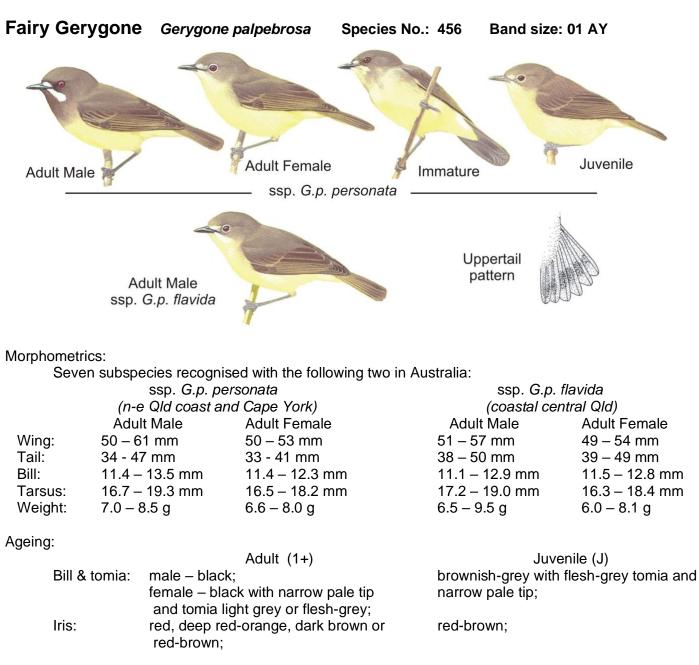
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Little information on moults, but juveniles probably moult to adult female-like immature plumage soon after fledging;

Immature male *personata* can be identified by patchy olive-grey on the throat;

- Some immatures may be identified by the presence of synchronous fault-bars and/or growth-bars in the wing and tail;
- It is probable that moult to full adult plumage commences at about 1 year old. However because of the difficulty in separating adults from immatures, with the exception of adult male *personata* which can be aged (2+), all others (except obvious juveniles) should be aged (1+);

Sexing:

Adult male and female differ in plumage and size, with differences pronounced in *personata*, but less obvious in *flavida* (see illustrations and measurements); Probably only female incubates, but lacking information.