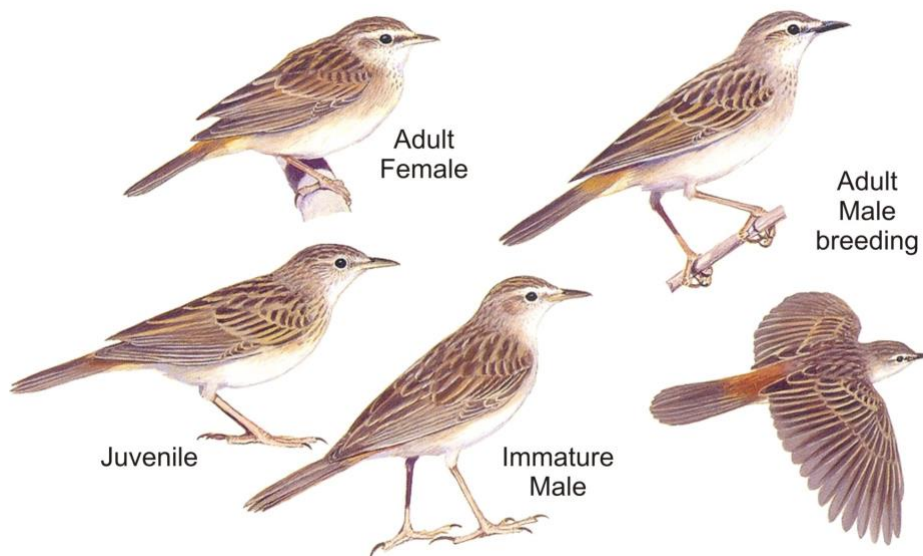


Rufous Songlark *Cinclorhamphus mathewsi* Species No.: 509 Band size: 04M 03F AY

NOTE: Birds must be sexed before being banded.



Morphometrics:

	Adult Male	Adult Female
Wing:	90 – 99 mm	74 – 80 mm
Tail:	76 – 88 mm	61 – 75 mm
THL:	37.3 – 40.7 mm	33.3 – 37.1 mm
Bill:	16.7 – 18.8 mm	14.3 – 17.8 mm
Tarsus:	25.2 – 29.3 mm	22.9 – 25.9 mm
Weight:	32.7 – 44.0 g	18.9 – 31.0 g

Ageing:

	Adult Male (3+)	Adult Female (3+)	Immature (2-)	Juvenile
Bill:	breeding - black; non-breeding – similar to female;	upper mandible pinkish brown with greyer base;	similar to adult female;	similar to adult female;
Gape:	as for bill;	greyish, yellowish-grey, pinkish-grey, pale yellow or white;	similar to adult female, but cream or brighter yellow;	yellow;
Tongue:	black;	pink with black markings;	yellow changing to adult colour before adult plumage moult;	orange-yellow with black markings;

Outer tail feathers of juveniles are narrow and pointed, whereas Adults are broad and rounded; Immatures retain all or most juvenile remiges, greater primary coverts and rectrices and varying number of juvenile greater and median coverts;

Retained juvenile feathers are contrastingly more worn and shorter than the replacing feathers and synchronous growth bars are usually visible in the tail;

Full adult plumage is first attained in a birds' third year, thus adults are aged (3+);

Immatures can be aged as either (1), (2) or (2-) depending on plumage condition and time of year

Sexing: NOTE: Birds must be sexed before being banded.

At all ages, sex can be determined by measurements, with males being significantly larger than females;

Males in breeding condition have a black bill and gape, but appear to change seasonally to adult female-like colours of brown, grey-brown, or dark flesh brown with a paler lower mandible;

Only the female develops a brood patch.