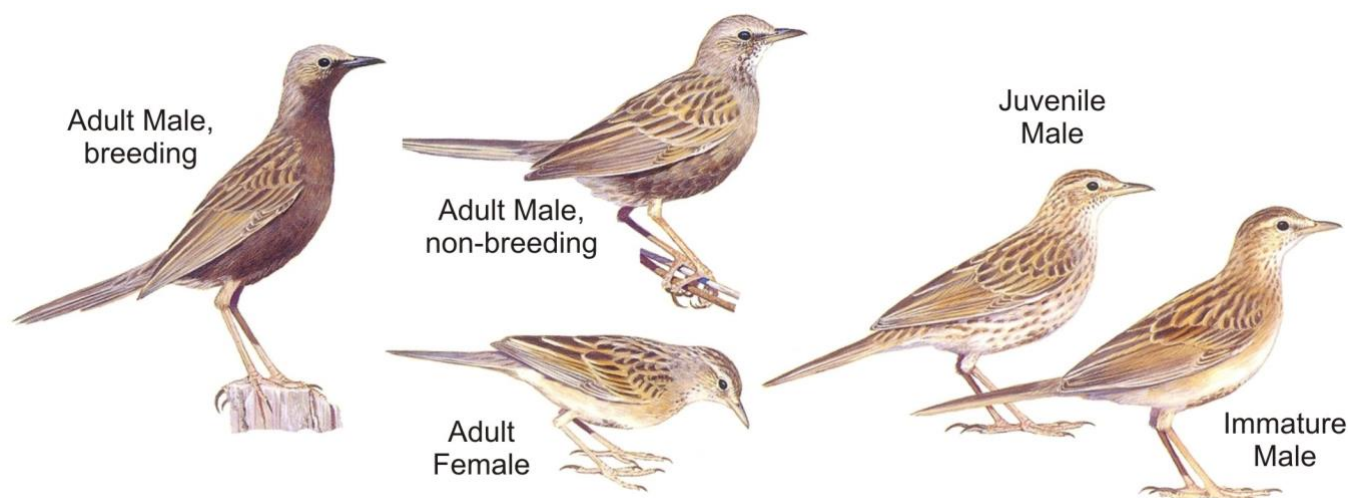


Brown Songlark *Cinclorhamphus cruralis* Species No.: 508 Band size: 05M 04F AY

NOTE: Birds must be sexed before banding



Morphometrics:

	Adult Male	Adult Female
Wing:	99 – 114 mm	80 – 85 mm
Tail:	89 – 117 mm	69 – 86 mm
THL:	44.0 – 48.7 mm	37.1 – 42.2 mm
Bill:	20.3 – 24.4 mm	16.7 – 19.2 mm
Tarsus:	36.4 – 42.0 mm	23.5 – 32.1 mm
Weight:	32.7 – 44.0 g	18.9 – 31.0 g

Ageing:

	Adult Male (2+)	Adult Female (2+)	Immature (2-)	Juvenile
Bill:	breeding – black; non-breeding – blackish with paler base to lower mandible;	pinkish brown with dark grey top edge, or fleshy-brown or dark grey with paler lower mandible;	initially dull olive-brown with paler lower mandible, to similar to adults of same sex;	horn;
Breast:	breeding - dark brown; non-breeding – light grey-brown;	buff – some with diffuse brown or dark-brown mottling or fine streaking;	similar to adult female;	cream with distinct dark brown spots or mottling
Belly & flanks:	same as breast;	cream with narrow, uneven dark brown patch on belly	similar to adult female;	similar to breast, but more diffuse;

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 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 banding;

At all ages, sex can be determined by measurements, with males being much larger than females;
Males in breeding condition have a black bill and gape, but change seasonally to adult female-like colours of brown, grey-brown, or dark flesh brown with a paler lower mandible;
Female alone incubates.