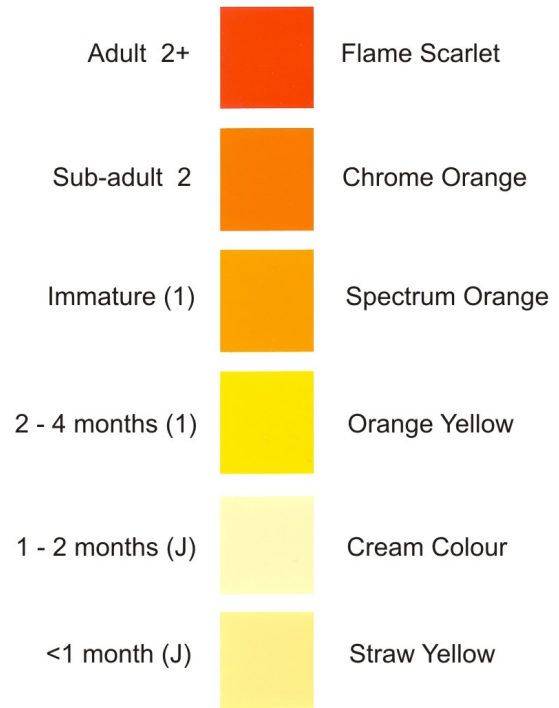
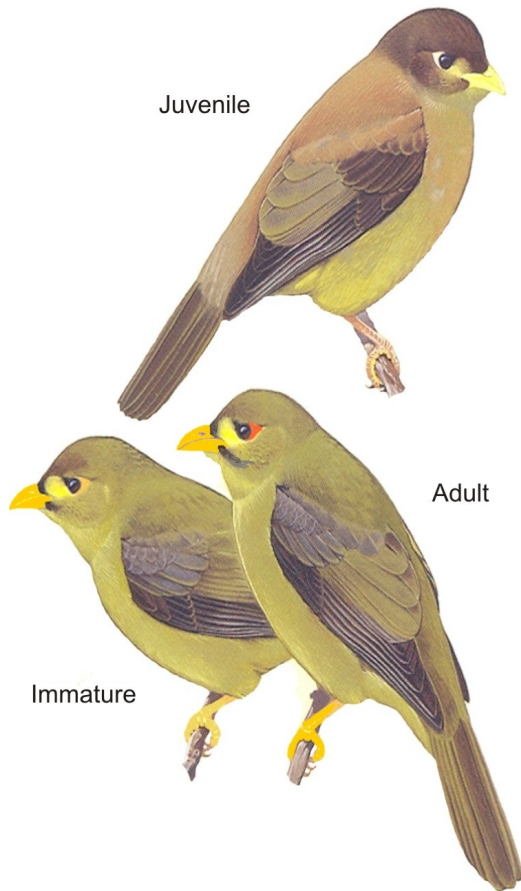


**Bell Miner** *Manorina melanophrys* Species No: 633 Band Size: 04



Colours and ages from:  
*Naturalist's Color Guide* , Frank B. Smithe 1975;  
*Methods for sexing and ageing the Bell Miner*  
*Manorina melanophrys*. M.F. Clarke &  
 C.F. Heathcote. Emu 88 (118-121)

**Morphometrics:**

	Male	Female
THL:	37.9 – 39.5 mm	36.9 – 38.3 mm
Wing:	Adult 94 – 102 mm Imm. 89 – 95 mm	Adult 86 – 97 mm Imm. 86 – 92 mm
Tail:	Adult 78 – 91 mm Imm. 69 – 91 mm	Adult 72 – 86 mm Imm. 76 – 84 mm
Weight:	28.0 – 36.5 g	26.0 – 31.0 g

**Ageing:**

Juvenile/Immature - bare skin behind eye is pale yellow to pale orange (see colour chart above);  
 Immature - Plumage duller and fluffier than adults;  
 Adult - bare skin behind eye deep orange. (see colour chart above);  
 Alula is pointed in adults, but has a rounded tip in juveniles and immatures;  
 Adult plumage and bare skin colours are attained early in the second year, coinciding with adult post-breeding moult; \. Thus adults are aged (2+).

**Sexing:**

Indistinguishable by plumage;  
 Small overlap in sizes, but some adults can be separated because males are generally slightly larger than females. Best indicator - Adult Wing Length: M > 97 F < 97;  
 Incubation by breeding female only – frequently fed at nest by mate and auxiliaries.