

Pneumaticization completes from 15 Oct through Jan. Look for windows (>2mm; Fig 11D) in some SY through spring.

Juv (May-Aug): Dusky mottling on the breast and less distinct barring on the flanks, vent, and undt cov. (Undt cov also loosely textured)

Sex: F = M by plumage. **CP/BP** (Apr-Aug). **Wg** F 46-47 **Overlap** 48-53 **M** 54-55 **TL** 38-48

	HY/SY (Aug-Jul)	AHY/ASY (Aug-Jul)
Gr covs	ML <u>usually</u> occur. Inner covs fresher, darker brown, distinctly blackish-barré, and often white-tipped. Outer covs worn and brown with indistinct, dusky bars, lacking white tips.	Uniformly adult and dark brown with distinct, blackish bars, often tipped white
Outer pp covs	Narrow, tapered, relatively abraded, and brown with pale edges and few or no dusky marks	Broad, truncate, relatively fresh, and brownish rufous with indistinct dusky marks
Terts and s4-s6	1-3 terts (occasionally s6 as well) usually replaced, contrasting with the juv middle ss	Uniformly adult and dark brown with distinct, blackish bars
R1	<u>Occasionally</u> replaced and contrastingly fresh	Rects uniform

Notes:

1. Some or many birds may also show an eccentric molt pattern.
2. Rect shape seems unhelpful for ageing despite retention of the juv tail.
3. Ageing in this species is difficult and many intermediates should not be reliably aged, especially in Mar-Jul.
4. ASY in Mar-Jul can be especially difficult to reliably age.