

Skull: Pneumaticization completes from 1 Nov. Some SY retain windows in rear through Jun.

CP/BP: Apr-Sep

Wg: F 81-82 F or M 83-95 M 96-99

	HY/SY	ASY/AHY
Crown	May have retained grayish feathers	<u>Usually</u> uniformly black
Iris	Grayish-brown to reddish-brown (through Dec-May)	Dark maroon
Mouth lining	Primarily whitish, pinkish, and/or pale gray mixed with black	Primarily black, paler at the base
Gr covs¹	Inner covs fresh, darker, pearly gray, untipped. Outer covs worn, brownish gray, with indistinct rusty tips when fresh	Uniform, pearly gray, without rusty tips
Outer Pp cov	Narrow, tapered, relatively abraded; brownish, with indistinct, relatively narrow, or no brownish-gray edging	Broad, truncate, relatively fresh; dusky, with distinct, relatively broad grayish edging
Terts	1 to 2 occasionally replaced (contrasting with remnant s4-s6)	No noticeable contrast between tert and ss
Rects	R1 occasionally replaced and contrastingly fresh; <u>outer rects</u> tapered, relatively abraded	Uniformly blackish, <u>outer rects</u> truncate, relatively fresh
UndTI covs²	Loose and fluffy, mottled with gray <u>or</u> uniformly rusty	<u>Usually</u> uniformly rusty

Notes:

1. PF molt may include 0 (~4%)-10 (~12%) gr cov. Thus, about 16% of HY/SY may have all juv or all formative gr cov.
2. UndTI cov (undertail coverts) not listed under HY/SY or AHY/ASY descriptions in Pyle. Pyle mentions that juv UndTI covs have been observed after the preformative molt.
3. Some intermediate individuals may not be reliably aged, especially in May-Jul; also, beware of abnormal AHY/ASYS with gray irises.