

**Appendix A: A table of scoring criteria for fat and muscle levels and images of low and high scores.**

Table A1. Scoring criteria for fat and muscle.

Score	Furcular Fat	Abdominal Fat	Muscle
0	No visible fat	No visible fat	No pectoralis
1	Fills <25% of furculum	Light under ribcage, none on abdomen	Keel very prominent, ribs detectable
2	Fills 26–50% of furculum	Heavy under ribcage, none abdomen	Keel very prominent, ribs not detectable
3	Fills 51–75% of furculum	Under ribcage, partially covering abdomen	Keel prominent
4	Fills 76–99% of furculum	Under ribcage, completely covering abdomen	Almost flush with keel
5	Flush with furculum	On abdomen even with ribcage	Flush with keel (cannot feel keel)
6	Convex (exceeding furculum)	Convex (exceeding the ribcage)	Convex (pectoralis exceeding keel)

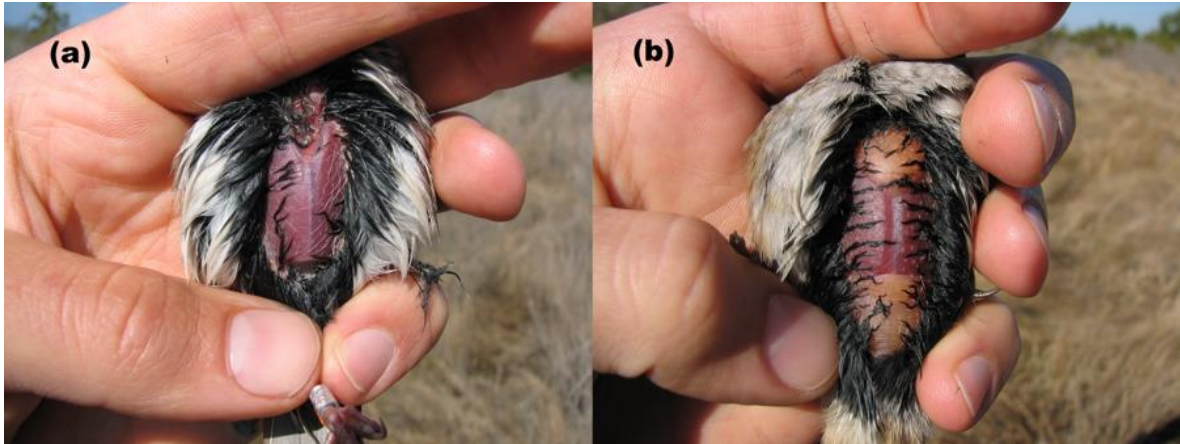


Fig. A1. Representative images of fat and muscle scores. Head is held between index and middle fingers. Ventral feathers are parted to show (a) a lean bird, where furcular fat=1, abdominal fat=1, and muscle=3, and (b) and a heavy bird, where furcular fat, abdominal fat, and muscle=6.