

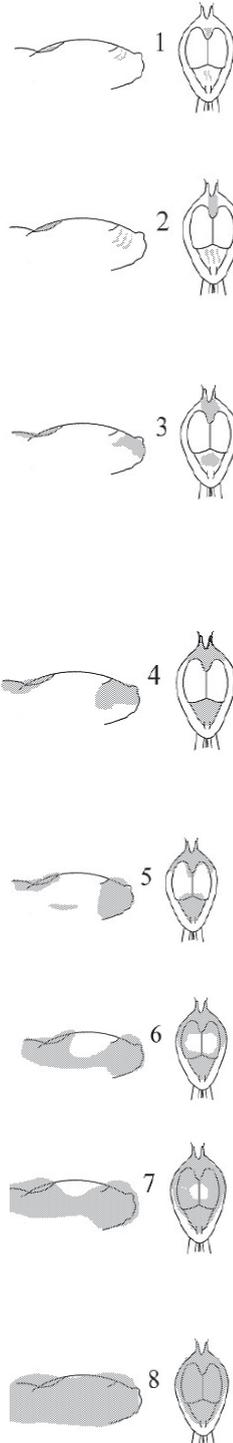


(a) ESF system

Score Description

- 0 no visible fat.
Dark red
- 1 F: wide wedge of fat.
A: trace of fat.
Light red
- 2 F: completely covered but
deeply concave.
A: slips of fat.
Light yellow
- 3 F: moderate fat reserves
cover ends of inter-clavicles
but concave.
A: flat or slightly bulging pad.
Light yellow
- 4 F: filled up to far end of clavicles.
A: covered by clearly bulging pad
of fat.
Yellow
- 5 F: convex bulge, perhaps
overlapping breast muscles.
A: extreme convex bulge.
Yellow
- 6 F and A: fat covering breast
muscles by several mm.
- 7 F and A: $\frac{3}{4}$ of breast muscles covered.
Yellow
- 8 F and A: breast muscles not visible.
Yellow

Fat Scores



(b) BWG System

Score Description

- 0 no visible fat.
Dark red
- 1 F: trace of fat. (~E0.5)
Light red/pink
- 2 F: base of tracheal pit obscured by
fat to about one third full. (~E1.0)
Yellow-pink
- 3 F: tracheal pit about two-thirds full.
Muscle within tracheal pit visible
between fat and clavicles. (E~1.5)
Yellow-pink
- 4 F: completely filled up to far end of
clavicles but still concave
(not bulging). (~E3.0)
Pale yellow
- 5 *As ESF*
- 6 *As ESF*
- 7 *As ESF*
- 8 *As ESF*

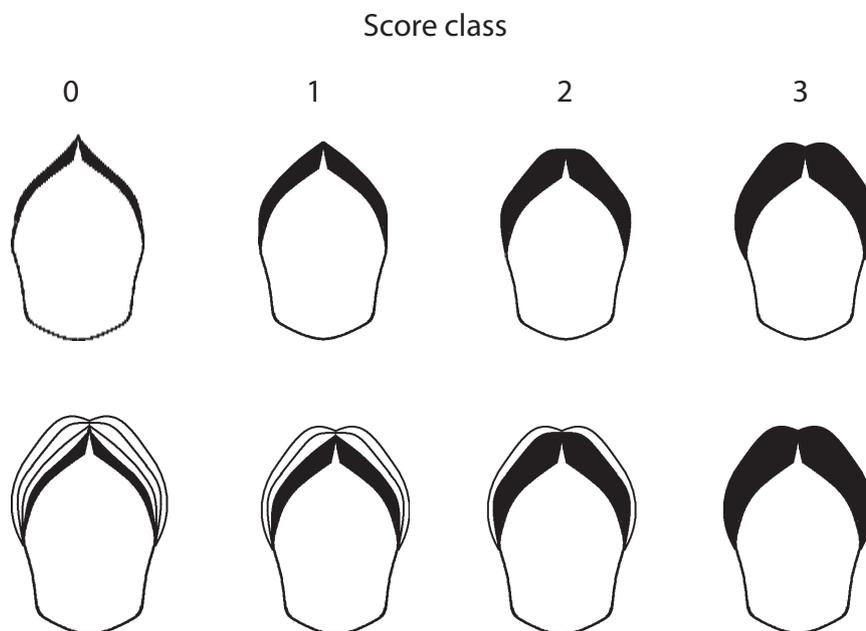
(F=Furcular region or tracheal pit; A=Abdomen)

Under the BWG scale, ESF scale equivalents are given (eg E0.5) eg a score of 3 on the BWG scale is equivalent to about 1.5 on the ESF scale.



Pectoral muscle score

Score Class	<i>Prominence of sternum</i>	<i>Pectoral muscle shape</i>
0	Sternum sharp	Muscle depressed
1	Sternum easy to distinguish but not sharp	Muscle neither depressed, sharp nor rounded
2	Sternum still distinguishable	Muscle slightly rounded
3	Sternum difficult to distinguish	Muscle rounded (full)



The black areas are the muscles.

The white areas on the bottom row show the differences between scores.

Pectoral muscle scores

After Bairlein (1995) redrawn, with permission from European-African Songbird Migration Network Manual of Field Methods.