**Rufous Hummingbird (*Selasphorus rufous*)- 5 Freeman Ave., Wellfleet, Barnstable County, MA 20 December 2012**

**Data:**

The hummingbird was captured in a Sargent trap and the following measurements were taken with bird in hand at 1240 on 20 December 2012. U S F&W band # 9000-51884 was placed on right tarsus.

Wing chord: 46.3 mm Tail length: 27 mm

Width rectrix #1: 9.5 mm Exposed culmen: 17.6 mm

Width rectrix #5: 4.2 mm Mass: 3.8 g

Emargination rectrix #2: unable to see (worn off)

Subcutaneous fat: No fat visible in furcular hollow, trace on abdomen for fat score of 1 (based on MAPS criteria).

Striations were visible on 50 % of the outer upper mandible. Rufous coloration visible on flanks; bronze-green upperparts; rufous on basal portion of uppertail coverts; whitish throat with dusky bronze spotting and ~ 10 iridescent orange-red feathers confined to center of throat; green to dusky rectrices with rufous on basal half of feathers and white tips to outer 3 tail feathers. Emargination indistinct on rectrix # 2, possibly worn off.

**Discussion:**

This bird was aged as HY due to striations visible on upper mandible and sexed as female due to long wing chord, long bill, long tail, and orange-red gorget feathers confined to the center of the throat.

Wing chord of 46.3 is too long for *S. s. sasin and S. s. sedentarius,* but fits females of *S. rufous* (Pyle Table 2 and text p.150, 1997)*.* Tail length of 27 mm is too long for both *S. s. sasin,* and *S. s. sedentarius.* Exposed culmen of 17.6 mm fits all three species. Width of both r1 and r5 fits immature female *S. rufous*, but too wide for *S. S. sasin and S. s. sedentarius* . The shape of r2 is similar to Fig. 3Cc left side (Stiles 1972) for immature female *S. rufous.*

**References:**

Pyle, P. 1997. Identification Guide to North American Birds. Part I. Slate Creek Press, Bolinas, CA.

Stiles, F. G. 1972. Age and Sex Determination in Rufous and Allen *(sic.)* Hummingbirds. Condor 74: 25-32.

Williamson, Sheri L.2001. Hummingbirds of North America. Houghton Mifflin Company. New York, New York.

Respectfully submitted,

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