**Rufous Hummingbird (*Selasphorus rufus*) Cohasset St, Suffolk County, MA**

**16 November 2014**

**Data:**

The hummingbird was captured in a Sargent trap and the following measurements were taken with bird in hand at 1130 on 16 November 2014. U S F&W band # 5100-65327 was placed on right tarsus.

Wing chord: 41.9 mm Tail length: 26 mm

Width rectrix #1: 8.0 mm Exposed culmen: 17.0 mm

Width rectrix #5: 3.2 mm Mass: 3.5 g

Emargination rectrix #2: emarginated both sides

Subcutaneous fat: Trace amount of visible fat in furcular hollow and abdomen for fat score of 1 (based on MAPS criteria).

Striations were visible on 80 % of the inner upper mandible. Rufous coloration visible on flanks; bronze-green upperparts with rufous tipping; uppertail coverts green and rufous, the basal 2/3 of r1 rufous with tip blackish-green, throat spotted greenish-bronze with gorget sporting ~ 4 orange-red feathers, centrally located; green to dusky rectrices with rufous on basal half of feathers and white tips to outer 3 tail feathers (partially broken off on r3 both sides). Emargination is visible on both sides of r2, being more pronounced on outer web.

**Discussion:**

This bird was aged as HY due to striations visible on upper mandible and sexed as male due to wing chord, bill length, and plumage characteristics.

Wing chord of 41.9 is too long for *S. s. sasin,* but fits immature males of *S. rufus* and *S. s. sedentarius* (Stiles Table 1, 1972)*.* Tail length is too long for *S s. sasin,* but fits both *S. rufus and S. s. sendentarius.* The exposed culmen fits all three*.* Width of r5 fits all three, but r5, is too wide for both *S. S. sasin* and *S. s. sendentarius*. The shape of r2 is similar to Fig. 3Bb left side (Stiles 1972) for immature male *S. rufus.* The pattern of r1 on this bird is similar to Fig. 2Bb (Stiles 1972). The wide outer tail feather and shape of r2 would rule out all but *S.rufus.*

**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.

Respectfully submitted,

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