

SUPPLEMENTARY ONLINE MATERIAL

McFadden, TN et al. (2019) Recommended band sizes and a novel technique for sexing immature Green-backed Firecrown hummingbirds (*Sephanoides sephaniodes*). *Ornitología Neotropical* 30: 179–184.

TABLE S1. Sex assignments for 12 immature Green-backed Firecrowns (*Sephanoides sephaniodes*) based on their bill length relative to body mass (bill:mass ratio, mm g⁻¹). Individuals were classified as male if their bill:mass ratio was less than the 99% CI of bill:mass ratios measured in females (3.09), or female if bill:mass ratio was greater than the 99% CI of bill:mass ratios measured in males (3.36).

Band number	Bill-mass ratio	Assigned sex
A01673	3.55	Female
A01650	3.54	Female
A01652	3.68	Female
A01656	4.06	Female
A01664	3.09	Male
A01699	3.71	Female
A01564	2.96	Male
A01501	2.62	Male
A01579	2.62	Male
A01577	3.91	Female
A01571	3.74	Female
A01631	2.72	Male



FIGURE S1. Custom-made tool for forming hummingbird bands (manufactured by Lee Rogers, Hummingbird Monitoring Network).

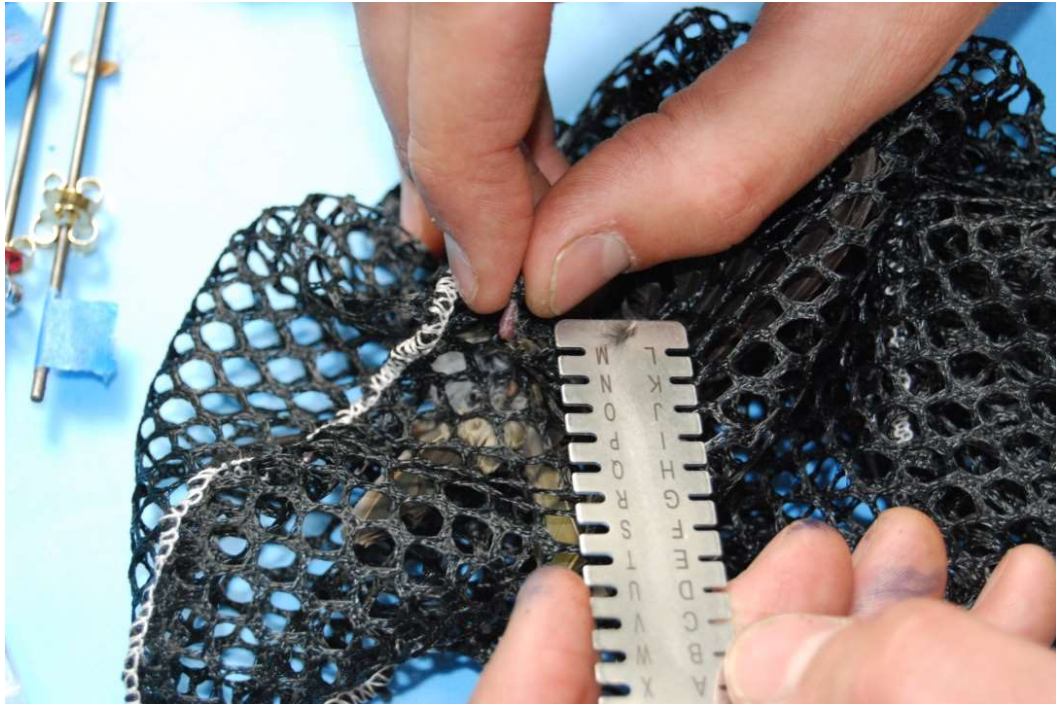


FIGURE S2. Using a custom-made tarsus gauge (manufactured by Lee Rogers, Hummingbird Monitoring Network) to measure the tarsus width of a Green-backed Firecrown (*Sephaniodes sephaniodes*).

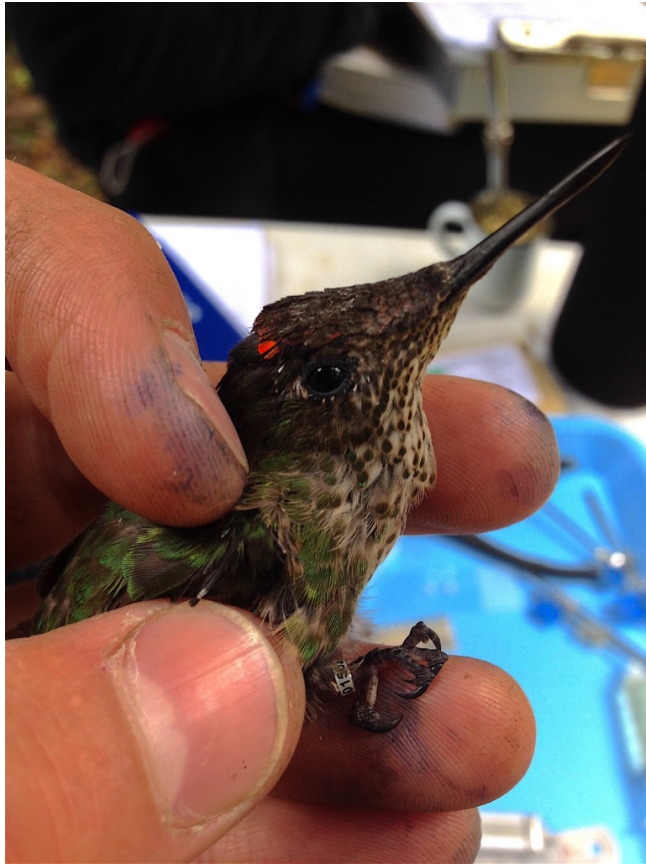


FIGURE S3. A recently banded male Green-backed Firecrown (*Sephanoides sephaniodes*) undergoing preformative molt.