















(Scott Weidensaul)

ANNA'S HUMMINGBIRD

Calypte anna

Banded 11/21/10
3450 Mountain Rd. M75
Shartlesville, PA (Berks Co.)
40 31' 51.74N, 076 16' 02.71W

Band number: L04401
Age: AHY (hatching year)
Sex: F

Submitted by:
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Wing chord: 50.19 mm
Tail: 29 mm
Exposed culmen: 18.36 mm
Percent grooving on maxilla: 0%
Iridescent gorget feathers: 10
Weight: 4.21 g
Fat: 1 (scale 0-5)
R5 width: 5.98 mm

First obs.: mid-October 2010
Last obs.: Dec. 7, 2010

Submitted PORC 12/14/10

Overview: The bird was first observed in early or mid-October at lot M75 in a mobile home park adjacent to Mountain Springs Campground by the resident, Renee Gery, who assumed it was a late rubythroat, although she noted that the hummingbird appeared larger and darker than usual. On Nov. 20, 2010, concerned that the weather was getting cold, she called Jack Holcomb's radio show, and he put her in touch with me. When I suggested it was likely a *Selasphorus*, and asked about noticeable rufous, she said there was none, and that the hummingbird was very gray.

The next day, Nov. 21, I went to Ms. Gery's house with my banding gear. The bird quickly appeared at the feeder, and from its size, lack of chestnut tones, heavily marked sides and face, and general shape (large head, thick neck, fairly short, straight bill, tail somewhat longer than wings) I immediately suspected an Anna's. Within 20 minutes I'd captured the bird in a cage trap at the feeder, and measurements and plumage characteristics confirmed that this was Pennsylvania's first-record Anna's hummingbird.



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Distinguishing the species: *Calypte* hummingbirds are distinguishable from other small North American hummingbirds by the combination of measurements, the presence of iridescent pinkish-red gorget feathers, fairly broad inner primaries, heavy green mottling on primarily gray underparts, a lack of buff on undertail coverts, and a lack of rufous on the rectrices (Pyle, *Identification Guide to North American Birds*. vol. 1,

1997, p. 141; Howell, *Hummingbirds of North America*, 2002, p. 119). As detailed below, this bird exhibited all these characteristics. Measurements were taken in accordance with Russell and Russell, *North American Bander's Manual for Banding Hummingbirds* (2001), North American Banding Council. Measurement ranges below are from Pyle 1997.

The bird was noticeably larger in the hand than an *Archilochus* or either of the expected *Selasphorus*, rufous or Allen's. It showed slate-gray underparts with heavy dark green mottling, and had a central gorget spot of iridescent pink-red feathers, both consistent with Anna's. It had a grayish loreal spot in front of the eyes, which the smaller Costa's lacks.

Age and sex: I examined the upper surface of the maxilla with a 20X loupe, and detected no bill striations, which are a juvenile characteristic through January in this species. This, combined with the presence of ~10 iridescent gorget feathers, indicated that the bird was an adult, and therefore a female, since an adult male would have a full gorget and iridescent crown feathers. The throat was also heavily marked in dusky green-gray, another characteristic of an adult vs. juvenile female.

Wing chord: The wing was measured with a digital micrometer (.00mm) from bend to tip of P10. The wing chord measurement of 50.19mm is well beyond the maximum for ruby-throated, black-chinned, rufous or Allen's (RTHU 47.3mm, BCHU 48.7, RUHU 46.6, ALHU 43.3), and is in the upper range for only broad-tailed hummingbird (52.1) which would exhibit extensive rufous on the rectrices. The other *Calypte*, Costa's hummingbird, has a maximum wing chord of 46.5, and has a tail which does not project past the folded wings, as this bird's did.



Tail: Tail was measured with a thin plastic millimeter rule, inserted to the base of the central rects and measured to the tip. Tail range in AHY-F ANHU is 24.9-29.3, so the measurement of 29.0 is consistent, and exceeds all other

small gorgeted hummingbirds except broad-tailed. The undertail coverts were heavily marked in gray

Exposed culmen: Culmen was measured with a digital micrometer (.00mm) on the dorsal surface of the maxilla, from the front edge of feathers to the tip of the bill. The culmen measurement of 18.36mm is consistent with Anna's, but not diagnostic.



(Scott Weidensaul)

Gorget feathers: Both male and female *Calypte* hummingbirds exhibit iridescent gorget feathers. The ~10 gorget feathers formed a central cluster, with dark greenish-gray markings forming neat lines down the middle of the throat. In direct sun, the iridescent feathers were pink-red, correct for Anna's.

R5: One R5 rectrix was pulled as a voucher specimen, which I have retained under BBL permit #22918. (Photo below.) It showed no rufous, eliminating any of the *Selasphorus* as well as calliope, which is also

eliminated by size. The width of the R5 was 5.98mm, which again exceeds the maximum width for any other small North American hummingbird species, but is in the range (5.0–6.3mm) for Anna's.

Molt: The hummingbird was in active flight feather molt, with P8–6 and P3–S6 replaced on both wings, and both P8 feathers about three-quarters grown. The primary tips were broad, a characteristic of *Calypte*. Rectrices were moderately worn, especially the white tips. It had bright, freshly replaced body plumage.

Anna's hummingbird in the East: There have been previous records of Anna's hummingbirds in the East, but the fall/early winter of 2010 has proven to be an especially active year for these vagrants. Other ANHU have been reported in recent months in Michigan (2), Arkansas, Iowa, Illinois, Indiana (in April), Ontario (one or two) and Quebec (A. Chartier, pers. comm.).

ADDITIONAL PHOTOS

Dorsal head (Scott Weidensaul)



Dorsum (Scott Weidensaul)



Underside (Scott Weidensaul)



1
Fanned tail (Scott Weidensaul)



R5 (Scott Weidensaul)



*Renee Gery releasing
the ANHU (Scott
Weidensaul)*



Anna's Hummingbird (*Calypte anna*)

Near Shartlesville, Berks County, PA / November 24, 2010

A female Anna's Hummingbird was reported to the Pennsylvania Birds Listserv by Scott Weidensaul who identified and banded the bird on November 21, 2010. It was visiting a feeder at a home in a trailer park next to a campground just over a mile off I-78 near the town of Shartlesville in Berks County.

Reports were regular the following week, so I took advantage of some vacation days during Thanksgiving week to go see it.

I only had to wait approximately 15 minutes for the bird to appear at the home where it fed at a feeder.

She perched in a tree for approximately a minute, then flew to another tree and perched for another minute. She then flew down to the feeder and fed while perched for approximately 3-5 minutes allowing good views through my Leica spotting scope. I was able to obtain several digiscoped photographs that are enclosed with this description.

DESCRIPTION

- Crown, nape and back green.
- Noticeable white spot behind the eye.
- Wings and tail blackish. The wingtips fell short of the tip of the tail.
- Breast and belly white. Flanks had a grayish/greenish wash.
- Bill straight, medium length (relatively) and black. Feet black.
- Throat white with some dark spotting in the center.

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Pennsylvania Ornithological Records Committee

Voting Tabulation – Round One

Species: Anna's Hummingbird Calypte anna

Date of Sighting: mid October 2010 to 13 March 2011

County : BERKS

Location : SHARTLESVILLE

Observer(s): Renee Gery, Scott Weidensaul, m.obs

Date of Submission: 2010/2011

Submitted by: Scott Weidensaul, Howard Eskin, Mike Fialkovich, Tom Johnson, Wayne Laubscher, Jeff Loomis , Geoff Malosh, Dustin Welch,

Written Description: No

Photo: Yes

Specimen: No

Recording: No

Member	Class I	Class II	Class III	Class IV-A	Class IV-B	Class IV-C	Class V	
D. DeReamus	X							
A. Guarente	X							
T. Johnson	X							
B. Coulter	X							
C. Rutt	X							
J. Heller	X							
G. Malosh	X							
TOTALS	7							
DECISION	X							

Comments:

7/0

Signature (Secretary)

Nick Pulcinella

Date:

8/20/11