



HMN Monitoring Summary

Session 18: 19 – 25 September, 2019

Regional Summaries

ARIZONA

Fort Huachuca had a very busy morning as migrants flooded in and 101 hummingbirds of 6 species were captured, and Harshaw Creek had a 100-bird day as well. Paradise also had a busy migration morning capturing 73 hummingbirds of 6 species, and they wrapped up the season with a Rivoli's female banded in 2015 and a juvenile male Rivoli's banded last session at the Southwestern Research Station. For their last session of the year, migration continued at the Station, but birds were decreasing in abundance and species richness.

UTAH

The season ended on a high note for the Utah team because a record number of birds was captured at Calf Creek, and Escalante wrapped up with 21 Black-chinned and 1 Rufous.



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TABLE 1. Summary of captured or visiting hummingbirds and trapping information for the monitoring session on September 19 – 25, 2019. An asterisk (*) indicates a returning bird was previously banded under a different BBL master permit.

Location	Hummingbird Data					Trap Data			
	Number of Species Captured	Number of Species Observed Not Captured	Total Individuals Captured	Number of Individuals Captured >1	Number of Returning Individuals	Trap Total	Number of Trap Checkers	Number of Trap Counts	Total Minutes in Trap Counts
Arizona									
HC	4	0	100	0	3	2754	0	16	4:11
FH	6	1	101	8	8	2507	26	15	4:27
PA	6	2	73	13	3	151	201	4	1:10
SWRS	8	0	82	24	8	503	15	5	1:38
Utah									
CFCK	3	0	11	3	0	6	6	0	0:00
ESC	2	0	22	8	0	7	9	0	0:00

TABLE 2. Number of individuals of each species captured on September 19 – 25, 2019. An asterisk (*) indicates a species observed but not captured.

Location	UN	AL	AN	BB	BC	BE	BL	BT	CA	CO	LU	RI	RT	RU	VC	WE	Total
Arizona																	
FH			69	2	21		1					1		7	*		101
HC			23	8	66									3			100
PA			7	*	43		*	13	2			6		2			73
SWRS			10		28		9	15	3			9		7	1		82
Utah																	
CFCK					8			1						2			11
ESC					21									1			22



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ARIZONA

Date: 9/21/2019

Location: HARSHAW CREEK, PATAGONIA MOUNTAINS

Banding Team: SUSAN WETHINGTON AND LEE ROGERS

Assistants: Gary Romig, Mario Fuzzell, and Serenity Fuzzell

Time: 6:30 – 11:30 AM

Number of Visitors: 2

Session Remarks: Migration continues! The trap count indicates the total number of hummingbirds are less but still super abundant. Most of the Black-chinned are juveniles; Broad-billed are fewer with only 6 individuals: 3 adult females and 3 juveniles; Anna's have increased with most being adult females and there's still a few Rufous juveniles around. It seems like it's been a great migration. In this session about 50% have significant fat (1 and above). So good to see!!!!

Date: 9/22/2019

Location: AMNH SOUTHWESTERN RESEARCH STATION, CHIRICAHUA MOUNTAINS

Banding Team: SUSAN WETHINGTON

Assistants: Elaine Moisan, Alyssa Sargent, Jen Schlauch, Dylan Winkler, Frank Insana, Isabel Devito, and Anda Fescenko

Time: 6:24 – 11:24 AM

Number of Visitors: 23

Session Remarks: Migration continues but is clearly waning. The abundance based upon trap counts is about 1/3 of what it was last session. Species richness has dropped from 12 species to 8. It is still a fascinating day. About ¾ of all hummingbirds captured are juveniles except Anna's. The Violet-crowned which was banded 2 sessions ago is still around. And 1/3 of the captured individuals have significant fat (1 and above). It's our last session for the season. It's been a great year and we appreciate the support of SWRS staff, interns, and volunteers. Thank you!

Date: 9/22/2019

Location: THE GEORGE WALKER HOUSE, PARADISE, CHIRICAHUA MOUNTAINS

Banding Team: LEE ROGERS

Assistants: Winston & Jackie Lewis, Bud & Debb Johnson, Bob & Sondra Inman, Greta Burger, Marc Forbes, and Steve Forbes

Time: 6:07 – 11:07 AM

Number of Visitors: 5

Session Remarks: Migration is still going strong. 56 of 73 were juveniles. More Anna's than I remember seeing during any one session in the past. 22 birds had yellow pollen and 10 had white. 43 birds had measurable fat. The returning Rivoli's female was an adult when she was banded here in Paradise on 6/7/15. Juvenile male Rivoli's recapture was banded on 9/8/19 at the Southwest Research Station. And the juvenile female Black-chinned was banded 9/8/19 here in Paradise. It was a pleasure having an abundance of team members today. Thank you to all of you, and to Sondra, who prepared breakfast for us all. We had a wonderful full day to end the season.



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Session 18: 19 – 25 September, 2019

Date: 9/22/2019

Location: PUBLIC AFFAIRS OFFICE, FORT HUACHUCA

Banding Team: LAURA DAVIS

Assistants: Laura Clawson, Birdy Johnson, Carolyn Haldar, and Karen Gravely

Time: 6:03 – 11:03 AM

Number of Visitors: 10

Session Remarks: It was a crazy, busy migration morning! When the trap curtains dropped, there were often 8 hummingbirds in each trap. Trappers spent nearly 4.5 hours just counting hummingbirds, ending with a trap count of 2,507. We captured 101 hummingbirds, 6 species: Anna's (36 male and 33 female), Black-chinned (13 male and 8 female), Broad-billed (1 male and 1 female), Broad-tailed (1 male), Rivoli's (1 male) and Rufous (7 male). In addition, we observed Violet-crowned hummingbirds. Eight hummingbirds (8%) were recaptures originally banded at Fort Huachuca on previous dates (2015, 2018, and 2019 [no banding was conducted in 2016 or 2017]). Hatch-year hummingbirds accounted for 66% of the birds banded. Hatch-year count by species: Anna's (male 31, female 6), Black-chinned (male 13, female 7), Broad-billed (male 1), Broad-tailed (male 1), Rivoli's (male 1) and Rufous (male 7). Fat was observed on 64 hummingbirds (63%), and pollen was observed on 12 hummingbirds (11%). Many thanks to the Fort's Environmental and Natural Resources Division and the Public Affairs Office for supporting our program.

UTAH

Date: 9/29/2019

Location: CALF CREEK NATIONAL RECREATION AREA AND CAMPGROUND (BLM)

Banding Team: TERRY TOLBERT

Assistants: Frank Venuti and Hazer Manning

Time: 7:21 AM – 12:21 PM

Number of Visitors: 9

Session Remarks: Record number of individuals captured for this session.

Date: 9/28/2019

Location: ESCALANTE INTERAGENCY VISITOR CENTER

Banding Team: LISA YOUNG AND TERRY TOLBERT

Assistants: Linda Tramontano, Frank Venuti, and Hazer Manning

Time: 7:08 AM – 12:08 PM

Number of Visitors: 24

Session Remarks: Likely the last session of the year. All juveniles except one adult female BCHU.