



HMN Monitoring Summary

Session 17: 3 – 9 September 2020

Regional Summaries

ARIZONA

Migration numbers continued at Fort Huachuca. The team was busy the whole session, and their hard work resulted in 88 birds of 8 species captured, including three Calliope Hummingbirds. Harshaw Creek captured a similar number of birds—many pudgy with fat and mostly Black-chinned Hummingbirds. Montezuma Castle captured all 11 of their birds during the first three hours of the session, including a rare-for-the-site Broad-tailed Hummingbird. The overall number of birds in Paradise is decreasing as they migrate out of the area, but there were still 1,886 total visits from 8 species on observation morning.

COLORADO

The Mesa Verde team squeezed in one last session so that Curtis Tamm, a PhD student in media arts at USC, could come film the birds and record their sounds.

MONTANA

The MPG Ranch team was hoping for one more session at the floodplain site, but alas there was no activity at the feeders, so session 16 was the final session.

NEW MEXICO

The Bandelier team captured 4 species but only 17 birds for their last session this season, which included almost all juveniles but no recaptures from previous sessions.

UTAH

Migration continued at Escalante and Calf Creek. No adult males were captured at either site. Interestingly, none of the 72 birds captured at Escalante had pollen and only 2 of 36 did at Calf Creek. With a short session and only 3 birds, Wildcat wrapped up the 2020 season.



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TABLE 1. Summary of captured or visiting hummingbirds and trapping information for the monitoring sessions on September 3 – 9, 2020. 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									
FH	8	1	88	4	6	891	0	13	4:38
HC	4	1	82	1	5	7060	0	9	3:47
MOCA	3	0	11	0	0	36	35	0	0:00
PA	-	-	-	-	-	-	-	-	-
Colorado									
MV	1	0	3	2	0	3	0	0	0:00
New Mexico									
PCBNM	4	0	17	10	0	13	0	1	0:15
Utah									
CFCK	4	0	36	0	29	64	48	1	0:07
ESC	4	0	72	0	18	193	88	3	0:40
WCAT	2	0	3	2	0	0	0	0	0:00

TABLE 2. Number of individuals of each species captured on September 3 – 9, 2020. 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			42	4	21			2	3		*	1		12	3		88
HC			13	9	47									13	*		82
MOCA					9			1						1			11
PA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Colorado																	
MV									3								3
New Mexico																	
PCBNM					5			5	2					5			17
Utah																	
CFCK					20			3	2					11			36
ESC					44			5	6					17			72
WCAT									1					2			3



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ARIZONA

Date: 9/5/2020

Location: HARSHAW CREEK, PATAGONIA MOUNTAINS

Banding Team: SUSAN WETHINGTON AND LEE ROGERS

Assistants: Mario Fuzzell, Matt Franz, Gabriela Samaniego, Emily Clark, and Birdy Johnson

Time: 6:10 – 11:10 AM

Number of Visitors: 1

Session Remarks: A lot of hummingbirds keep migrating! Feeders were crowded with birds; some of them even came close to feed from the banding table. Comparing with last session, today we had less species being Black-chinned the most abundant with 57% of all the captures; most of them were juvenile males. Around half of the captured birds had significant amount of fat, you could notice the difference of weight on your hand from one bird to another. It was a great banding morning!

Date: 9/6/2020

Location: PUBLIC AFFAIRS OFFICE, FORT HUACHUCA

Banding Team: LAURA DAVIS

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

Time: 5:57 – 10:57 AM

Number of Visitors: 0

Session Remarks: Our numbers today show we are still experiencing fall migration. Hummingbirds were at the traps all morning with multiple birds captured in single trap drops. Thank you to Carolyn Haldar for managing both very busy traps for most of the morning. Calliopes were captured for the third session in a row. Today's effort resulted in 88 hummingbirds from 8 species: 42 Anna's, 4 Broad-billed, 21 Black-chinned, 2 Broad-tailed, 3 Calliope, 1 Rivoli's, 12 Rufous, and 3 Violet-crowned. A pair of Lucifer hummingbirds eluded capture. Six hummingbirds (7%) were originally banded at Fort Huachuca on previous dates (2015, 2018, and 2020 [no banding was conducted in 2016 or 2017]). Females (50) outnumbered males (35) by a ratio of 10:7. The sex of the three Violet-crowned hummingbirds was indeterminate. Hatch-year hummingbirds accounted for 45% of the birds. During this session, fat was observed on 52 hummingbirds (59%), pollen was observed on 14 hummingbirds (16%), and none of the 50 female hummingbirds were gravid (0%). Many thanks to the Fort's Environmental and Natural Resources Division and the Public Affairs Office for supporting our program.

Date: 9/4/2020

Location: MONTEZUMA CASTLE NATIONAL MONUMENT

Banding Team: TINA GREENAWALT

Assistants: Jasmine Scott and Kate Hamedani

Time: 5:50 – 10:50 AM

Number of Visitors: 0

Session Remarks: We started off fairly busy and then slowed down quickly. We had no birds in the last 2 hours. Bee issues continue to be an issue later in the morning. Our last bird of the day was an adult male Broad-tailed, which was exciting as that's only the 2nd one we've captured at our site in 5 years. We also had a juvenile RUHU among the normal BCHU.



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Session 17: 3 – 9 September 2020

Date: 9/6/2020

Location: THE GEORGE WALKER HOUSE, PARADISE, CHIRICAHUA MOUNTAINS

Banding Team:

Assistants: Jackie Lewis and Winston Lewis

Time: 6:15 – 7:45 AM

Number of Visitors:

Session Remarks: Feeder watch. Tally of visits. As expected, numbers are reducing do to migration. We still had 1,886 total visits with 8 species. 45 visits from Rivoli's, 2 from a juvenile male Lucifer and 1,839 visits represented by adult male, adult female and juvenile Broad-billed, Black-chinned, Broad-tailed, Rufous and Anna's, and juvenile/female type Calliope. Yellow pollen was noted on upper mandibles.

COLORADO

Date: 9/9/2020

Location: MESA VERDE NATIONAL PARK

Banding Team: KAREN ORDEMANN

Assistants: Bill Ordemann

Time: 7:30 AM – 12:30 PM

Number of Visitors: Curtis Tamm (a PhD student in media arts at USC)

Session Remarks: This was a rainy, cold day but we had 3 Calliope juveniles that enjoyed the feeders. We caught one 6 times! We had one visitor that is a PHD media arts student and is interested in filming hummingbirds and recording their various sounds. This is definitely our last session at Mesa Verde!

NEW MEXICO

Date: 9/5/2020

Location: BANDELIER NATIONAL MONUMENT – PONDEROSA CAMPGROUND

Banding Team: LISA ROIG

Assistants: Joe Schmidt and Will Schmidt

Time: 7:07 AM – 12:07 PM

Number of Visitors: 0

Session Remarks: Only 17 birds were captured. Sixteen birds were juveniles and one was an adult rufous female. None of the birds were recaptures from previous sessions. Ten birds were recaptured multiple times during the session. Several birds had head and body molt. This was our last banding session of the season. Thank you, Joe and Will!



HMN Monitoring Summary

Session 17: 3 – 9 September 2020

UTAH

Date: 9/8/2020

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

Banding Team: TERRY TOLBERT AND LISA YOUNG

Assistants: Frank Venuti, Brita Granroth, and Maia Milligan

Time: 7:19 AM – 12:19 PM

Number of Visitors: 1

Session Remarks: No adult males captured during this session. Two of the 36 individuals captured had pollen.

Date: 9/3/2020

Location: ESCALANTE INTERAGENCY VISITOR CENTER

Banding Team: TERRY TOLBERT AND LISA YOUNG

Assistants: Frank Venuti, Brita Granroth, and Maia Milligan

Time: 7:01 AM – 12:01 PM

Number of Visitors: 3

Session Remarks: As a low pressure system brings wind in northern Utah, migration numbers are high. As expected, no adult males were captured during this late session. Six CAHU individuals were captured, two being adult females. No individuals previously banded were captured. Also of note is that no birds had pollen present.

Date: 9/9/2020

Location: WILDCAT GUARD STATION AND VISITOR CENTER (FOREST SERVICE)

Banding Team: TERRY TOLBERT AND LISA YOUNG

Assistants: Frank Venuti, Brita Granroth, and Maia Milligan

Time: 7:23 – 7:57 AM

Number of Visitors: 0

Session Remarks: Session only lasted only 34 minutes. Three individuals were being repeatedly captured and the session was ended due to low temperatures and birds refusing to feed by hand.