



HMN Monitoring Summary

Session 16: 22 – 28 August, 2019

Regional Summaries

ARIZONA

Fall migration was kicking off at Fort Huachuca with 70 hummingbirds and 7 species captured. Montezuma Castle had a pleasant morning with hummingbird visits spread throughout the morning. It was the last session at Mount Lemmon, which wrapped up with 65 birds, mostly Broad-tailed and mostly juveniles. Migration started at Harshaw Creek and Paradise, and their monitoring mornings were filled with migrating Black-chinned this session. In stark contrast, only 5 hummingbirds were captured at the Southwestern Research Station.

COLORADO

Things were winding down in Colorado, and both Dunton and Mesa Verde had fewer birds this session. Pingree Park still had quite a few birds though. It was the last session for all three of the sites.

MONTANA

The floodplain site was surprised to capture 10 hummingbirds this session, and they were mostly fat, healthy juveniles.

NEW MEXICO

Most of the hummingbirds captured at Bandelier, like many of the sites in the Network this session, were juveniles; and Broad-tailed, Black-chinned, Rufous, and Calliope were all banded.

UTAH

Migration was in full force at the Utah sites this session and most of the birds captured were juveniles. Wildcat had a slow morning and was disappointed to not have captured any Calliope, which was unusual during this time of year.



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TABLE 1. Summary of captured or visiting hummingbirds and trapping information for the monitoring session on August 22 – 28, 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	3	1	103	2	14	5189	0	9	4:35
FH	7	1	70	0	1	167	119	2	0:29
ML	5	0	65	22	11	139	1	5	1:03
MOCA	2	0	9	0	0	7	7	0	0:00
PA	6	0	76	4	1	53	183	1	0:18
SWRS	2	2	5	0	1	9	21	0	0:00
Colorado									
DGS	2	0	14	3	0	10	1	1	0:34
MV	4	0	25	5	1	110	7	4	2:24
PP	1	0	40	1	10	1904	548	13	4:14
Montana									
MPGF	3	0	10	1	0	2	1	0	0:00
New Mexico									
PCBNM	4	0	55	20	9	649	128	6	1:41
Utah									
CFCK	2	0	68	19	1	104	50	4	0:12
ESC	2	0	114	12	1	658	248	10	0:45
WCAT	3	0	7	1	0	2	31	0	0:00



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TABLE 2. Number of individuals of each species captured on August 22 – 28, 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			22	6	37				1		1	*		2	1		70
HC			*	15	87									1			103
ML			15		1			39	1					9			65
MOCA			1		8												9
PA				6	55			6	1			1	7	2			76
SWRS					*		4					*			1		5
Colorado																	
DGS								9						5			14
MV					12			1	6					6			25
PP								40									40
Montana																	
MPGF					1				5					4			10
New Mexico																	
PCBNM					13			31	2					9			55
Utah																	
CFCK					61									7			68
ESC					113									1			114
WCAT					1			3						3			7



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ARIZONA

Date: 8/24/2019

Location: HARSHAW CREEK, PATAGONIA MOUNTAINS

Banding Team: SUSAN WETHINGTON AND LEE ROGERS

Assistants: Gary Romig, Karina Hilliard, Victoria Arellano-Pappas, and Michael Pappas

Time: 6:24 – 11:24 AM

Number of Visitors: 0

Session Remarks: It's a crazy day!!! The storms have lined up so it feels as though migrants are stacking up at our place. Migration was noticeable about 3 days before banding and it kept getting busier and busier. We capture 103 birds: 80% of BCHU are adult and of the adults 77% are females. Lots are fat- 79% Black-chinned have significant fat. Adult females weight average 3.7g and adult males 3.8g. There's virtually no pollen. Broad-billed are still at the site with 1-1 male/female ratios and 1-1 adult/juvenile ratios. Trappers spent only 25 minutes actively trapping. On multiple occasions, the trap was dropped and 10 birds were captured! By the end, the trappers counted visits for over 4 ½ hours and records 5139 visits. YIKES!! Migration has begun.

Date: 8/25/2019

Location: AMNH SOUTHWESTERN RESEARCH STATION, CHIRICAHUA MOUNTAINS

Banding Team: SUSAN WETHINGTON AND MICHELE LANAN

Assistants: Elaine Moisan, Jengwon Yown, Victoria Arellano-Pappas, Alyssa Sargent, Jen Schlauch, Cooper Shea, Michael Yang, and Dylan Winkler

Time: 5:41 – 10:41 AM

Number of Visitors: 8

Session Remarks: Wow! Migrants have not found this site. Many agaves are still blooming. And hummingbirds still observed at the agaves. We capture only 5 birds: 4 Blue-throated and 1 Violet-crowned, a rare visitor to this site. Berylline are still being observed upstream from the station as are recently fledged White-eared hummingbirds. Only one Blue-throated is a female. We wondered if it might be the owner of the nearby Blue-throated hummingbird nest which is built on top of a barn swallow nest. The activity is so slow and the number of volunteers large, they helped enter all the data from the previous two sessions. HURRAY!! I'm thrilled because now, my report is on time. Thank you to Jengwon, Vicotria, Alyssa, and Jen for the data entry help and to all team members helping today.

Date: 8/25/2019

Location: THE GEORGE WALKER HOUSE, PARADISE, CHIRICAHUA MOUNTAINS

Banding Team: LEE ROGERS

Assistants: Jackie Lewis, Bud & Debb Johnson, J & David Smith, and Michael Pappas

Time: 6:00 – 11:00 AM

Number of Visitors: 6

Session Remarks: Migration has started. 31 of 76 birds were juveniles. 66 had measurable fat, 7 came in with white pollen and 2 with white and yellow pollen, 11 were molting. An Anna's and a Blue-throated came in after the session ended.



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Session 16: 22 – 28 August, 2019

Date: 8/25/2019

Location: PUBLIC AFFAIRS OFFICE, FORT HUACHUCA

Banding Team: LAURA DAVIS

Assistants: Laura Clawson, Birdy Johnson, Dave Wood, Dan Weisz, Karen Gravely, Amanda & Ben Bechtel, and Risa Dickson-Crawford

Time: 5:42 – 10:42 AM

Number of Visitors: 2

Session Remarks: Fall migration has begun with 70 hummingbirds captured: Anna's (22: male 9, female 13), Black-chinned (37: male 15 and female 22), Broad-billed (6: male 3 and female 3), Calliope (1 male), Lucifer (1 female), Rufous (2: male 1 and female 1) and Violet-Crowned (1, sex unknown). In addition, we observed Rivoli's. Only one recapture – an adult female Anna's banded earlier this year. Hatch-year hummingbirds accounted for 40% of the birds banded. Hatch-year count by species: Anna's (male 7, female 1), Black-chinned (male 6, female 7), Broad-billed (male 1, female 3), Calliope (male 1) and Rufous (male 1, female 1). Fat was observed on 40 hummingbirds (64%), and pollen was observed on five hummingbirds (7%). Many thanks to the Fort's Environmental and Natural Resources Division and the Public Affairs Office for supporting our program.

Date: 8/22/2019

Location: MONTEZUMA CASTLE NATIONAL MONUMENT

Banding Team: WADE GURLEY

Assistants: Carol Wentzel, Adam Bergin, Heidi Cunningham, and Steve Cunningham

Time: 5:45 – 10:45 AM

Number of Visitors: 0

Session Remarks: We had a steady day. Highlights were capturing a male Anna's hummingbird and watching a Cooper's Hawk swoop in to try and catch one of the trap checking hummingbirds.

Date: 8/22/2019

Location: STEWARD OBSERVATORY, MOUNT LEMMON, SANTA CATALINA MOUNTAINS

Banding Team: SUSAN WETHINGTON AND LEE ROGERS

Assistants: Casilda Quinones, Clare Byrne, Victoria Arellano-Pappas, and Michael Pappas

Time: 5:55 – 10:55 AM

Number of Visitors: 0

Session Remarks: Broad-tailed continue to be the most abundant with over 60% juveniles; Anna's continue to have a strong presence; and more Rufous at this site than our mid-elevation sites. It was a busy session for our last one but the numbers have dropped since our last session and in previous years, the birds are gone before the next. We appreciate the support of Steward Observatory and especially would like to thank Jim and Dave for their support and help through the season. We had a great group of volunteers and would like to especially thank Casilda and Clare for the help throughout the season.



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Session 16: 22 – 28 August, 2019

COLORADO

Date: 8/27/2019

Location: DUNTON GUARD STATION

Banding Team: KAREN ORDEMANN AND VICTORIA ARELLANO-PAPPAS

Assistants: Phil Kemp, Kathleen Turnbull, Steve Zimmerman, Michael Pappas, Bill Ordemann, Susan Sante, and Donna Zimmerman

Time: 6:45 – 11:45 AM

Number of Visitors: 3

Session Remarks: Today's session was probably our last one for DGS this season. Usually very few hummingbirds linger around our site into mid-September. The majority of the birds captured today were females. We also had a high percentage of juveniles today. Half of the birds had pollen. Of special interest was an adult Broadtail that was missing several tail feathers and had a bald spot on the top of her head. What kind of encounter led to that?! We also found it unusual that we had no recaptures from previous sessions. Special thanks to all our volunteers this year. Also, thanks to special guests who not only live in Virginia but helped us band and trap today!

Date: 8/24/2019

Location: COLORADO STATE UNIVERSITY'S MOUNTAIN CAMPUS AT PINGREE PARK

Banding Team: KIRA MONROE

Assistants: Nicole and Madison Wolf, Allison Shaw, Keegan Sentner, and Luke Rader

Time: 7:21 AM – 12:21 PM

Number of Visitors: 6

Session Remarks: It's our last session of the season, and there were more birds at the feeders than expected. The weather had been mild, the aspens hadn't turned yet, and there were flowers still blooming. We captured 40 Broad-tailed Hummingbirds including 4 juveniles. The birds were definitely fattening up for their journey south—7 adult females over 4 grams. Fred and Tena Engelman, banders from Rocky Mountain National Park, drove up for the morning to share their knowledge with Kira and the volunteers. We were grateful they made the trip! Thank you to all of our volunteers that gave their time to help this summer; we certainly couldn't have done it without you! And, a huge thank you to CSU's Mountain Campus staff for supporting this project and helping get the word out to the public and students! That's a wrap!



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Session 16: 22 – 28 August, 2019

Date: 8/28/2019

Location: MESA VERDE NATIONAL PARK

Banding Team: KAREN ORDEMANN

Assistants: Leslie Hayes, Lorraine McCleary, Jane Pedersen, Steve Somora, Kathleen Adams, and Bill Ordemann

Time: 6:51 – 11:51 AM

Number of Visitors: 2

Session Remarks: This was our last session of the 2019 season. Victoria Arellano-Pappas and Michael Pappas came to visit while on a visit to the West from Virginia, where they live. Victoria is being trained as a bander, and we hope they will come visit us again. Our numbers, 25, were low for this time of year. We only had one BCHU who had been previously banded. We will look forward to some interpretations as to why we had such an unusual year, with so few, almost none, in the first few sessions. Looking forward to 2020!

MONTANA

Date: 8/22/2019

Location: MPG RANCH - FLOODPLAIN

Banding Team: ERIC RASMUSSEN

Assistants: Mary Scofield

Time: 7:01 AM – 12:01 PM

Number of Visitors: 0

Session Remarks: Warm and humid morning with early showers and heavy clouds. Hummingbird activity started quickly in the morning, and tapered off after two hours to about nothing the remaining three hours. We captured mostly HY individuals this morning, all with significant amounts of fat stores. We were surprised by how many individuals we captured, but glad to see they are healthy!

NEW MEXICO

Date: 8/24/2019

Location: BANDELIER NATIONAL MONUMENT – PONDEROSA CAMPGROUND

Banding Team: LISA ROIG AND BOB LOY

Assistants: Joe Schmidt, Beth Cortright, Bob Walker, Melanie Boncella, Keegan Tranquillo, and Dulce Flores

Time: 6:33 – 11:33 AM

Number of Visitors: 7

Session Remarks: The juvenile birds are heading south! We captured 55 hummingbirds, of which 32 were juveniles. This made for some interesting ID, age and sex challenges. All four species were captured: broad-tailed, black-chinned, rufous and calliope. Of the 23 adults captured, only 2 were males: a rufous and a broad-tailed. Many of the young individuals were captured multiple times ... a young calliope returned to the table 3 times. We had several human visitors to the site on this busy day, including Ann, a master hummingbird bander from Albuquerque, and her assistant, Linda. As usual, our volunteer team was a pleasure to work with and extremely careful and efficient. Thank you!



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UTAH

Date: 8/27/2019

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

Banding Team: TERRY TOLBERT AND LISA YOUNG

Assistants: Allison Francis, Frank Venuti, and Hazer Manning

Time: 6:38 – 11:38 AM

Number of Visitors: 0

Session Remarks: This session seemed to resemble the ESC site session. Migration was strong, primarily made up to juveniles (55/68 or 81%). Only 1 individual previously banded also like ESC site.

Date: 8/26/2019

Location: ESCALANTE INTERAGENCY VISITOR CENTER

Banding Team: LISA YOUNG AND TERRY TOLBERT

Assistants: Hazer Manning, Frank Venuti, Allison Francis, and Linda Tramontano

Time: 6:36 – 11:36 AM

Number of Visitors: 34

Session Remarks: Migration going strong primarily made up of juveniles (82/114 or 72%).

Date: 8/28/2019

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

Banding Team: LISA YOUNG AND TERRY TOLBERT

Assistants: Allison Francis, Frank Venuti, and Hazer Manning

Time: 7:05 AM – 12:05 PM

Number of Visitors: 11

Session Remarks: Another slow session but normal for this time of year. Have not caught any CAHU at this site during end of summer migration which is a first for this site since it was started in 2014.