



HMN Monitoring Summary

Session 15: 8 – 14 August, 2019

Regional Summaries

ARIZONA

A productive year for agave kept the number of birds low at the Southwestern Research Station, but it was a surprisingly busy day at Harshaw Creek with 76 Black-chinned and Broad-billed Hummingbirds, mostly juveniles. Fort Huachuca captured only 5 birds but 3 species this session while Mount Lemmon captured 27 birds of 4 species. Most of the birds captured at Paradise and Montezuma Castle were juveniles this session.

BRITISH COLUMBIA

Sadly, our hummingbird season has now wound down. While a few birds still pass through all sites, regular activity has waned. Our last station report comes from Rossland, in the southern interior of BC. As a good omen for next year, they saw juveniles of all three migratory species. Thanks go out to all our monitoring teams for yet another great year. Just 6 months to go before our herald of spring, the rufous, are back again!

COLORADO

The Dunton team had a slow day this session with 11 birds captured, but Mesa Verde was pleased to see the number of birds return to normal for this time of year. Pingree Park continued to capture few juveniles this session, only capturing 1 Broad-tailed female.

IDAHO

The Idaho City team wrapped up their monitoring season with a busy morning catching 49 birds, mostly Black-chinned.

MONTANA

Mostly juvenile Black-chinned, Calliope, and Rufous were captured this session at the floodplain site, and it was also a busy morning there for visitors. The Sapphire Mountains are drying out quickly, but it was as surprisingly busy morning with 8 Calliope and 1 Black-chinned.

NEW MEXICO

The Bandelier team captured juveniles of all 4 species common at the site and also were excited to learn that one recaptured Broad-tailed female was originally banded as a juvenile in 2017.

UTAH

Migration continued at Escalante and Calf Creek with many Black-chinned Hummingbirds, but Wildcat still had low numbers with only 6 birds.



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TABLE 1. Summary of captured or visiting hummingbirds and trapping information for the monitoring session on August 8 – 14, 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	0	76	10	11	27	61	0	0:00
FH	3	1	5	0	0	14	14	0	0:00
ML	4	0	27	6	7	14	42	0	0:00
MOCA	1	0	10	0	0	20	22	0	0:00
PA	4	1	35	0	0	19	91	0	0:00
SWRS	3	2	4	0	0	3	33	0	0:00
British Columbia									
RO	3	0	14	1	0	31	34	10	0:21
Colorado									
DGS	2	0	11	1	2	3	0	0	0:00
MV	4	0	44	1	0	357	8	4	2:29
PP	1	0	34	0	11	3183	275	10	3:13
Idaho									
IC	3	0	49	7	1	266	81	7	2:51
Montana									
MPGF	3	0	23	0	0	4	13	0	0:00
MPGM	2	0	9	4	0	1	5	0	0:00
New Mexico									
PCBNM	4	0	78	11	32	720	428	10	2:20
Utah									
CFCK	2	0	47	3	3	31	73	5	0:21
ESC	1	0	58	10	2	53	202	5	0:42
WCAT	2	0	6	1	1	0	22	0	0:00

TABLE 2. Number of individuals of each species captured on August 8 – 14, 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
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Arizona																	
FH			1	2	2										*		5
HC			2	34	40				*								76
ML			5					19					1		2		27
MOCA					10												10
PA				1	30				2				*		2		35
SWRS				1	2			*					*		1		4
British Columbia																	
RO					6				4						4		14
Colorado																	
DGS								7							4		11
MV					21			1	4						18		44
PP								34									34
Idaho																	
IC					46				2						1		49
Montana																	
MPGF					10				6						7		23
MPGM					1				8								9
New Mexico																	
PCBNM					29			35	2						12		78
Utah																	
CFCK					41										6		47
ESC					58												58
WCAT								1							5		6



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ARIZONA

Date: 8/13/2019

Location: HARSHAW CREEK, PATAGONIA MOUNTAINS

Banding Team: SUSAN WETHINGTON AND LEE ROGERS

Assistants: Gary Romig, Karina Hilliard, Larry Hilliard, and Sylvia & Hank Verbais

Time: 5:42 – 10:42 AM

Number of Visitors: 0

Session Remarks: Today, we have a few surprises. We thought it would be a slow day but we end up with 76 birds; Black-chinned and Broad-billed only. Due to the fast rate at which the driveway feeders were being emptied, we decided to trap at the 2 feeders there. Since we had enough help to separate the traps, we moved the location of one trap and oh what a difference. The northern trap captured far more birds. Most (60%) of birds captured are juvenile; The sex ratio for Broad-billed is about 1 female to 2 male and this is the same for both adults and juveniles. For Black-chinned the adult sex ratio is 50/50 but for juveniles, over 80% are female. It seems that Black-chinned migration may be starting—five of 22 adults show significant migration fat. We also continue to take photos of molting Broad-billeds.

Date: 8/11/2019

Location: AMNH SOUTHWESTERN RESEARCH STATION, CHIRICAHUA MOUNTAINS

Banding Team: MICHELE LANAN AND SUSAN WETHINGTON

Assistants: Jeongwon Youn, Alina Downer, Elaine Moisan, and Frank Insana

Time: 5:45 – 10:45 AM

Number of Visitors: 5

Session Remarks: Low bird numbers continue, while this year has become a mass blooming year for agave!! The first Rufous juvenile migrant is captured with Black-chinned. Blue-throated Mountain Gem and Rivoli's Hummingbird are both observed. Violet-crowned and Berylline are foraging at agaves near the station but are not at this site.

Date: 8/11/2019

Location: PUBLIC AFFAIRS OFFICE, FORT HUACHUCA

Banding Team: LAURA DAVIS

Assistants: Laura Clawson, Birdy Johnson, Dave Wood, Anna Mar, and Ben Russell

Time: 5:44 – 11:03 AM

Number of Visitors: 3

Session Remarks: Very little activity at the site this morning, which is unusual for this time of the year. Monsoon rains have been frequent in the area, and we had a brief rain delay this morning during the first hour. Five hummingbirds were captured: Anna's (1), Black-chinned (2), and Broad-billed (2). In addition, we had one Violet-crowned observed. No recaptures. We had a total of 3 males and 2 females. Three were hatch-year hummingbirds: Broad-billed (1 male) and Black-chinned (1 male, 1 female). No pollen was observed this session (0%). Many thanks to the Fort's Environmental and Natural Resources Division and the Public Affairs Office for supporting our program.



HMN Monitoring Summary

Session 15: 8 – 14 August, 2019

Date: 8/8/2019

Location: MONTEZUMA CASTLE NATIONAL MONUMENT

Banding Team: WADE GURLEY

Assistants: Carol Wentzel, Sage Bylin, and Matthew Quaglia

Time: 5:32 – 10:32 AM

Number of Visitors: 0

Session Remarks: We got off to a fast start in the morning with 9 individuals and then only had one other capture for the rest of the day. All of our captures except for one were juvenile black-chinned hummingbirds and we had no recaptures this session.

Date: 8/11/2019

Location: THE GEORGE WALKER HOUSE, PARADISE, CHIRICAHUA MOUNTAINS

Banding Team: LEE ROGERS

Assistants: Jackie & Winston Lewis, John Jaenike, Avis James, Erick Morgan, Paola Mera, and Nancy Roth

Time: 5:51 – 10:51 AM

Number of Visitors: 6

Session Remarks: 26 of the 35 birds in hand today were juveniles. No recaptures. Only 2 came in with white pollen on the nares. 10 birds were molting and 13 had fat. Thank you, Winston, for driving from Albuquerque to be trapper/trainer! We also appreciate the help from the George Walker House guests and part time Paradise resident, Nancy.

Date: 8/10/2019

Location: STEWARD OBSERVATORY, MOUNT LEMMON, SANTA CATALINA MOUNTAINS

Banding Team: LAURA DAVIS

Assistants: Casilda Quinones, Clare Byrne, Suzy Hunter, and Emily Clark

Time: 5:55 – 10:55 AM

Number of Visitors: 0

Session Remarks: Summer monsoon rains had been occurring in the days before our monitoring date and luckily did not start today until we had finished and were packing up. We captured 27 hummingbirds from 4 species: Anna's (5), Broad-tailed (19), Rivoli's (1), and Rufous (2). Seven hummingbirds (26%) were recaptures from previous dates. We had a total of 10 males, 17 females. Nine of the birds were hatch-year hummingbirds (33%). Pollen was observed on six hummingbirds this session (22%).



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BRITISH COLUMBIA

Date: 8/8/2019

Location: ROSSLAND

Banding Team: LINDA SZYMKOWIAK AND SHARON LELLIOTT

Assistants: Deyanne Davies, Edward Davies, Trevor Houlden, and Mack Ropas

Time: 5:58 – 10:58 AM

Number of Visitors: 0

Session Remarks: After the first hour the birds were scarce at the traps, although we observed some at flowers or flying by. All captured birds were HY (6 BCHU, 4 RUHU, 4 CAHU). We did not observe any AHY. This is likely our last session of 2019. By late August the birds have migrated.

COLORADO

Date: 8/13/2019

Location: DUNTON GUARD STATION

Banding Team: KAREN ORDEMANN

Assistants: Phil Kemp, Mary Alexander, Sarah Tingey, Ben Robinson, Devin Cowan, and Susan Sante

Time: 6:47 – 11:47 AM

Number of Visitors: 0

Session Remarks: This was a slow day at the Dunton Guard Station site. We only captured 11 unique individuals of which 7 were Broadtails and 4 were Rufous. A few were juveniles and only a couple were recaptures. All birds evaluated had at least a trace of fat. It looks like the birds are getting ready to head south! Thank you to our volunteers and to our USFS and BLM seasonals that joined us today and helped with monitoring. It was another beautiful day in the San Juan National Forest!

Date: 8/14/2019

Location: MESA VERDE NATIONAL PARK

Banding Team: KAREN ORDEMANN

Assistants: Tish Varney, Leslie Hayes, Lorraine McCleary, Jane Pedersen, Steve Somora, Diane Cherbak, Dusty & Roger MacDougal, Karel Buckley, and Kathleen Adams

Time: 6:43 – 11:43 AM

Number of Visitors: 0

Session Remarks: We processed 44 birds, a more normal number after a summer with dismal numbers. We had 31 hatch year birds, and no birds returning who had previously been banded. That too is also unusual. Our volunteers are great—they make spending time with hummingbirds great fun. Thanks to all.



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Session 15: 8 – 14 August, 2019

Date: 8/10/2019

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

Banding Team: KIRA MONROE

Assistants: Mike O'Donnell, Kelly Zweifel, and Krista Garhart

Time: 6:43 – 11:58 AM

Number of Visitors: 0

Session Remarks: We had fewer volunteers than usual for this cloudy banding session, but they kept things moving smoothly. We have been surprised by the low number of juveniles that we have captured thus far this season. Only 1 juvenile, a female, was captured this session. The rest of the birds that we captured were adult female Broad-tailed, and 5 of the 11 recaptures were originally banded during the first year at this site in 2017. Thank you to the CSU Mountain Campus staff for their support of this project and maintaining the site!

IDAHO

Date: 8/8/2019

Location: IDAHO CITY

Banding Team: HEATHER HAYES AND LIZ URBAN

Assistants: Kevin Trombly, Barb Howard, Jared Arp, Lucien Davis, Amber Armstrong, Danette Henderson, and Iris Henderson

Time: 6:43 – 11:43 AM

Number of Visitors: 3 (from the Lucky Peak banding crew)

Session Remarks: Final session of the 2019 hummingbird banding season. Traps needed closed within 6 minutes of opening due to high activity. Clouds increased over the morning with rain moving in at 9:48 and requiring traps to be closed for 40 minutes.

MONTANA

Date: 8/8/2019

Location: MPG RANCH - FLOODPLAIN

Banding Team: ERIC RASMUSSEN

Assistants: Mary Scofield, Susan Nelson, and Lesley Rolls

Time: 6:22 – 11:22 AM

Number of Visitors: 24

Session Remarks: Today was a warm, calm morning with passing thunderstorms to our south, and it quickly turned hot before the end of the session. Hummingbird activity was high right at the start with RUHU of all ages, and slowly transitioned into mostly BCHU. The majority of our captures this session were HY birds of all three species, and notably we had no recaptured individuals. Activity tapered off at the end with rising heat. We hosted 24 guests this morning, including Montana FWP, EPI high school students, and community members.



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Location: MPG RANCH - MONTANE

Banding Team: ERIC RASMUSSEN

Assistants:

Time: 6:26 – 11:26 AM

Number of Visitors: 0

Session Remarks: I wasn't expecting more than a couple birds at our high site today—based on previous years data. I was surprised to have a busy morning with eight CAHU and our token one BCHU that always seems to come up to our high site once about this time of year. Natural nectar sources will be scarce up here soon, as the Sapphire Mountains are drying out fast. I imagine that fireweed and bee balm are still out in small pockets. No previous recaptures this morning and mostly hatch-year birds present. Big waves of other passerines were moving through all morning with a heavy berry crop on shrubs and many small insects for the warblers and such.

NEW MEXICO

Date: 8/11/2019

Location: BANDELIER NATIONAL MONUMENT – PONDEROSA CAMPGROUND

Banding Team: LISA ROIG AND BOB LOY

Assistants: Joe Schmidt, Will Schmidt, Beth Cortright, Bob Walker, Melanie Boncella, Keegan Tranquillo, and Sarah Milligan

Time: 6:25 – 11:25 AM

Number of Visitors: 10

Session Remarks: All four species (black-chinned, broad-tailed, rufous, calliope) were captured, and at least one juvenile of each species was banded. We had 32 recaptures out of 78 total captures, and several were first banded as adults in 2016. One recaptured broad-tailed female was first banded as a juvenile in 2017, remarkable because the great majority of our recaptures (since we started in 2015) were banded as adults. Of the after-hatch-year birds, we are seeing mostly females now. We had several (human) visitors of different nationalities. Thank you to all of the volunteers!

UTAH

Date: 8/13/2019

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

Banding Team: TERRY TOLBERT

Assistants: Jacob Hart, Frank Venuti, Hazer Manning, and Allison Francis

Time: 6:41 – 11:41 AM

Number of Visitors: 1

Session Remarks: Migration continues with adult males making up only 4 individuals (14%) of total adults.



HMN Monitoring Summary

Session 15: 8 – 14 August, 2019

Date: 8/12/2019

Location: ESCALANTE INTERAGENCY VISITOR CENTER

Banding Team: TERRY TOLBERT AND LISA YOUNG

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

Time: 6:32 – 11:32 AM

Number of Visitors: 12

Session Remarks: Migration in full swing but only BCHUs present with no RUHU as in previous years during this session.

Date: 8/14/2019

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

Banding Team: TERRY TOLBERT

Assistants: Frank Venuti, Allison Francis, and Hazer Manning

Time: 6:50 – 11:50 AM

Number of Visitors: 2

Session Remarks: Numbers continue to be low at this high elevation site.