



HMN Monitoring Summary

Session 14: 25 – 31 July, 2019

Regional Summaries

ARIZONA

Fort Huachuca captured local breeding species plus a Rufous and observed a Violet-crowned, and their most exciting recapture was a male Broad-billed that was at least 10 years old. It was a very busy, 92-bird, morning at Mount Lemmon, and quite a few molting Broad-tailed and Anna's were captured. There were 70 birds, mostly juvenile Broad-billed males, captured at Harshaw Creek. The Southwestern Research Station was still in the July Doldrums, and Paradise was as well but still captured 16 birds which were mostly juveniles. Mostly juveniles of the Black-chinned variety were captured at Montezuma Castle.

BRITISH COLUMBIA

On the coast, we continued to see the odd rufous migrating through low elevation mainland sites like Widgeon. While at higher elevation at Grouse Mountain, we saw both Rufous and Anna's. In the interior, both Lumby and Rossland were seeing a few adult females, and mainly juveniles, including those of the later breeding black-chins.

COLORADO

The birds finally returned to Mesa Verde and Dunton! Pingree Park captured almost all adult female Broad-tailed Hummingbirds, but 2 juvenile BTLH and 2 Rufous Hummingbirds were also captured.

IDAHO

Mostly male Black-chinned were captured by the Idaho City team this session, but also a female Calliope that was originally banded at the site in 2013.

MONTANA

There were 15 birds captured at the floodplain site, including juveniles of all three species (Rufous, Calliope, and Black-chinned). Eleven birds were captured at the montane site, including juvenile Calliope and 1 juvenile male Rufous.

NEW MEXICO

The Bandelier team had a busy session with Broad-tailed, Black-chinned, Rufous, Calliope, and the first juveniles of the year.

UTAH

The Utah crew was glad to see numbers increasing at Escalante and Calf Creek as migrants began moving through the area, but numbers at Wildcat remained low.



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TABLE 1. Summary of captured or visiting hummingbirds and trapping information for the monitoring session on July 25 – 31, 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	6	0	70	15	12	50	99	2	0:31
FH	4	1	52	0	10	69	117	1	0:09
ML	3	1	92	14	52	76	161	3	0:24
MOCA	1	0	5	0	1	18	35	0	0:00
PA	4	1	16	0	0	30	26	0	0:00
SWRS	1	2	3	0	0	5	38	0	0:00
British Columbia									
GM	2	0	17	1	0	15	26	0	0:00
LU	3	0	14	1	0	18	30	12	1:20
RO	3	0	10	0	0	189	80	11	2:20
WM	1	0	6	2	1	7	60	0	0:00
Colorado									
DGS	2	0	20	2	4	5	0	0	0:00
MV	4	0	45	0	3	200	34	3	1:25
PP	2	0	36	0	7	3710	829	9	3:53
Idaho									
IC	2	1	44	6	3	140	127	4	0:46
Montana									
MPGF	3	0	15	1	1	3	8	0	0:00
MPGM	2	0	11	3	3	2	6	0	0:00
New Mexico									
PCBNM	4	0	57	6	23	1970	569	11	3:32
Utah									
CFCK	1	0	26	4	7	14	85	0	0:00
ESC	2	0	39	6	4	30	96	0	0:00
WCAT	3	0	10	0	0	6	22	0	0:00



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TABLE 2. Number of individuals of each species captured on July 25 – 31, 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			19	15	17									1	*		52
HC		1	1	41	25									1	1		70
ML					7			83				*		2			92
MOCA					5												5
PA				4	10			*				1		1			16
SWRS					3		*					*					3
British Columbia																	
GM			8											9			17
LU					4				4					6			14
RO					3				1					6			10
WM														6			6
Colorado																	
DGS								11						9			20
MV					14			3	1					27			45
PP								34						2			36
Idaho																	
IC					40				5								45
Montana																	
MPGF					5				3					7			15
MPGM									10					1			11
New Mexico																	
PCBNM					23			20	1					13			57
Utah																	
CFCK					26												26
ESC					38									1			39
WCAT					3			4						3			10



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ARIZONA

Date: 7/27/2019

Location: HARSHAW CREEK, PATAGONIA MOUNTAINS

Banding Team: SUSAN WETHINGTON AND LEE ROGERS

Assistants: Gary Romig, Emily Clark, and Karina Hilliard

Time: 5:42 – 10:42 AM

Number of Visitors: 0

Session Remarks: Juvenile Broad-billed males outnumber all other age/sex/species classes but there are both male and female juveniles for the common breeding species for this site (BCHU, BBLH). It seems as though the Costa's have left the area and are replaced with two migrant species: an adult female Rufous and a juvenile male Allen's.

Date: 7/28/2019

Location: AMNH SOUTHWESTERN RESEARCH STATION, CHIRICAHUA MOUNTAINS

Banding Team: MICHELE LANAN

Assistants: Henry Ernsberger, Gina Calabrese, Alina Downer, and Elaine

Time: 5:40 – 10:40 AM

Number of Visitors: 2

Session Remarks: Another session with a cool, cloudy day with few birds. Low bird numbers expected this time of year at this site.

Date: 7/28/2019

Location: PUBLIC AFFAIRS OFFICE, FORT HUACHUCA

Banding Team: LAURA DAVIS

Assistants: Laura Clawson, Birdy Johnson, Sara Jones, Leisa Westbrook, and Dave Wood

Time: 5:27 – 10:27 AM

Number of Visitors: 0

Session Remarks: Local breeding hummingbirds dominated today's session: Anna's (19), Black-chinned (17), Broad-billed (15). In addition, we had one adult male Rufous and observed a Violet-crowned hummingbird. Total captures were four species, 52 hummingbirds. Ten hummingbirds (19%) were recaptures originally banded at Fort Huachuca on previous dates (2010, 2018, and 2019 [no banding was conducted in 2016 or 2017]). The Bird of the Day was our oldest recapture: a male Broad-billed originally banded on 5/16/2010 as an adult, making him at least 10 yr 1 mo old. We had a total of 34 males, 18 females. Half of the birds were hatch-year hummingbirds: Anna's (6 males, 2 females); Broad-billed (5 males, 4 females); and Black-chinned (6 males, 3 females). Pollen was observed on just one hummingbird this session (2%). Many thanks to the Fort's Environmental and Natural Resources Division and the Public Affairs Office for supporting our program.



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Date: 7/25/2019

Location: MONTEZUMA CASTLE NATIONAL MONUMENT

Banding Team: WADE GURLEY

Assistants: Carol Wentzel, Sage Bylin, and Kirsten Fuller

Time: 5:25 – 10:25 AM

Number of Visitors: 0

Session Remarks: We had mostly juvenile black-chinned this capture session.

Date: 7/28/2019

Location: THE GEORGE WALKER HOUSE, PARADISE, CHIRICAHUA MOUNTAINS

Banding Team: LEE ROGERS

Assistants: Jackie Lewis, Bud & Debb Johnson, Glen Ostrander, and Olivia Carey

Time: 5:45 – 10:45 AM

Number of Visitors: 4

Session Remarks: 13 of 16 birds were juvenile. 4 had white pollen, 5 had fat and 5 were molting. One of the molting birds was a juvenile Broad-billed male. It was a very slow and cloudy day. Hope to see numbers pick up soon!

Date: 7/25/2019

Location: STEWARD OBSERVATORY, MOUNT LEMMON, SANTA CATALINA MOUNTAINS

Banding Team: SUSAN WETHINGTON AND LEE ROGERS

Assistants: Clare Byrne and Dennis & Brenda Newman

Time: 5:30 – 10:30 AM

Number of Visitors: 0

Session Remarks: We're lucky. It looks like rain could start anytime but it doesn't until we finish the full session. There's lots of body molt in Broad-tailed and the table is covered with feathers by the end of the session. The adult and juvenile Anna's are in wing molt. There are a few gravid Broad-tailed females. We record some pollen but not as much as expected given the number of Penstemon Barbatus blooming on the mountain. The birds enter the trap at a steady, fun pace, which makes a fun morning!

BRITISH COLUMBIA

Date: 7/27/2019

Location: LUMBY

Banding Team: KAREN SIEMENS, LAURA MACPHERSON, AND SUSAN LATIMER

Assistants: Brenda Snow, Louise Breneman, Marnie Williamson, and Kent MacFarlane

Time: 6:00 – 11:00 AM

Number of Visitors: 1

Session Remarks: The weather was mostly cloudy to high overcast and the traps were closed for 22 minutes due to rain. Although the bird numbers have dropped over the past 2 weeks, we still had a very good session. Of the 14 birds captured we banded 4 Black-chinned (2 adult females, 2 juvenile males), 2 adult female Calliope and 6 Rufous (4 juvenile males, 2 juvenile females).



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Session 14: 25 – 31 July, 2019

Date: 7/25/2019

Location: GROUSE MOUNTAIN

Banding Team: DEVIN MANKY

Assistants: Peter Scott, Sharon Cocomile, Joanne Doubrava, John Stoddart, Bree Stoddart, John Barnes, Abby Kennedy, Tanya Hauswald, Kim Barrett, Patrick Brown, and Colleen Johnson

Time: 5:45 – 10:45 AM

Number of Visitors: 32

Session Remarks: A decent late July session with both Anna's and Rufous Hummingbirds. One individual came back and was re-trapped five times! Guess he just liked the hand feeding! One thing we've been noting here is that we seem to catch predominantly Rufous Hummingbirds early on and then Anna's a bit later in the morning. We wonder if the Anna's are not living on the mountain but visiting during the day and doing their early morning feeds at a lower elevation? Lots of blooms right now so they may be distracting from the feeders. Thanks to all our dedicated volunteers as always!

Date: 7/27/2019

Location: WIDGEON MARSH REGIONAL PARK RESERVE, COQUITLAM

Banding Team: CHRIS SMITH

Assistants: Megan Scott, Chantel DeLange, and Helen Cheung

Time: 5:35 – 10:35 AM

Number of Visitors: 0

Session Remarks: With the exception of a few HY and AHY females, most of rufous hummingbirds have moved on from the site. As a result, hummingbird abundance was down significantly this week. Only one of birds captured possessed fat reserves. Flower abundance is also down considerably. Plants presently in bloom include fireweed, hardhack, purple loosestrife, crocosmia, and pearl everlasting.

Date: 7/28/2019

Location: ROSSLAND

Banding Team: LINDA SZYMKOWIAK

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

Time: 5:39 – 10:39 AM

Number of Visitors: 0

Session Remarks: From observations made in days previous to July 28, we expected there to be few birds especially in the morning. On the day of banding there were many more than expected at least in 1st hour. We had one bander and number captured was lower than with 2 banders. 4 HY RUHU and 2 AHY RUHU female. 1 CAHU HY female and 2 BCHU HY female. At least 1 BCHU male AHY checked out traps but would not enter.



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COLORADO

Date: 7/25/2019

Location: DUNTON GUARD STATION

Banding Team: KAREN ORDEMANN

Assistants: Kathleen Turnbull, Mary Alexander, Steve Zimmerman, Michelle Hannington, Maxx Wright, Lille Diane, Callee Wells, Charlotte Thompson, Caroline Podgorroff, Kelsey Fellensbee, and Timothy Moore

Time: 6:30 – 11:32 AM

Number of Visitors: 0

Session Remarks: This was a busier session than our last one! We are seeing lots of Rufous now. We also had 2 juveniles. We had several new enthusiastic volunteers join us as well as 2 BLM seasonal wildlife biologist. Most of the birds are starting to show signs of fat. Thank you to all of our volunteers and BLM employees for helping out.

Date: 7/31/2019

Location: MESA VERDE NATIONAL PARK

Banding Team: KAREN ORDEMANN

Assistants: Diane Cherbak, Jane Pedersen, Steve Somora, Kathleen Adams, Karel Buckley, Jonathan Heale, and Cheyenne Laske

Time: 6:41 – 11:41 AM

Number of Visitors: 1

Session Remarks: Finally!! We have birds, after such disappointing first 5 sessions, with a total for all those sessions of 18 birds (that's 3.6 birds per session). Today we captured 45 hummingbirds of 4 species. Curious as to where they have been. Only 3 of the birds had been previously banded, one BTLH from our first session. We had 14 BCHU, 3 BTLH, 27 RUHU, and 1 Calliope. Eleven birds had pollen. Thanks to all our volunteers, who have hung in there for a very strange hummer summer. We were so pleased to have Annabeth Hanson joining us for this session. Granddaughter of Kathleen Adams, she was told by her grandmother that she could come to a session once she became 11 years old! Annabeth, we look forward to your return! She was a great help and a delight to all.



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Date: 7/27/2019

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

Banding Team: KIRA MONROE

Assistants: Madison Null, Lindsey Roberts, Cristal Dominguez, Sonja Barber, Nicole Wolf, Madison Wolf, and Cliff Hendrick

Time: 6:27 – 11:27 AM

Number of Visitors: 12

Session Remarks: Another cloudy day for monitoring, and we were still pestered by mosquitos at the site. We captured 34 Broad-tailed Hummingbirds and 2 more Rufous Hummingbirds, an adult male and female. We finally captured our first two juveniles of the year. They had me worried! All of our birds were adult females (a dramatic shift from last session) except for a juvenile and adult male Broad-tailed and that adult male Rufous. Wildflowers were still blooming around the valley, including *Penstemon* spp., *Achillea millefolium*, *Potentilla* spp., *Eriogonum umbellatum*, *Erigeron* spp., *Oxytropis lambertii*, *Mertensia* spp., *Astragalus* spp., and *Chrysopsis villosa*. Twelve out of 36 birds had pollen. Thanks to the CSU students for identifying plants. Most importantly, a huge thank you to CSU Mountain Campus staff for maintaining the site and supporting our project!

IDAHO

Date: 7/29/2019

Location: IDAHO CITY

Banding Team: HEATHER HAYES, HEIDI CARLISLE (primarily doing outreach education), AND KATIE POWELL

Assistants: Kevin Trombly, Lianna Cabiles, Jennifer Alban, Jared Arp, Christine Floor, Robert Floor, Amber Armstrong, Linda Paul, Melissa Stoner, Danette Henderson, Iris Henderson, and Lucian Davis

Time: 6:29 – 11:29 AM

Number of Visitors: 58

Session Remarks: A majority of the birds banded during this session were BCHU males. Only 5 of the total birds were CAHU. One very exciting recapture – a female CAHU that was originally banded at this station in 2013.



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MONTANA

Date: 7/25/2019

Location: MPG RANCH - FLOODPLAIN

Banding Team: ERIC RASMUSSEN

Assistants: Mary Scofield, Susan Nelson, and Lesley Rolls

Time: 6:09 – 11:09 AM

Number of Visitors: 2

Session Remarks: Calm, cool morning that warmed rapidly near the end of the session. This was our best session for RUHU so far this season, and it included juveniles as well. We banded juveniles from all three species. Activity was not as high as expected given that our last banding session at the floodplain site was one of our most productive mornings over the last four years. We did not have very many CAHU juveniles, which was surprising, and perhaps next session will have more as was expected. Our visitor this morning was from Montana Fish, Wildlife and Parks. The wildflowers have mostly dried up at lower elevations, but some are still blooming at more alpine elevations.

Date: 7/30/2019

Location: MPG RANCH - MONTANE

Banding Team: ERIC RASMUSSEN

Assistants: Mary Scofield and Susan Nelson

Time: 6:07 – 11:07 AM

Number of Visitors: 1

Session Remarks: Warm, breezy and sunny morning with approaching thunderstorms from the west that were about to open up on us at the end of the session. Hummingbird activity was high right at the start, and quickly tapered off to be very slow the last three hours. We had a few recaptures this morning, all from earlier this season at either the floodplain or the montane sites. We banded a handful of juvenal birds this session, including one young male RUHU. Wildflowers are mostly dried up at this elevation except the bee balm.

NEW MEXICO

Date: 7/27/2019

Location: BANDELIER NATIONAL MONUMENT – PONDEROSA CAMPGROUND

Banding Team: LISA ROIG

Assistants: Joe Schmidt, Will Schmidt, Melanie Boncella, Miranda Butler-Valverde, Keegan Tranquillo, and Sarah Milligan

Time: 6:20 – 11:20 AM

Number of Visitors: 1

Session Remarks: We banded our first juveniles of the year, a male broad-tailed and a male black-chinned. We had many rufous and one calliope, as well as broad-tailed and black-chinned. The birds were carrying lots of pollen and fat. We enjoyed the help of a new volunteer, Miranda, and everyone was kept busy because of the large numbers of birds.



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Session 14: 25 – 31 July, 2019

UTAH

Date: 7/26/2019

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

Banding Team: TERRY TOLBERT

Assistants: Frank Venuti and Allison Francis

Time: 6:17 – 11:17 AM

Number of Visitors: 0

Session Remarks: Return migration seems to have started as numbers have increased.

Date: 7/29/2019

Location: ESCALANTE INTERAGENCY VISITOR CENTER

Banding Team: LISA YOUNG AND TERRY TOLBERT

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

Time: 6:11 – 11:11 AM

Number of Visitors: 10

Session Remarks: Southbound migration has started as numbers increase.

Date: 7/25/2019

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

Banding Team: TERRY TOLBERT

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

Time: 6:40 – 11:40 AM

Number of Visitors: 2

Session Remarks: Low numbers continue with only 10 individuals. No returning individuals.