



# HMN Monitoring Summary

Session 14: 26 July – 1 August 2018

## Regional Summaries

### ARIZONA

Harshaw Creek captured 85 individuals of 3 species, including equal numbers of Broad-billed and Black-chinned, more juveniles than last session, and the return of the Black-chinned male with Trichomoniasis. Mount Lemmon captured 4 species, more juveniles, and lots of recaptures; and like Harshaw Creek, they observed that migration seems to be earlier this year. Fort Huachuca had a slow morning but still captured 5 species, and more than half of the individuals were juveniles. SWRS also captured 5 species, but had a stormy night before banding and saw a few stressed birds during the session. A slow and hot morning for Montezuma Castle, but they captured their first Rufous of the year. It was also a slow morning for Paradise, but they still captured 5 species though none of the individuals were recaptures.

### BRITISH COLUMBIA

Surprisingly, there are still birds moving through the east Fraser Valley at Widgeon. Presumably this is a reflection of the late arrival on the breeding grounds. In the interior, both Lumby and Rossland were awash with juveniles, always a hopeful sign, especially when BC has been suffering another bad fire season. Smoke extends across the province and is even bad on the coast.

### COLORADO

Mesa Verde had a very busy session and a lot of volunteers to help tackle the job, which included 4 species, mostly un-banded birds, and another visit in 2018 from an old Black-chinned female. Dunton had an even busier session with 50 birds captured of 3 species including quite a few juveniles and wrapped up the session with a smoky finish. Pingree Park had a busy session as well, which was filled with mostly adult female Broad-tailed Hummingbirds.

### IDAHO

An exciting session because of the first Broad-tailed Hummingbird ever captured at the site!

### MONTANA

A busy session for the Floodplain site with the first appearance of juveniles and a return Calliope Hummingbird from the first year the site operated. A busy beginning but slow end resulted in a few Calliope and 1 hungry Rufous captured at the Montane site this session.

### NEW MEXICO

Black-chinned, Broad-tailed, and Rufous Hummingbirds were captured this session, which included juveniles of all species, high trap counts, recaptures, and pollen.

### UTAH

Migration continues and the Utah sites are still seeing considerable numbers of birds, including Black-chinned, Broad-tailed, Calliope, and Rufous Hummingbirds.



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**TABLE 1.** Summary of captured or visiting hummingbirds and trapping information for the monitoring session on July 26 – August 1, 2018. 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	
<b>Arizona</b>										
FH	5	0	21	0	3	5	18	0	0:00	
HC	3	1	85	8	26	0	0	0	0:00	
ML	4	0	51	3	17	48	172	0	0:00	
MOCA	2	0	7	0	0	13	11	0	0:00	
PA	5	1	26	0	0	40	45	0	0:00	
SWRS	5	0	47	7	18	141	64	5	1:48	
<b>British Columbia</b>										
LU	3	0	27	0	0	53	157	15	1:29	
RO	3	0	18	3	0	63	98	5	0:35	
WM	2	0	26	1	2	16	44	0	0:00	
<b>Colorado</b>										
DGS	3	0	50	7	10	1023	487	8	3:48	
MV	4	0	44	3	2	784	15	7	3:45	
PP	1	1	42	0	7	2941	241	13	4:18	
<b>Idaho</b>										
IC	4	0	59	9	0	78	57	1	0:21	
<b>Montana</b>										
MPGF	3	0	22	3	2	13	25	1	0:22	
MPGM	2	0	4	1	0	1	11	0	0:00	
<b>New Mexico</b>										
PCBNM	3	0	56	3	20	3564	597	14	3:19	
<b>Utah</b>										
CFCK	4	0	59	22	7	251	80	7	1:11	
ESC	4	0	80	0	2	1222	80	13	2:44	
WCAT	3	0	54	21	18	281	107	0	1:16	



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**TABLE 2.** Number of individuals of each species captured on July 26 – August 1, 2018. 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
<b>Arizona</b>																	
FH			4	9	5									2	1		21
HC			1	42	42									*			85
ML			7					38				3		3			51
MOCA					4									3			7
PA				3	14			*	3			2		4			26
SWRS					25		10	3				5		4			47
<b>British Columbia</b>																	
LU					2				3					17			22
RO					8				4					6			18
WM			1											25			26
<b>Colorado</b>																	
DGS								32	4					7			50
MV					21			3	6					14			44
PP								42						*			42
<b>Idaho</b>																	
IC					41			1	5					12			59
<b>Montana</b>																	
MPGF					8				11					3			22
MPGM									3					1			4
<b>New Mexico</b>																	
PCBNM					18			29						9			56
<b>Utah</b>																	
CFCK					13			4	1					41			59
ESC					23			6	2					49			80
WCAT					3			22						29			54



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## ARIZONA

**Date:** 7/30/2018

**Location:** HARSHAW CREEK, PATAGONIA MOUNTAINS

**Banding Team:** LEE ROGERS AND SUSAN WETHINGTON

**Assistants:** Gary Romig

**Time:** 5:53 – 10:53 AM

**Number of Visitors:** 0

**Session Remarks:** Oh, what a difference 2 weeks make! Last session we had high recapture rates, particularly with Broad-billed, the most common species. This session the recapture rates are down; the number of Broad-billed and Black-chinned are equal; the number of juveniles have increased, particularly for the common breeding species (Broad-billed and Black-chinned); and the increased number of un-banded Black-chinned males, a third with fat, suggest the beginning of their migration. It seems that migration is earlier this year than in the previous few years. The most interesting individual was the last bird of the day. It was the recapture of the Black-chinned male, banded last session with a lesion that looked like trichomoniasis. The lesion was in the tongue tracks of the mandible. This time the tongue was free and we were able to extract and collect the lesion so it could be analyzed by Lisa Tell, professor in the veterinary school at UC Davis.

**Date:** 7/29/2018

**Location:** PUBLIC AFFAIRS OFFICE, FORT HUACHUCA

**Banding Team:** LAURA DAVIS

**Assistants:** Dave Wood and Meagan MacLaren Dettle

**Time:** 5:33 – 10:33 AM

**Number of Visitors:** 0

**Session Remarks:** We had a slow, but diverse morning. 21 hummingbirds from 5 species: Anna's (4), Broad-billed (9), Black-chinned (5), Rufous (2), and Violet-crowned (1). Three hummingbirds were recaptures from previous dates (2014-2018). Hatch-year birds accounted for 62% of the hummingbirds. Pollen was observed on only two birds. Many thanks to the Fort's Environmental and Natural Resources Division for supporting our program and to the Public Affairs Office for posting information on the Fort Huachuca Facebook page.

**Date:** 7/26/2018

**Location:** MONTEZUMA CASTLE NATIONAL MONUMENT

**Banding Team:** TINA GREENAWALT

**Assistants:** Shannon Finnerty, Carol Wentzel, and Michelle Chavez

**Time:** 5:27 – 10:27 AM

**Number of Visitors:** 0

**Session Remarks:** It was pretty slow again today, but we had 3 Rufous (first this year) so that was exciting. Otherwise not many birds around. It was pretty hot as well and got up to 111 by the time we were done.



# HMN Monitoring Summary

Session 14: 26 July – 1 August 2018

**Date:** 7/28/2018

**Location:** STEWARD OBSERVATORY, MOUNT LEMMON, SANTA CATALINA MOUNTAINS

**Banding Team:** LEE ROGERS

**Assistants:** Anne-Laure Blanche, Casilda Quinones, Clare Byrne, and Suzy Hunter

**Time:** 5:40 – 10:40 AM

**Number of Visitors:** 0

**Session Remarks:** We capture a mixture of breeding and migrant species this session. Now, the migrating Rufous are adult female and juvenile males. It sure seems early for them to be moving through Arizona, particularly since the peak of their movement through Arizona is typically in September. Anna's continue to move through this site. Their numbers have been higher this year than in previous years. Rivoli's are present but in low numbers. Broad-tailed continue to be the most common species. 60% of the adults that we capture are returning birds. The number of juveniles also increased this session. It seems like it's a good reproductive year. The morning runs smoothly with a team of experienced volunteers. Thanks all!

**Date:** 8/2/2018

**Location:** AMNH SOUTHWESTERN RESEARCH STATION, CHIRICAHUA MOUNTAINS

**Banding Team:** MICHELE LANAN

**Assistants:** Elaine Moisan, Alina Downer, and Amanda Linskey

**Time:** 5:54 – 10:54 AM

**Number of Visitors:**

**Session Remarks:** It was a stormy, rainy night before banding this session and there were a couple of birds that appeared stressed as a result of the storm. One was very weak and was kept throughout the banding morning and fed regularly. By the end of the session, it flew strongly away. Most of the birds captured are adults, mainly female, and are the local breeding species. Migrant Rufous are now using the site as well.

**Date:** 7/29/2018

**Location:** THE GEORGE WALKER HOUSE, PARADISE, CHIRICAHUA MOUNTAINS

**Banding Team:** LEE ROGERS

**Assistants:** Jackie Lewis, Mike Jacobi, Jasmine Torrez, Vidalia Torrez, Lisette Torrez, and Tony Torrez

**Time:** 5:40 – 10:40 AM

**Number of Visitors:** 3

**Session Remarks:** The weather was calm and being partly cloudy kept the temperature down. No previously banded or same day recaptures. 10 of 26 birds are juveniles. 7 birds were molting. 1 had yellow pollen and 2 had white pollen. 13 had a fat of 1 or higher. Thank you all for hanging in on a slow morning!



# HMN Monitoring Summary

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## BRITISH COLUMBIA

**Date:** 7/28/2018

**Location:** LUMBY

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

**Assistants:** Gail Loughridge, Kent MacFarlane, Louise Breneman, and Marnie Williamson

**Time:** 5:50 – 10:50 AM

**Number of Visitors:** 0

**Session Remarks:** We had a good session with a trap count of 163. No adult birds were captured and 21 juvenile birds were banded. Of the three species banded the Rufous was the predominant one: 17 Rufous (12 males, 5 females), 3 Calliope (2 males, 1 female) and 1 Black-chin female.

**Date:**

**Location:** WIDGEON MARSH REGIONAL PARK RESERVE, COQUITLAM

**Banding Team:** AZIM SHARIFF AND ELSE MIKKELSEN

**Assistants:** Alex Ho, Janelle Vanderbeek, Meghan O'Connell, Rhys Sharry, Susan Wepking, Uriel Garcilazo, and Roy WK Teo

**Time:** 5:46 – 10:46 AM

**Number of Visitors:** 0

**Session Remarks:** Rufous hummingbird abundance has been steadily declining over the past two weeks. Most of the birds passing through are adult females (22/26). Of those, only two were recaps. All the birds captured possessed ample fat reserves. Several of the birds examined today also had mites. Plants presently in bloom on site include foxglove, fireweed, hardhack, purple loosestrife, trailing blackberry, Himalayan blackberry, red columbine, & Cooley's hedge-nettle. There were also lots of mosquitoes and midges out. Thank you to all the volunteers who assisted this morning.

**Date:** 7/29/2018

**Location:** ROSSLAND

**Banding Team:** SHARON LELLIOTT

**Assistants:** Edward Davies, Deyanne Davies, and Mackenzie Ropas

**Time:** 5:45 – 10:45 AM

**Number of Visitors:** 0

**Session Remarks:** Mostly juveniles. Lots of Juvenile male rufous, aggressive at feeder and chasing other birds away. Wasps bad around feeders, chasing hummers away.



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## COLORADO

**Date:** 8/1/2018

**Location:** MESA VERDE NATIONAL PARK

**Banding Team:** KAREN ORDEMANN

**Assistants:** Tish Varney, Diane Cherbak, Cole Rankin, Melinda McFarland, Dusty MacDougall, Roger MacDougall, Leslie Hayes, Jane Pedersen, Steve Somora, Kathleen Adams, and Karel Buckley

**Time:** 6:18 – 11:18 AM

**Number of Visitors:** 3

**Session Remarks:** Many thanks to all of our volunteers and especially to Karen, who tirelessly banded almost 50 birds, which comes to a grand total of close to 100 birds in 2 days! (Karen banded at Dunton the day before!) Thank you, Karen! And, it was a day of new bands, as we only had 2 birds that returned with bands. But guess what?? Our 9-year-old (minimum) BCHU-F came back yesterday! She has been at our site 3 sessions so far in 2018. You may recall that I have reported that she was first banded in 2010 and has returned every year since then, each year multiple times, *except for 2013*. Such a curiosity! I was able to manually check our 2017 data, and she came twice, and on 7-19, she was a gravid 7, so she possibly was getting ready to lay her eggs. This year, 2018, she was gravid 5 on 6-29, and gravid 0 on 7-13 and yesterday. Hopefully, she is busy taking good care of her nestlings! Some milestones: The most volunteers we have ever had at one time; only 2 returning birds out of 45; very likely the highest number of birds visiting the traps when we were closed. We had: 21 BCHU; 3 BTLH (one was the other returnee); 14 RUHU and 6 CAHU. Still waiting for that adult male Calliope like we had last year! In February, Jane and Steve did a presentation to the 4<sup>th</sup> grade class at St. Columbia School in Durango, on our project and the banding of hummingbirds. The students were so attentive, and enthralled with our project and the magic of hummingbirds. We invited any student to come visit our project, if an adult were able to bring them. And Sophie May-Ostendorp, age 10, took us up on the offer, and brought her grandparents, Susan and Jan Ostendorp. Thank you, Susan and Jan, for bringing Sophie – maybe we have met a future ornithologist!

**Date:** 7/29/2018

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

**Banding Team:** KIRA MONROE

**Assistants:** Nolan Bunting, Landon Bunting, Anna Mar, Valeria Aspinall, and Adrian Monroe

**Time:** 6:47 – 11:47 AM

**Number of Visitors:** 6

**Session Remarks:** A lovely morning for our fifth banding session this season. We captured all Broad-tailed Hummingbirds, mostly adult females and none were gravid. We also captured 3 juveniles and 5 birds with yellow pollen. The wind really picked up toward the end of the session, and one of the bands blew right off the tray and into the grass! Thank you to all of the enthusiastic volunteers this session and to the CSU Mountain Campus staff for their dedication to this project!





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Session 14: 26 July – 1 August 2018

**Date:** 7/31/2018

**Location:** DUNTON GUARD STATION

**Banding Team:** KAREN ORDEMANN

**Assistants:** Kathleen Turnbull, Mary Alexander, Bonnie Devereaux, Lisa Roche, Patty Boyer, Maxx Wright, Bob Wright, Susan Sante

**Time:** 6:30 – 11:45 AM

**Number of Visitors:** 0

**Session Remarks:** This was a very busy session. The hummingbirds were very active utilizing the feeders for the entire session. Our local feeder caretakers said they have never seen this much activity on the feeders. Perhaps this is due to our dry conditions so very few wildflowers are blooming this year. There were also a lot of juveniles (18 total) so perhaps the local numbers are greater due to newly fledged juveniles. We had 50 individual birds and 3 species, Broadtail, Rufous, and Calliope. One female Rufous had a CP of 8! We thought this was very unusual. Two other birds were thought to show some CP breed but it was determined to be fat instead. Two other fires have broken out in the area, so it became somewhat smoky by the end of the session. Thank you to all our great volunteers! We couldn't do the monitoring without you all. Those that keep the feeders full and the trappers that didn't tire of counting while the traps were closed for so much of the session. The recorder that went through a bit of pencil lead this session! And the ones who feed and release (the birds' favorite).

## IDAHO

**Date:** 7/31/2018

**Location:** IDAHO CITY

**Banding Team:** JESSICA POLLOCK, HEIDI WARE, AND KATIE POWELL

**Assistants:** Dave and Carol Wike, Barb Howard, Danette Henderson, Iris Henderson, Lucien, Jeremy, and Chris

**Time:** 6:30 – 11:30 AM

**Number of Visitors:**

**Session Remarks:** 7<sup>th</sup> session of 2018. First ever Broad-tailed Hummingbird trapped and banded. A hatch year female. Confirmed by multiple banders.

## MONTANA

**Date:** 7/25/2018

**Location:** MPG RANCH - FLOODPLAIN

**Banding Team:** ERIC RASMUSSEN

**Assistants:** Mary Scofield, Susan Nelson, and Kate Stone

**Time:** 6:07 – 11:07 AM

**Number of Visitors:** 8

**Session Remarks:** Bright and clear morning that warmed quickly after sunrise. Feeder activity was high right from the beginning of the session, and not long after the start we started a trap count. This was our first session with fledglings, and it was notably busier than previous sessions. We had a group of community visitors join us for the morning, and it was great to share the project with them. Today we recaptured one of first CAHU hummingbirds banded during the first year of banding on the MPG Ranch in May, 2016.





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**Date:** 7/31/2018

**Location:** MPG RANCH - MONTANE

**Banding Team:** ERIC RASMUSSEN

**Assistants:** Mary Scofield and Susan Nelson

**Time:** 6:07 – 11:07 AM

**Number of Visitors:** 0

**Session Remarks:** Warm morning with calm winds and high cirrus clouds. Feeder activity started steady but quickly dropped off, the last several hours were very slow. The temperature warmed rapidly as the sun rose, and briefly the winds picked up between 08:00 and 09:00. We recaptured the same young female RUHU three times this morning, and each time she seemed less and less surprised when the trap dropped. The vegetation has drastically dried out since last trapping session, and wildflower availability is significantly lower than previous sessions.

## NEW MEXICO

**Date:** 7/28/2018

**Location:** BANDELIER NATIONAL MONUMENT – PONDEROSA CAMPGROUND

**Banding Team:** LISA ROIG

**Assistants:** Joe Schmidt, Bob Loy, Bob Walker, Sarah Milligan, and Keegan Tranquillo

**Time:** 6:30 – 11:30 AM

**Number of Visitors:** 0

**Session Remarks:** We saw three species this session: broad-tailed, black-chinned, and rufous. Twenty of 56 birds captured were recaptures. Eleven hatch-year birds were banded, with juveniles of each of the three species being represented. Some juveniles presented complicated sex identification challenges; they just didn't follow all the rules! The weather was beautiful, calm and clear with a maximum temperature of 70 degrees Fahrenheit. The trap counts were very high, though not as high as the previous session. The monsoon season has finally arrived, bringing more wildflower blossoms, and we are enjoying seeing more birds sporting pollen.

## UTAH

**Date:** 7/30/2018

**Location:** ESCALANTE INTERAGENCY VISITOR CENTER

**Banding Team:** TERRY TOLBERT

**Assistants:** Frank Venuti and Kylea Christensen

**Time:** 6:18 – 11:18 AM

**Number of Visitors:** 16

**Session Remarks:** Migration is well under way. The most unusual event was that with 80 individuals there were no birds captured more than once during the session.



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**Date:** 7/31/2018

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

**Banding Team:** TERRY TOLBERT

**Assistants:** Frank Venuti and Kylea Christensen

**Time:** 6:23 – 11:23 AM

**Number of Visitors:** 1

**Session Remarks:** Activity has increased but not as much as ESC site.

**Date:** 8/1/2018

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

**Banding Team:** TERRY TOLBERT

**Assistants:** Frank Venuti and Kylea Christensen

**Time:** 6:28 – 11:28 AM

**Number of Visitors:** 12

**Session Remarks:** Hummingbird totals continue to be considerably higher than the previous years with a total of 53 individuals compared to 25 in 2017.