



# HMN Monitoring Summary

Session 15: 6 – 12 August 2020

## Regional Summaries

### ARIZONA

Wow, what a morning at Fort Huachuca—9 species, including female Calliope and Allen’s Hummingbirds, both rare appearances! It’s a migration morning at Harshaw Creek, with 101 birds captured and almost half of them with a lot of fat, even on their backs. Montezuma Castle had a welcome rush of birds early in the session, but things tapered off toward the end as usual. Not much other than agave was blooming around Paradise, but activity at the feeders had slowed down in the few days before the feeder watch. Nonetheless, Lucifer, Black-chinned, Rivoli’s, Broad-billed, Broad-tailed, Rufous, Calliope, Anna’s, and Blue-throated (Mountain-gem) Hummingbirds were observed.

### BRITISH COLUMBIA

Our season is nearing the end as the last few birds are heading out. Widgeon is reporting its final session for the season and Lumby is also seeing a substantial slow down. Congratulations and many thanks to these teams – they have managed to keep monitoring through covid – a remarkable achievement.

### COLORADO

Juvenile Broad-tailed and Rufous Hummingbirds were part of the catch during a very busy morning at Dunton. Black-chinned and Rufous Hummingbirds visited Mesa Verde this session and also were seen feeding on thistles nearby.

### MONTANA

The first juvenile Black-chinned Hummingbirds of the season were captured at the floodplain site, and the montane site had a surprisingly slow morning. The MPG Ranch team is concerned that weather may have impacted the Calliope Hummingbird nest success this year because fewer juveniles have been captured.

### NEW MEXICO

Nineteen migrating Rufous Hummingbirds were captured at Bandelier, which is the most captured in one session for this site!

### UTAH

There were 118 birds captured at Escalante! Surprisingly, only 4 of those were recaptures from previous years. Mostly Rufous Hummingbirds were captured at both Wildcat and Calf Creek.



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**TABLE 1.** Summary of captured or visiting hummingbirds and trapping information for the monitoring sessions on August 6 – 12, 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	
<b>Arizona</b>										
FH	9	0	88	6	15	717	295	12	3:23	
HC	5	1	101	5	30	885	0	11	3:54	
MOCA	2	0	10	0	0	47	45	0	0:00	
PA	-	-	-	-	-	-	-	-	-	
<b>British Columbia</b>										
LU	2	0	4	0	0	1	6	4	0:40	
WM	2	0	11	0	2	10	30	0	0:00	
<b>Colorado</b>										
MV	2	0	12	1	0	2	0	0	0:00	
DGS	3	0	39	6	12	614	0	5	3:45	
<b>Montana</b>										
MPGF	3	0	20	5	2	12	15	1	0:16	
MPGM	1	0	5	0	0	1	3	0	0:00	
<b>New Mexico</b>										
PCBNM	4	0	58	10	12	1692	634	10	3:06	
<b>Utah</b>										
CFCK	2	0	55	16	3	81	47	1	0:09	
ESC	4	0	118	16	4	227	295	4	0:57	
WCAT	2	0	23	5	2	23	94	0	0:00	



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**TABLE 2.** Number of individuals of each species captured on August 6 – 12, 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
<b>Arizona</b>																	
FH		1	45	12	10			2	1			4		11	2		88
HC			2	52	44					*				2	1		101
MOCA					9									1			10
PA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>British Columbia</b>																	
LU					2									2			4
WM			1											10			11
<b>Colorado</b>																	
MV					7									5			12
DGS								30	1					8			39
<b>Montana</b>																	
MPGF					13				4					3			20
MPGM									5								5
<b>New Mexico</b>																	
PCBNM					8			28	3					19			58
<b>Utah</b>																	
CFCK					16									39			55
ESC	1				84			1	1					31			118
WCAT								5						18			23



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## ARIZONA

**Date:** 8/8/2020

**Location:** HARSHAW CREEK, PATAGONIA MOUNTAINS

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

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

**Time:** 5:55 – 10:55 AM

**Number of Visitors:** 1

**Session Remarks:** The number of juveniles has increased to 44% of the population. There are more Broad-billed juveniles than adults now but there are twice as many adult Black-chinneds as there are juveniles. Almost half of all the birds captured have significant fat, including fat on their backs. On many fat birds, the spinal cord is no longer visible! Costa's are still seen at the site but were not captured this session. The captured adult female Anna's is in extremely fresh plumage. For the last two weeks, 2-3 Rufous are regularly seen but only two are captured today. It's our first real migration session. We appreciate the help of Gaby, Matt, Emily, and Birdy!

**Date:** 8/9/2020

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

**Banding Team:** LAURA DAVIS

**Assistants:** Laura Clawson, Birdy Johnson, Sara Jones, Alison Ochoa, and Dave Wood

**Time:** 5:34 – 10:34 AM

**Number of Visitors:** 0

**Session Remarks:** Our numbers today show we are experiencing fall migration. Traps were busy all morning! We had rare appearances of a female Calliope and a female Allen's. Today's effort resulted in 88 hummingbirds and 9 species. Fifteen hummingbirds (17%), all Anna's, were recaptures originally banded at Fort Huachuca on previous dates (2018, 2019, and 2020 [no banding was conducted in 2016 or 2017]). Species breakdown: Allen's (1 total: 1 female [F]), Anna's (45 total: 25 males [M], 20 F), Broad-billed (12 total: 5 M, 7 F), Black-chinned (10 total: 4 M, 6 F), Broad-tailed (2 total: 1 M, 1 F), Calliope (1 total: 1 F), Rivoli's (4 total: 3 M, 1 F), Rufous (11 total: 6 M, 5 F), and Violet-crowned (2 total: 2 unknown sex). Hatch-year hummingbirds accounted for 50% of the birds and consisted of 20 Anna's (17 M, 3 F), eight Broad-billed (4 M, 4 F), five Black-chinned (2 M, 3 F), 10 Rufous (6 M, 4 F), and one Violet-crowned (1 unknown sex). During this session, fat was observed on 23 hummingbirds (26%), pollen was observed on 20 hummingbirds (23%), and none of the 42 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:** 8/6/2020

**Location:** MONTEZUMA CASTLE NATIONAL MONUMENT

**Banding Team:** TINA GREENAWALT

**Assistants:** Philipp Wickey, Jasmine Scott, and Kate Hamedani

**Time:** 5:25 – 10:25 AM

**Number of Visitors:** 0

**Session Remarks:** We started off busier than normal with 7 birds captured in the first hour, but then slowed down with only 3 additional birds the rest of the session and none in the last 2.5 hours. We captured mostly juvenile BCHU today with one RUHU juvenile female.



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**Date:** 8/9/2020

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

**Banding Team:**

**Assistants:** Jackie Lewis

**Time:** 5:55 – 7:25 AM

**Number of Visitors:**

**Session Remarks:** Feeder watch. Tally of visits. I broke out juvenile males by plumage and adult females if they were banded. Broad-billed females could be juvenile or adult. Banded Black-chinned, Rivoli's, Broad-billed, and Broad-tailed are in the yard. LUHU: M=1; BCHU: M=29, Juv M=7, F/Juv=1083, F=8; RIHU: M=15, Juv M=6, F=5; BBLH: M=14, Juv M=12, F/Juv=4; BTLH: M=1, Juv M=1, F=1 (band xxx997 visible – assumed M28997 which was banded 6/16/19 as a juvenile female here in Paradise); RUHU: M=2, Juv M=3, F/Juv=3 (1 injured); CAHU: M=1, F/Juv=2; ANHU: M=1, F=2 (molting P6); BLUH: Juv M=1, juv F/F=2.

July 28 through 31 we went through most of a gallon of nectar a day. The last 4 days we've used less than 10 cups.

Although the numbers seem decent, we see a minimum of 4 birds and up to 12 birds at each of 5 feeders after around 10am. During the feeder watch I rarely had more than 3 birds on each of 2 feeders at the same time. There were many birdless minutes. The longest time with no birds at the feeders was 2 minutes.

Lucifer male, M66602, was in the yard most of last week. We had at least 3 and possibly 4 male Lucifer (determined by gorget & band) and 1 female Lucifer. There are often 4-5 adult male Rufous in the yard at the same time that were not playing during the feeder watch.

This week we had two different Anna's females (wing molt was different) and a juv male Anna's.

Agaves are blooming but very little else is blooming on the mountain.

## BRITISH COLUMBIA

**Date:** 8/8/2020

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

**Banding Team:** ELSE MIKKELSEN

**Assistants:** Miki Eslake, Rees Langereis, Uriel Garcilazo, Rebecca McMurray, Meghan O'Connell, and Roy WK Teo

**Time:** 5:52 – 10:52 AM

**Number of Visitors:** 0

**Session Remarks:** With Rufous Hummingbird numbers tapering off, this marks the last monitoring session of the season. Thank you to everyone who assisted in 2020. It was a very challenging year, and your dedication, diligence and care were much appreciated. Be safe, and I'll see you again next spring.



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Session 15: 6 – 12 August 2020

**Date:** 8/7/2020

**Location:** LUMBY

**Banding Team:** SUSAN LATIMER (bander, recorder, trap) AND LAURA MACPHERSON (bander, trap)

**Assistants:** Brittany Hammerl (recorder), Trish Disero (recorder, trap), Mark Hammerl (trapper), and Kent MacFarlane (trap count, trapper)

**Time:** 6:30 – 11:30 AM

**Number of Visitors:** 0

**Session Remarks:** A modified protocol was used due to Co-Vid19 requirements. Two people are trapping and just the two banders are handling the birds. One trap and one set of banding equipment assigned to each bander. Team 1: Mark and Susan were the trapper-bander team with Brittany recording. Team 2: Laura and Kent were the other team with Trish recording. Each team had a table and social distancing was in place. At 9:30 Mark and Brittany left and Susan took over Mark's trap as well as banding and recording if necessary. The number of birds at the feeders dropped dramatically about 2 days prior to banding and one day prior to the August 6-15 banding period resulting in a trap count of 7. 4 juveniles were captured and all 4 were banded: 2 Black-chinned juvenile females; 2 Rufous juveniles (1 male & 1 female). There are still flowers in bloom and it was overcast with calm-moderate wind but no rain during the banding session.

## COLORADO

**Date:** 8/12/2020

**Location:** MESA VERDE NATIONAL PARK

**Banding Team:** KAREN ORDEMANN

**Assistants:** Greg Ordemann and Hannah Ordemann

**Time:** 6:27 – 11:27 AM

**Number of Visitors:** 0

**Session Remarks:** A much slower session today. Although not many of the captured birds had pollen we observed many hummingbirds feeding on the thistles. Three of the birds were juveniles. A mixture of Blackchins and Rufous today.

**Date:** 8/10/2020

**Location:** DUNTON GUARD STATION

**Banding Team:** KAREN ORDEMANN

**Assistants:** Greg Ordemann, Hannah Ordemann, and Susan Sante

**Time:** 6:25 – 11:25 AM

**Number of Visitors:** 0

**Session Remarks:** It was a very busy session at Dunton today. The first drop of the traps captured 4 birds! One Calliope female showed up. Ten juveniles, 6 BTLH and 4 RUHU. There were definite signs of fattening up for migration. Very few birds had pollen so possibly why we had a lot of birds visiting the feeders. One BTLH AHY female had an injured, very swollen leg so no band was put on. It is starting to feel a bit like fall in the early morning. But, another beautiful day in the mountains.



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## MONTANA

**Date:** 8/7/2020

**Location:** MPG RANCH - FLOODPLAIN

**Banding Team:** ERIC RASMUSSEN

**Assistants:** Mary Scofield and Susan Nelson

**Time:** 6:29 – 11:45 AM

**Number of Visitors:** 0

**Session Remarks:** A warm morning with a moderate to gusty breeze and mostly clear skies that brought moderate hummingbird activity at the feeders. We captured our first juvenile BCHU's of the season, and a few migrating RUHU with high fat content. We have been surprised by the lower than usual juvenile CAHU captures this season, and wonder if the week of cold and wet weather we had earlier in the season disproportionately effected the CAHU nesting success. There are not many wildflowers remaining as most of the grasslands and wetlands are drying out for the end of the summer.

**Date:** 8/11/2020

**Location:** MPG RANCH - MONTANE

**Banding Team:** ERIC RASMUSSEN

**Assistants:** Mary Scofield

**Time:** 6:34 – 11:34 AM

**Number of Visitors:** 0

**Session Remarks:** A calm morning with very low hummingbird activity. We've captured only one juvenile CAHU at this site this season, and with quickly drying out wildflowers at high elevations we would have expected more activity than this. The low activity is surprising.

## NEW MEXICO

**Date:** 8/8/2020

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

**Banding Team:** LISA ROIG AND BOB LOY

**Assistants:** Joe Schmidt, Will Schmidt, and Beth Cortright

**Time:** 6:25 – 11:25 AM

**Number of Visitors:** 0

**Session Remarks:** Nineteen rufous hummingbird migrants were captured today. This is the highest one-day total of rufous hummingbirds that we have had since we started in 2015. Three calliope hummingbirds were captured. Nearly all of our recaptures were broad-tailed hummingbirds, except one black-chinned female first banded in 2016. Juveniles of all four species were banded. We continue to monitor with a minimum of volunteers under COVID -19 restrictions. Thank you, volunteers, for persevering through an unusual summer of banding!



# HMN Monitoring Summary

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## UTAH

**Date:** 8/11/2020

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

**Banding Team:** TERRY TOLBERT AND LISA YOUNG

**Assistants:** Frank Venuti, Connor Jones, Brita Granroth, Ethan Hammer, Maia Milligan, and Madison Lawrence

**Time:** 6:39 – 11:39 AM

**Number of Visitors:** 7

**Session Remarks:** Only two species during this session but busy for this time of year. This site had 71% RUHUs of the total captured.

**Date:** 8/10/2020

**Location:** ESCALANTE INTERAGENCY VISITOR CENTER

**Banding Team:** TERRY TOLBERT AND LISA YOUNG

**Assistants:** Frank Venuti, Connor Jones, Brita Granroth, Ethan Hammer, Maia Milligan, and Madison Lawrence

**Time:** 6:11 – 11:11 AM

**Number of Visitors:** 6

**Session Remarks:** Very few returning individuals previously banded with only 4 of the 118 total. This site had only 26% RUHUs of the total captured.

**Date:** 8/12/2020

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

**Banding Team:** TERRY TOLBERT AND LISA YOUNG

**Assistants:** Frank Venuti, Connor Jones, Brita Granroth, Ethan Hammer, Maia Milligan, and Madison Lawrence

**Time:** 6:53 – 11:53 AM

**Number of Visitors:** 4

**Session Remarks:** Site is slowing down as only 5 BTLHs of the 23 total were captured. RUHUs made up the remaining 78% of the total captured.