



HMN Monitoring Summary

Session 16: 20 – 26 August 2020

Regional Summaries

ARIZONA

Fall migration continued at Fort Huachuca with 85 hummingbirds and 7 species captured; and most birds had some fat, were females, and almost half were juveniles. Harshaw Creek, too, was in the middle of migration with increased species richness and abundance from last session. A very busy morning at the feeders in Paradise—2,987 visits in 1.5 hours! See the George Walker House Facebook page for a video of the action. The Montezuma Castle team also did a feeder watch this session. It was a busier morning with Black-chinned and Rufous Hummingbirds observed, and the team was wishing they could have banded.

BRITISH COLUMBIA

This is our last report for the 2020 season. Most of our migratory birds have left and there are just a few coming through. For a season finale, the Lumby team caught their first ANHU. While numbers have been increasing throughout the interior of the province, these birds are not common this far north. A lovely end to a very challenging season. Congratulations and many thanks to both the Widgeon and Lumby teams for making it happen this year.

COLORADO

It was the last session of the year for the Dunton team, and they captured 17 birds that were mostly Broad-tailed Hummingbirds and juveniles. Way to hang in there this year team! A busier morning at Mesa Verde than Dunton as migration through the area continued. The Rufous, Calliope, Broad-tailed, and Black-chinned Hummingbirds that were captured all had fat and the majority were juveniles.

MONTANA

Hazy skies at both sites this session as wildfires burned nearby. There was little activity at the floodplain site, but 4 birds, mostly juveniles, of 3 species were captured. This was the last session for the montane site, and unfortunately, no birds were captured.

NEW MEXICO

The Bandelier team captured 50 birds total, many molting, and 26 juveniles from the four common species at the site (Broad-tailed, Black-chinned, Rufous, and Calliope Hummingbirds).

UTAH

Migration continued at Calf Creek and Escalante with 137 birds, mostly juveniles, between the two sites, and migration was winding down at Wildcat with only 7 birds.



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TABLE 1. Summary of captured or visiting hummingbirds and trapping information for the monitoring sessions on August 20 – 26, 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	
Arizona										
FH	7	0	85	5	6	2244	283	13	4:00	
HC	6	1	87	2	17	3200	0	9	4:11	
MOCA	-	-	-	-	-	-	-	-	-	
PA	-	-	-	-	-	-	-	-	-	
British Columbia										
LU	3	0	5	0	0	38	14	5	0:52	
Colorado										
MV	4	0	31	2	0	210	0	3	2:36	
DGS	3	0	17	1	1	7	3	0	0:00	
Montana										
MPGF	3	0	4	1	0	0	1	0	0:00	
MPGM	0	0	0	0	0	0	0	0	0:00	
New Mexico										
PCBNM	4	0	50	17	11	109	14	2	0:29	
Utah										
CFCK	3	0	58	22	2	422	172	9	1:03	
ESC	4	0	79	12	1	545	148	11	1:28	
WCAT	3	0	7	3	0	4	16	0	0:00	



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TABLE 2. Number of individuals of each species captured on August 20 – 26, 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
Arizona																	
FH			23	5	27			6	3			2		19			85
HC			6	31	34			3	*					12	1		87
MOCA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
British Columbia																	
LU			1						3					1			5
Colorado																	
MV					3			4	5					19			31
DGS								13	1					3			17
Montana																	
MPGF					1				1					2			4
MPGM																	0
New Mexico																	
PCBNM					16			22	6					6			50
Utah																	
CFCK					20			3						35			58
ESC					51			1	3					24			79
WCAT					1			1						5			7



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ARIZONA

Date: 8/22/2020

Location: HARSHAW CREEK, PATAGONIA MOUNTAINS

Banding Team: SUSAN WETHINGTON AND LEE ROGERS

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

Time: 5:55 – 10:55 AM

Number of Visitors: 1

Session Remarks: Migration is definitely in full swing! Species richness and total abundance of birds are up since last session. Migrant species include Broad-tailed, Calliope, and Rufous. Broad-billed have decreased in numbers and Black-chinned are not as abundant as expected. It's a great year-over 70% birds have significant fat! What a fun morning.

Date: 8/23/2020

Location: PUBLIC AFFAIRS OFFICE, FORT HUACHUCA

Banding Team: LAURA DAVIS

Assistants: Laura Clawson, Kaleena Cook, Birdy Johnson, Sara Jones, and Dave Wood

Time: 5:42 – 10:42 AM

Number of Visitors: 0

Session Remarks: Our numbers today show we are still experiencing fall migration. Hummingbirds were at the traps all morning with multiple birds captured in single trap drops. Trappers were on count mode for a total of 4 hours while the captured hummingbirds were processed. Calliopes were captured for the third session in a row. Today's effort resulted in 85 hummingbirds from 7 species: 23 Anna's, 5 Broad-billed, 27 Black-chinned, 6 Broad-tailed, 3 Calliope, 2 Rivoli's, and 19 Rufous. Six hummingbirds (7%) were originally banded at Fort Huachuca on previous dates (2018, 2019, and 2020 [no banding was conducted in 2016 or 2017]). Females (50) outnumbered males (35) by a ratio of 10:7. Hatch-year hummingbirds accounted for 46% of the birds. During this session, fat was observed on 70 hummingbirds (82%), pollen was observed on 11 hummingbirds (13%), and none of the 50 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: 8/20/2020

Location: MONTEZUMA CASTLE NATIONAL MONUMENT

Banding Team:

Assistants: Kate Hamedani and Jasmine Scott

Time: 7:15 – 8:45 AM

Number of Visitors: 0

Session Remarks: We weren't able to have a normal banding session this week so we did a feeder watch instead. I wish we could have banded because there was probably more bird activity then we've seen all season. We had both RUHU and BCHU present.



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Date: 8/23/2020

Location: THE GEORGE WALKER HOUSE, PARADISE, CHIRICAHUA MOUNTAINS

Banding Team:

Assistants: Jackie Lewis and Winston Lewis

Time: 5:52 – 7:22 AM

Number of Visitors:

Session Remarks: Feeder watch. Tally of visits. Holy cow – what a day! I ended up having to hang double feeders on the HMN banding poles. That gave a total of 32 ports in which the birds could feed at the feeders Winston watched and 32 ports at the feeders Jackie watched.

Lucifer, Blue-throated and Rivoli's were the only species broken out. Lucifer and Blue-throated could be identified to sex and age but the Rivoli's were grouped together as species only. All other species seen were grouped together for the visits as there were too many to try to break down to species, let alone age and sex.

We had 9 species: Anna's, Black-chinned, Blue-throated, Broad-billed, Broad-tailed, Calliope, Lucifer, Rivoli's and Rufous. All had adult male, adult female and juveniles represented.

Recorded visits are: LUHU M – 5, LUHU F – 1, LUHU juv M – 1; BLUH M – 1; RIHU – 236; all other species: 2,743.
Total visits for the 1.5 hours: 2,987

We had been going through close to 2 gallons of nectar a day for the week before this monitoring date. During the 1.5 hour feeder watch 5 cups of nectar was consumed. Our visit totals seem very high but when I looked at a couple different sites for how much nectar a hummingbird consumes per day, the visits counted seem a little low. The Nancy Newfield and Bob and Martha Sargent, who work with Ruby-throated hummingbirds figure each hummingbird consumes about 0.46 oz per day with 5-8 visits per hour. Counting 12 hours with 5 visits per hour a hummingbird would consume approximately 0.007 ounce per visit. The 80 ounces consumed over 1.5 hours by 2987 visits broke out to 0.27 ounce per visit which is 4 times higher than the Shephard's equation. Interesting to compare but surely lacking in any scientific accuracy.

I wish I could upload the video I took during the feeder watch and send it over the internet to email accounts, but it is too large. I'm going to load it to the George Walker House Facebook page as well as my page to show what was happening during our session.



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BRITISH COLUMBIA

Date: 8/20/2020

Location: LUMBY

Banding Team: SUSAN LATIMER (bander, recorder, trap)

Assistants: Mark Hammerl (trapper) and Laura MacPherson (trap count)

Time: 6:00 – 11:00 AM

Number of Visitors: 0

Session Remarks: A modified protocol was used due to Co-Vid19 requirements. Susan decided to run a small crew because there were not a lot of birds. The session started early at 0600 to try and avoid wasp activity as much as possible, although there were a few problems with not enough light until about 0630. The wasps didn't become really active and annoying until about the last hour. The session started with Susan (banding) and Mark (trapper/count) and Laura (trap count). Laura had to leave at 0815 and Mark continued to trap/count at his trap and counted birds at Laura's trap. Mark left at 0900 at which time Susan took over trap/count at his trap and counting only at Laura's. In hindsight Susan thought she should have had another person as there were more birds than expected and she would have been able to catch and trap but unfortunately the 3 birds she saw all fed at Laura's trap

The total trap count was 38 with 5 birds captured and 4 birds banded – 2 CAHU juvenile females, 1 RUHU juvenile unknown sex and 1 bird that was identified it as an adult female ANHU. Although there have been confirmed sightings of a few adult male ANHUs in our area during the winter, this is the first capture of an ANHU by the banding team at this site.

Flowers are still in bloom and it was overcast with calm-light wind.

COLORADO

Date: 8/26/2020

Location: MESA VERDE NATIONAL PARK

Banding Team: KAREN ORDEMANN

Assistants: Bill Ordemann and Greg Ordemann

Time: 6:29 – 11:29 AM

Number of Visitors: 1

Session Remarks: Today started out remarkably busy with multiple birds trapped at once. All birds required bands so, it seemed to be all migrants today. As the morning progressed the birds slowed down. There were 23 juveniles today. The majority of the birds were Rufous but we also captured 5 Calliope, a few Broadtails and a few Blackchins. All birds had some fat and only a few showed any pollen. This will most likely be our last session of the season. Thank you to the park staff for maintaining the feeders.



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Session 16: 20 – 26 August 2020

Date: 8/25/2020

Location: DUNTON GUARD STATION

Banding Team: KAREN ORDEMANN

Assistants: Bill Ordemann, Mike Ordemann, and Susan Sante

Time: 6:34 – 11:34 AM

Number of Visitors: 0

Session Remarks: Today was a much slower session. A few Rufous were at the feeders early but later only Broadtails showed up with one Calliope. The majority of the birds were juveniles and most birds had some fat. We did not have any adult males, so they have probably already headed south. This will most likely be our last session this year. Thank you to our volunteers who maintained the feeders during these strange times. And to all of our volunteers who were there in spirit, I hope next summer will allow us to utilize their assistance!

MONTANA

Date: 8/20/2020

Location: MPG RANCH - FLOODPLAIN

Banding Team: ERIC RASMUSSEN

Assistants: Mary Scofield and Susan Nelson

Time: 6:29 – 11:29 AM

Number of Visitors: 0

Session Remarks: It was a warm and calm morning with hazy high clouds. There was very little hummingbird activity all morning. We captured mostly juveniles this morning. The landscape has pretty much dried up and there are very little nectar sources out and about now.

Date: 8/26/2020

Location: MPG RANCH - MONTANE

Banding Team: ERIC RASMUSSEN

Assistants:

Time: 6:16 – 11:16 AM

Number of Visitors: 0

Session Remarks: It was breezy and cloudy with haze from forest fires nearby. VERY dry up here and most plants and shrubs are dry and brittle. Other local passerines were very active in the trees. Last session for high site.



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NEW MEXICO

Date: 8/22/2020

Location: BANDELIER NATIONAL MONUMENT – PONDEROSA CAMPGROUND

Banding Team: LISA ROIG AND BOB LOY

Assistants: Joe Schmidt and Zoe Moffet

Time: 6:54 – 11:54 AM

Number of Visitors: 0

Session Remarks: We captured 26 juvenile hummingbirds, from all four species (broad-tailed, black-chinned, rufous and calliope). The eleven recaptures were broad-tailed and black-chinned females. Many birds had heavy molt in the head and body, which is unusual for our site. Trap counts were much lower today than previous sessions, but steady enough to keep us banding for all five hours. Several deer meandered near the site during banding. Thank you to Zoe, Joe and Bob!

UTAH

Date: 8/25/2020

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

Banding Team: TERRY TOLBERT

Assistants: Frank Venuti, Connor Jones, and Maia Milligan

Time: 6:47 – 11:47 AM

Number of Visitors: 0

Session Remarks: Migration continues with a little less birds than in town with a total of 58. 71% of these were juveniles. Two adult female BCHUs returned previously banded.

Date: 8/24/2020

Location: ESCALANTE INTERAGENCY VISITOR CENTER

Banding Team: TERRY TOLBERT

Assistants: Frank Venuti, Connor Jones, and Maia Milligan

Time: 6:35 – 11:35 AM

Number of Visitors: 0

Session Remarks: Migration continues with good numbers and a total of 79. Fifty-nine were juveniles. Most adults were female BCHUs. Only one returning previously banded.



HMN Monitoring Summary

Session 16: 20 – 26 August 2020

Date: 8/26/2020

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

Banding Team: TERRY TOLBERT

Assistants: Frank Venuti, Connor Jones, and Maia Milligan

Time: 6:57 – 11:57 AM

Number of Visitors: 6

Session Remarks: Migration winding down at this high elevation site. Only 7 individuals with only three of those returning the same day.