



# HMN Monitoring Summary

Session 9: 14 – 20 May 2020

## Regional Summaries

### ARIZONA

Fort Huachuca is back online---44 hummingbirds and 6 species! A very slow morning for Harshaw Creek. Another feeder watch full of Black-chinned at Montezuma Castle, and also a feeder watch at Paradise with 5 species observed.

### BRITISH COLUMBIA

Birds are breeding throughout BC. Widgeon Marsh is still experiencing better numbers, with many gravid females. Lumby continuing with a modified protocol because of Covid restrictions. They continue to have good numbers and the black-chins have arrived in the North Okanagan.

### COLORADO

Mesa Verde was able to start up this session with bander and family running the show. They captured mostly Black-chinned Hummingbird females, and several of those females were gravid.

### IDAHO

No banding in May

### MONTANA

Good numbers this session for MPG Ranch, plus two CAHU female recaps from their first year—and captured every year since.

### NEW MEXICO

Bandelier is up and running this session but with a modified protocol and only family and banders present. Migration came early this year, and mostly males of Broad-tailed and Black-chinned Hummingbirds were captured along with 2 gravid females.

### UTAH

All of the Utah sites are reporting this session. Most of the birds captured at Escalante were males, and most of the females captured at Calf Creek and Wildcat were gravid.



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**TABLE 1.** Summary of captured or visiting hummingbirds and trapping information for the monitoring sessions on May 14 – 20, 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	6	0	44	2	11	36	51	1	0:09	
HC	3	0	5	0	3	6	21	0	0:00	
MOCA	-	-	-	-	-	-	-	-	-	
PA	-	-	-	-	-	-	-	-	-	
SWRS	-	-	-	-	-	-	-	-	-	
<b>British Columbia</b>										
LU	3	0	23	0	2	1392	138	20	1:25	
WM	1	0	48	9	19	59	165	1	0:13	
<b>Colorado</b>										
MV	2	0	34	16	14	142	0	1	0:41	
<b>Montana</b>										
MPGF	2	1	20	2	1	3	7	0	0:00	
MPGM	1	0	11	2	7	1	7	0	0:00	
<b>New Mexico</b>										
PCBNM	2	0	58	5	20	3299	861	16	3:37	
<b>Utah</b>										
CFCK	2	0	11	0	5	2	34	0	0:00	
ESC	1	0	13	2	8	3	32	0	0:00	
WCAT	1	0	19	1	6	4	13	0	0:00	



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**TABLE 2.** Number of individuals of each species captured on May 14 – 20, 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			21	6	11						1	4			1		44
HC			2	2	1												5
MOCA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SWRS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
British Columbia																	
LU					3				10					10			23
WM														48			48
Colorado																	
MV					29			5									34
Montana																	
MPGF					3				17					1*			20
MPGM									11								11
New Mexico																	
PCBNM					15			43									58
Utah																	
CFCK					10			1									11
ESC					13												13
WCAT								19									19



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## ARIZONA

**Date:** 5/16/2020

**Location:** HARSHAW CREEK, PATAGONIA MOUNTAINS

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

**Assistants:** None

**Time:** 5:35 – 10:35 AM

**Number of Visitors:** 0

**Session Remarks:** Hummingbird numbers have dropped even more. It's a slow morning! Five birds captured, all male with one juvenile male Anna's.

**Date:** 5/17/2020

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

**Banding Team:** LAURA DAVIS

**Assistants:** Laura Clawson, Dave Wood, and Birdy Johnson

**Time:** 5:15 – 10:15 AM

**Number of Visitors:** 0

**Session Remarks:** This was our first session since the COVID-19 Stay Home order expired. We had a productive session with 44 hummingbirds, 6 species: Anna's (21 total: 8 male and 13 female), Black-chinned (11 total: 4 male and 7 female), Broad-billed (6 total: 4 male and 2 female), Lucifer (1 female), Rivoli's (4 total: 3 male and 1 female), and Violet-crowned (1 unknown sex). Eleven hummingbirds (25%) were recaptures originally banded at Fort Huachuca on previous dates (2015, 2018, and 2019 [no banding was conducted in 2016 or 2017]). Hatch-year hummingbirds accounted for only 9% of the birds and consisted of four Anna's (2 male, 2 female). During this session, fat was not observed, pollen was observed on eight hummingbirds (18%), and six female hummingbirds were gravid (25% of the females). Many thanks to the Fort's Environmental and Natural Resources Division and the Public Affairs Office for supporting our program.

**Date:** 5/17/2020

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

**Banding Team:**

**Assistants:** Jackie Lewis

**Time:** 5:30 – 7:00 AM

**Number of Visitors:**

**Session Remarks:** Feeder Watch. (Note: these are visit tallies- not number of birds.) All adults. Broad-billed: male – 6, female 1; Black-chinned: male – 4, female – 32; Broad-tailed: male – 1, female – 3; Rivoli's: male – 6, female – 5; Blue-throated: male – 1, female – 1. Lucifer male was seen the evening before and morning after.



# HMN Monitoring Summary

Session 9: 14 – 20 May 2020

**Date:** 5/14/2020

**Location:** MONTEZUMA CASTLE NATIONAL MONUMENT

**Banding Team:**

**Assistants:** Philipp Wickey and Jasmine Scott

**Time:** 8:40 – 10:10 AM

**Number of Visitors:** 0

**Session Remarks:** We're still not able to start banding yet due to our parks being closed, volunteers not allowed in the parks, and lack of NPS staff. We were able to do a feeder watch. We only had BCHU this week and more female visits than males. Numbers were much higher this week compared to the last feeder watch two weeks ago. We're still having minor bee issues, but the peppermint oil seems to work for a short period of time.

**Date:**

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

**Banding Team:**

**Assistants:**

**Time:**

**Number of Visitors:**

**Session Remarks:** Banding cancelled because of pandemic restrictions.

## BRITISH COLUMBIA

**Date:** 5/14/2020

**Location:** LUMBY

**Banding Team:** SUSAN LATIMER

**Assistants:** Mark Hammerl (husband - trapper), Brittany Hammerl (daughter - recorder), and Laura MacPherson (trap count)

**Time:** 6:30 – 11:30 AM

**Number of Visitors:** 0

**Session Remarks:** A modified protocol was used due to Co-Vid19 requirements still being in effect. Four volunteers were present for the session – 1 bander, 1 recorder, 2 trap monitors. The bander, Susan, was available for the full 5 hours and the other volunteers were only available for the first 3 hours. Banding was done from 6:30 to 9:30 am then Susan took over the trap count for the remaining 2 hours when volunteers left. It was a very busy session with a trap count of 1,520 and often difficult to count when birds swarmed the feeders. More flowers were in bloom and more pollen was present on culmens. Most of the females showed some swelling of the vent. The birds were not as stressed this session although a few were released.

All 3 species were banded = 17 adult birds: 3 Black-chinned (3 males); 7 Calliope (4 males & 3 females); 7 Rufous (2 males & 5 females).

Returning individuals = 2 Rufous: 1 male (banded May 19, 2018); 1 female (banded June 29, 2019).



# HMN Monitoring Summary

Session 9: 14 – 20 May 2020

**Date:** 5/16/2020

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

**Banding Team:** ROY WK TEO

**Assistants:** Cassandra Merkens, Markus Merkens, Meghan O'Connell, and Samantha Horacsek

**Time:** 5:30 – 10:30 AM

**Number of Visitors:** 0

**Session Remarks:** Rufous hummingbird abundance has steadily increased in the past two weeks. Of the birds captured, 75% were females (36/48) and 25% were males. Nearly two-thirds (22/36) of the females captured were gravid, with nearly half of them in advanced stages of egg development. Three-quarters the females possessed fat, whereas none of the males had any fat reserves.

A sudden drop in temperature half way through the third hour of monitoring, followed by light showers, lead to an influx of birds to the feeders. Consequently, we had to tally for 13 minutes, which allowed the birds to feed at the feeders. It was evident that the male RUHUs struggled in the cold, and a few had to be released without fully processing the birds.

Most of the salmonberry blossoms, which were abundant two weeks ago, are pretty much gone now. Instead, they're being replaced by thimbleberry, Pacific crabapple, and red-osier dogwood flowers. Other plants in bloom include black hawthorns, Pacific bleeding hearts, Nootka roses, meadow buttercup, Pacific dogwood, red elderberry, *Sorbus spp.*, European horse-chestnut, bugleweed, dame's rocket, Scotch broom, lilac (cultivar), Saucer magnolia (cultivar), and rhododendron (cultivar).

## COLORADO

**Date:** 5/20/2020

**Location:** MESA VERDE NATIONAL PARK

**Banding Team:** KAREN ORDEMANN

**Assistants:** Bill Ordemann and Mike Ordemann

**Time:** 6:44 – 11:44 AM

**Number of Visitors:** 0

**Session Remarks:** Our first session during the COVID-19 pandemic was interesting and productive. Due to CDC regulations we only used my family unit to monitor today. The birds were very busy early and then we had a lot of revisits. There were 29 Blackchin of which 23 were females and 5 Broadtail of which 2 were females. 8 of the females were with egg. Only a few had signs of pollen. It was a beautiful day in the park and very quiet with no visitors. We hope we will be able to utilize our volunteer crew again soon! A big thank you to our park employees, Nathan and Drew, for getting everything set up and keeping the feeders filled.



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## IDAHO

**Date:**

**Location:** IDAHO CITY

**Banding Team:**

**Assistants:**

**Time:**

**Number of Visitors:**

**Session Remarks:** Due to Covid, we will not be banding on any day in May 2020. We hope to have our first banding day of 2020 on June 2.

## MONTANA

**Date:** 5/14/2020

**Location:** MPG RANCH - FLOODPLAIN

**Banding Team:** ERIC RASMUSSEN

**Assistants:** Mary Scofield and Susan Nelson

**Time:** 7:01 AM – 12:01 PM

**Number of Visitors:** 0

**Session Remarks:** It was a cool morning that warmed quickly with mostly sunny skies and a beautiful sunrise. Hummingbird activity was fairly consistent all morning, tapering off as the temperatures warmed. We captured our first BCHU's of the season this morning, all males, and a good mixture of male and female CAHU. We had only one recaptured individual that was originally banded in 2018, all the rest were new bands which was slightly surprising. We had a few females showing signs of breeding. Golden currant is in full bloom and widespread around the ranch.

**Date:** 5/19/2020

**Location:** MPG RANCH - MONTANE

**Banding Team:** ERIC RASMUSSEN

**Assistants:** Mary Scofield and Susan Nelson

**Time:** 7:01 AM – 12:01 PM

**Number of Visitors:** 0

**Session Remarks:** It was a cold morning that had forecasted heavy rains, but we lucked out with dry skies throughout the session. Hummingbird activity was slow to start and sporadic, and majority of visitors to the traps were female CAHU showing signs of breeding. We had a few notable recaptures of individuals banded in 2016, 2017 and 2018 at this location. Two females were banded at this site in 2016 and have now been recaptured every year since! The wildflowers currently blooming include Glacier Lily, Indian Paintbrush, Balsamroot, Currant, and Waterleaf.



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Session 9: 14 – 20 May 2020

## NEW MEXICO

**Date:** 5/17/2020

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

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

**Assistants:** Joe Schmidt and Will Schmidt

**Time:** 6:00 – 11:00 AM

**Number of Visitors:** 0

**Session Remarks:** The protocols for this first banding session of 2020 were modified to adapt to coronavirus restrictions in the National Park and in NM. The number of volunteers was kept to a minimum and social distancing measures were put in place. Because of low manpower, we changed the trap count protocol. We did a dedicated 5 minute trap count on each trap once per hour. We still kept track of time not trapping (“trap count”) so that we could estimate trap totals by calculating (birds per minute) x (time not trapping) for each hour, then summing the hourly estimates.

We have had a very early and active hummingbird migration this year. Male hummingbirds showed up in great numbers in April, which usually has only a few early migrants. On banding day, 26 of 43 broad-tailed captures were males, and 11 of 15 black-chinned captures were males. Twenty of the 58 captures were recaptures from previous years. Three of the broad-tailed male recaptures were first banded as adults in 2016, making them at least 5 years old. We were surprised to capture both M28114 and M28115 within minutes of each other, both of whom were first banded May 18, 2019. But the real surprise is that M28114 is a male black-chinned, while M28115 is a male broad-tailed. Cross-species traveling buddies? We processed one gravid black-chinned female and one gravid broad-tailed female. We released on broad-tailed female because she looked ready to lay. Breeding and nesting seem to be starting earlier this year, perhaps because of a mild spring, without the early-May snow we sometimes have in northern NM.

The banding team consisted of members of the Roig/Schmidt family, plus Bob Loy, our bander-trainee. Thank you, faithful volunteers!

## UTAH

**Date:** 5/19/2020

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

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

**Assistants:** Frank Venuti, Maia Milligan, and Madison Lawrence

**Time:** 6:27 – 11:27 AM

**Number of Visitors:** 1

**Session Remarks:** Four of the six females were gravid. One BTLH and the rest (10) were BCHU.





# HMN Monitoring Summary

Session 9: 14 – 20 May 2020

**Date:** 5/18/2020

**Location:** ESCALANTE INTERAGENCY VISITOR CENTER

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

**Assistants:** Frank Venuti, Maia Milligan, and Madison Lawrence

**Time:** 6:12 – 11:12 AM

**Number of Visitors:** 2

**Session Remarks:** Twelve of the thirteen individuals captured were males. All BCHU. Some individuals with pink pollen.

**Date:** 5/20/2020

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

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

**Assistants:** Frank Venuti, Madison Lawrence, and Maia Milligan

**Time:** 6:52 – 11:52 AM

**Number of Visitors:** 0

**Session Remarks:** Cold session with half of the females being gravid. All BTLHs captured.