



# HMN Monitoring Summary

Session 12: 27 June – 3 July, 2019

## Regional Summaries

### ARIZONA

Mount Lemmon had a steady stream of birds coming into the feeders and a surprising number of juvenile Broad-tailed Hummingbirds. Harshaw Creek had a busy session with 80 birds, including juveniles, gravid females, and birds molting. Fort Huachuca captured 59 hummingbirds of 4 species this session, most of which were juveniles. Montezuma Castle captured their first juvenile Black-chinned Hummingbird of the season. The July Doldrums have started in the Chiricahuas; only 19 birds were captured between the Southwestern Research Station and Paradise.

### BRITISH COLUMBIA

The interior of BC is back in action and on the coast, the birds are on the move. Francis King, which is a breeding site on Vancouver Island and away from the water, is quiet and banding has finished for the year. On the mainland, Widgeon Marsh in the east Fraser Valley has had a considerable uptick in movement. Our late season, high elevation coastal site, Grouse Mountain, has also started reporting. It is interesting to watch the general increase in Anna's being found here year over year. The first juveniles are being seen in the interior now.

### COLORADO

Dunton had busy feeders at the beginning of the session, but activity slowed as the session continued; volunteers captured mostly male Broad-tailed Hummingbirds. Pingree Park captured more males than females this session like Dunton, but feeders stayed busy through the entire session. Another slow day for Mesa Verde; they only captured 2 Black-chinned Hummingbirds.

### IDAHO

Session cancelled due to logistical complications

### MONTANA

The floodplain site captured 12 hummingbirds, Black-chinned and Calliope, along with 12 visitors this session. The montane site captured 16 Calliope, including a female that has been captured 4 years in a row, and also observed a Rufous.

### NEW MEXICO

Abundant wildflowers in the area were attracting hummingbirds, so the capture rate at Bandelier's feeders was slow for most of the session.

### UTAH

The Utah sites continue to have low numbers. Escalante saw a slight increase in activity, Calf Creek captured its first Broad-tailed Hummingbird of the year, and Wildcat captured its first Rufous Hummingbirds of the year.



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**TABLE 1.** Summary of captured or visiting hummingbirds and trapping information for the monitoring session on June 27 – July 3, 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	
<b>Arizona</b>										
HC	4	1	80	8	42	25	68	0	0:00	
FH	4	1	59	5	5	58	71	1	0:15	
ML	3	0	69	10	23	25	75	0	0:00	
MOCA	1	0	4	0	1	9	32	0	0:00	
PA	2	2	9	1	2	5	109	0	0:00	
SWRS	3	0	10	1	5	4	50	0	0:00	
<b>British Columbia</b>										
GM	2	0	10	0	1	7	18	0	0:00	
LU	3	0	34	4	3	153	381	15	1:34	
RO	3	0	20	3	3	163	88	19	3:20	
WM	2	0	82	26	10	49	229	0	0:00	
<b>Colorado</b>										
DGS	2	0	33	8	18	42	15	2	0:42	
MV	1	1	2	0	0	6	2	0	0:00	
PP	1	1	37	0	10	1988	660	11	4:06	
<b>Idaho</b>										
IC	-	-	-	-	-	-	-	-	-	
<b>Montana</b>										
MPGF	2	0	12	0	1	7	6	0	0:00	
MPGM	1	1	16	1	6	10	30	0	0:00	
<b>New Mexico</b>										
PCBNM	2	0	29	4	12	18	0	1	0:06	
<b>Utah</b>										
CFCK	2	0	5	0	3	2	55	0	0:00	
ESC	1	1	10	4	3	5	91	0	0:00	
WCAT	3	0	8	1	3	5	59	0	0:00	



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**TABLE 2.** Number of individuals of each species captured on June 27 – July 3, 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
<b>Arizona</b>																	
FH			29	5	23							*		2			59
HC			3	44	29					4					*		80
ML			4					63				2					69
MOCA					4												4
PA				1	8			*				*					9
SWRS					7		2					1					10
<b>British Columbia</b>																	
GM			3											7			10
LU					1				16					11			28
RO					2				15					3			20
WM			2											80			82
<b>Colorado</b>																	
DGS					1			32									33
MV					2												2
PP								37						*			37
<b>Idaho</b>																	
IC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Montana</b>																	
MPGF					6				6								12
MPGM									16					1*			16
<b>New Mexico</b>																	
PCBNM					14			15									29
<b>Utah</b>																	
CFCK					4			1									5
ESC					10												10
WCAT					1			5						2			8



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## ARIZONA

**Date:** 6/29/2019

**Location:** HARSHAW CREEK, PATAGONIA MOUNTAINS

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

**Assistants:** Gary Romig

**Time:** 5:42 – 10:42 AM

**Number of Visitors:** 0

**Session Remarks:** Three species (Anna's, Costa's, and Broad-billed) are molting at this site. We capture a juvenile from 3 species: Black-chinned, Broad-billed, and Anna's. And 3 females are gravid: 2 Broad-billed and 1 Black-chinned. Interestingly, both gravid Broad-billed females have begun molting their primaries. It's a steady active day. We appreciate the help of Gary Romig, a long-time volunteer. Having seasoned help makes an 80 bird day easy. And yes, the flowers are being visited. This week, *Penstemon Barbatus* is the plant with the most number of nearby flowers. And yes, there's lots of visits.

**Date:** 6/30/2019

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

**Banding Team:** SUSAN WETHINGTON AND MICHELE LANAN

**Assistants:** Elaine Moisan, Alina Downer, Henry Ennberger, and Paige Hetley

**Time:** 5:41 – 10:41 AM

**Number of Visitors:** 8

**Session Remarks:** Oh what a difference 2 weeks make. Again a repeating pattern of the big Father's day session being followed by the July Doldrums. Today we capture 10 birds, most are Black-chinned females. It's a quiet morning. The first for this season. Thanks to staff and volunteers of SWRS for their continued help.

**Date:** 6/30/2019

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

**Banding Team:** LAURA DAVIS

**Assistants:** Laura Clawson, Karen Gravely, Birdy Johnson, Glorian Berrien White Turoff, Dan Weisz, and Dave Wood

**Time:** 5:11 – 10:11 AM

**Number of Visitors:** 5

**Session Remarks:** We had four species, 59 hummingbirds: Anna's (29), Black-chinned (23), Broad-billed (5), and Rufus (2). Rivoli's was observed, but not captured. Five hummingbirds (8%) were recaptures from previous dates (2013, 2018, and 2019 [no banding was conducted in 2016 or 2017]). We had a total of 31 males, 28 females. Thirty hatch-year hummingbirds were banded today: 15 male and 7 female Anna's, one male and one female Broad-billed, and three male and three female Black-chinned. Breeding condition was observed for four Black-chinned (5 thru 8) and one Broad-billed (8). Pollen was observed on seven hummingbirds (11%). Many thanks to the Fort's Environmental and Natural Resources Division and the Public Affairs Office for supporting our program.



# HMN Monitoring Summary

Session 12: 27 June – 3 July, 2019

**Date:** 6/27/2019

**Location:** MONTEZUMA CASTLE NATIONAL MONUMENT

**Banding Team:** WADE GURLEY

**Assistants:** Sage Bylin, Steve Cunningham, Heidi Cunningham, and Kirsten Fuller

**Time:** 5:05 – 10:05 AM

**Number of Visitors:** 2

**Session Remarks:** We captured our first juvenile BCHU of the year, otherwise we had a slow, easy day.

**Date:** 6/30/2019

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

**Banding Team:** LEE ROGERS

**Assistants:** Jackie Lewis, Winston Lewis, Debb Johnson, Bud Johnson, Carroll Hemingway, and Helen Vogel

**Time:** 5:30 – 10:30 AM

**Number of Visitors:** 0

**Session Remarks:** And the July doldrums have begun. 4 of 9 birds in hand were juvenile Black-chinned. 2 birds with yellow pollen and 1 with white. 2 with breeding CP numbers. Recaptured Broad-billed male was a juvenile in 2016 and has been captured 5 times following the initial banding here in Paradise. The Black-chinned recapture was banded by Susan Wethington at the Southwest Research Station on 6/17/19. It was nice to have Winston on the team again.

**Date:** 6/27/2019

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

**Banding Team:** SUSAN WETHINGTON

**Assistants:** Casilda Quinones, Annie Nequette, and Gabriela Samaniego

**Time:** 5:31 – 10:31 AM

**Number of Visitors:** 0

**Session Remarks:** It's a steady busy morning with birds continuing to enter the traps throughout the 5 hours. The surprise of the day is the abundance of juvenile Broad-tailed. We capture 10 juveniles: 8 juvenile Broad-tailed and 2 juvenile Anna's. And there are 11 gravid adult female Broad-tailed. It's a fun morning. This seems like the beginning of the second clutch. Thanks to all! It was a fun morning.

## BRITISH COLUMBIA

**Date:**

**Location:** FRANCIS KING REGIONAL PARK, VICTORIA

**Banding Team:**

**Assistants:**

**Time:**

**Number of Visitors:**

**Session Remarks:** Finished for the season



# HMN Monitoring Summary

Session 12: 27 June – 3 July, 2019

**Date:** 7/3/2019

**Location:** GROUSE MOUNTAIN

**Banding Team:** DEVIN MANKY

**Assistants:** Jane Paddon, Peter Scott, Sharon Cocomile, Deborah Markle, Joanne Doubrava, Kim Barrett, Tanya Hauswald, and Tracey Dennis

**Time:** 6:00 – 11:00 AM

**Number of Visitors:** 0

**Session Remarks:** After a few banding cancellations due to weather we finally got a session in for this banding window. We were seeing lots of birds this past week when the weather was sunny but yesterday the rain came again and today was still cold and overcast and we captured a reduced number of birds because of this. A really reduced number of Anna's and I suspect this is due to the weather here. Of particular note was a retrapped adult Female Anna's who was originally banded in 2016. Thanks to the volunteers who made it out early into the clouds!

**Date:** 6/29/2019

**Location:** LUMBY

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

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

**Time:** 5:35 – 10:35 AM

**Number of Visitors:** 0

**Session Remarks:** After a lull for our last 2 banding sessions during the wildflower bloom, the birds are back at the feeders. We had a total trap count of 534 birds with only adult females captured and 28 were banded (1 Black-chinned, 16 Calliopes and 11 Rufous). The highlight was banding the adult female Black-chinned 15 minutes before the end of the session. An adult male Rufous and an adult male Black-chinned were elusive – they checked out the traps but wouldn't enter them. Lots of pollen was noted on several throats and heads which we don't normally see.

**Date:** 6/29/2019

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

**Banding Team:** AZIM SHARIFF AND CHRIS SMITH

**Assistants:** Alex Ho, Samantha Horacsek, Cassandra Merkens, Markus Merkens, Meghan O'Connell, Zohreh Rezaieanesh Megan Scott, Susan Wepking, and Roy WK Teo

**Time:** 5:10 – 10:10 AM

**Number of Visitors:** 0

**Session Remarks:** Rufous hummingbird abundance was up this week as the birds appear to be on the move. Most of the AHY males have already left the site as we only managed to capture one. The majority of the birds observed were AHY females (74/80). Despite the increase in activity, the number of HY rufouses is disappointingly low (5/80). In addition to rufous hummingbirds, we also managed to capture 2 Anna's hummingbirds, both of which were HY birds. The diversity of flowers is tapering off. Plants presently in bloom include fireweed, foxglove, Himalayan blackberry, hardhack, Nootka rose, red columbine, oceanspray, salal, annual fleabane, red columbine, rock stonecrop, dame's rocket, St. John's wort, deutzia, rose campion and catnip.



# HMN Monitoring Summary

Session 12: 27 June – 3 July, 2019

**Date:** 6/28/2019

**Location:** ROSSLAND

**Banding Team:** LINDA SZYMKOWIAK

**Assistants:** Deyanne Davies, Fred Bushell, Edward Davies, Trevor Houlden, and Janice Arndt

**Time:** 5:30 – 10:30 AM

**Number of Visitors:** 0

**Session Remarks:** Many more birds this session. 3 species: RUHU, CAHU, BCHU captured. First HY RUHU. No recaptures today. Only 1 bander present so time in trap counts greatly increased.

## COLORADO

**Date:** 6/28/2019

**Location:** DUNTON GUARD STATION

**Banding Team:** KAREN ORDEMANN

**Assistants:** Phil Kemp, Kathleen Turnbull, Mary Alexander, Mary O'Brien, Steve Zimmerman, and Susan Sante

**Time:** 5:59 – 11:04 AM

**Number of Visitors:** 2

**Session Remarks:** Today was a day full of male Broadtails. 85% of the birds we captured were males with one visiting us 7 times! None of our measured birds had more than a “trace” of fat, but a few finally showed up with a bit of pollen. The birds were very busy at the feeders at the beginning of the session but slowed down as the day progressed. It was a beautiful day and we thoroughly enjoyed Dunton’s lovely setting. Thanks go out once again to our dedicated volunteers of 2019!

**Date:** 7/1/2019

**Location:** MESA VERDE NATIONAL PARK

**Banding Team:** KAREN ORDEMANN

**Assistants:** Kathleen Adams, Karel Buckley, Diane Cherbak, Leslie Hayes, Cheyenne Laeske, and Jon Heale

**Time:** 6:33 – 11:33 AM

**Number of Visitors:** 0

**Session Remarks:** Another very slow hummingbird day at Mesa Verde. We only captured 1 male and 1 female Blackchin. Our trappers spotted a Rufous but were not able to capture him. It was warm and sunny today so, a lovely day at the park. We were just missing the hummingbirds! We did have several deer come by and a chipping sparrow nesting above our banding table. Thank you to all of our volunteers and our 2 supporting park employees for helping out.



# HMN Monitoring Summary

Session 12: 27 June – 3 July, 2019

**Date:** 6/29/2019

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

**Banding Team:** KIRA MONROE

**Assistants:** Keegan Sentner, Luke Rader, Alec Hernandez, Cliff Hendrick, Stacy Schauerhamer, and Ben Schauerhamer

**Time:** 6:21 – 11:21 AM

**Number of Visitors:** 37

**Session Remarks:** It was a beautiful day for monitoring this morning, and we had a great crew of volunteers with half CSU students and half folks from town. We captured all adult Broad-tailed Hummingbirds, and there were 19 males and 18 females (only 4 were gravid). Wildflowers (*Thermopsis divaricarpa*, *Eriogonum umbellatum*, *Penstemon* spp.) are abundant now and almost half of the birds had pollen. We had quite a few visitors this session, and we enjoyed talking to them about hummingbirds and HMN. Thank you to CSU Mountain Campus staff for all of their help maintaining this site!

## IDAHO

**Date:**

**Location:** IDAHO CITY

**Banding Team:**

**Assistants:**

**Time:**

**Number of Visitors:**

**Session Remarks:** Session cancelled due to logistical complications

## MONTANA

**Date:** 6/27/2019

**Location:** MPG RANCH - FLOODPLAIN

**Banding Team:** ERIC RASMUSSEN

**Assistants:** Mary Scofield and Susan Nelson

**Time:** 6:00 – 11:00 AM

**Number of Visitors:** 12

**Session Remarks:** Warm, calm, and wet morning with visible thunderstorms to our north, and off and on showers throughout the session. Mosquitos were out but not as aggressively as previous sessions. Hummingbird activity was high right off the bat, and dropped off quickly in hour 2. Our community visitors joined us mid-morning, and saw a few hummingbirds in hand before the activity level dropped off significantly. We still have several wildflowers blooming, and incubation is believed to be the reason for low activity.





# HMN Monitoring Summary

Session 12: 27 June – 3 July, 2019

**Date:** 7/2/2019

**Location:** MPG RANCH - MONTANE

**Banding Team:** ERIC RASMUSSEN

**Assistants:** Mary Scofield and Susan Nelson

**Time:** 5:55 – 10:55 AM

**Number of Visitors:** 3

**Session Remarks:** Warm and sunny with winds high on the surrounding ridge tops and visible thunderstorms to our north. Hummingbird activity was high at the start of the session, and tapered off throughout the morning. Many of the birds were very trap wary which made for difficult captures and some escapes. We had several recaptures that were originally banded in our pilot season in 2016, and had been captured a few times since at this site, including one CAHU female who had been captured for four consecutive years. Many wildflowers are still blooming including penstemon and paintbrush.

## NEW MEXICO

**Date:** 6/29/2019

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

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

**Assistants:** Joe Schmidt, Beth Cortright, Sarah Milligan, Keegan Tranquillo, and Dulce Flores

**Time:** 6:04 – 11:04 AM

**Number of Visitors:** 5

**Session Remarks:** The late snows, cooler temperatures, and summer rain have alleviated the drought conditions of last year. This year the wildflowers are spectacular, and the hummingbirds enjoy visiting them rather than the feeders. Hummingbird activity was very high around the banding site, but the capture rate at the feeders was slow after the first two hours. We captured a total of 29 birds, with only 6 of those being captured in the last 3 hours. One gravid broad-tailed female was observed. We have not seen any juveniles yet. Twelve birds were recaptures. We missed visiting with the birds at the banding table, but it is encouraging to know that the birds prefer sipping from real flowers (and pollinating them) when the flowers are on offer. Thank you to our very patient volunteer team and Bandelier National Monument!

## UTAH

**Date:** 7/2/2019

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

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

**Assistants:** Allison Francis, Hazer Manning, and Jacob Hart

**Time:** 6:10 – 11:10 AM

**Number of Visitors:** 7

**Session Remarks:** Repeating theme of few birds. First BTLH of the year for this site was captured.



# HMN Monitoring Summary

Session 12: 27 June – 3 July, 2019

**Date:** 7/1/2019

**Location:** ESCALANTE INTERAGENCY VISITOR CENTER

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

**Assistants:** Allison Francis, Hazer Manning, and Jacob Hart

**Time:** 6:06 – 11:06 AM

**Number of Visitors:** 3

**Session Remarks:** While wild flowers start to decrease, hummingbird numbers have only slightly increased. One BTLH that was not captured was seen and heard.

**Date:** 7/3/2019

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

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

**Assistants:** Allison Francis, Hazer Manning, and Jacob Hart

**Time:** 6:15 – 11:15 AM

**Number of Visitors:** 1

**Session Remarks:** First RUHUs for this site for the year. Interesting that they were not both males but instead one female and one male. They are the first birds of the year from all three sites that contain maximum fat (3).