



# HMN Monitoring Summary

Session 9: 16 – 22 May 2019

## Regional Summaries

### ARIZONA

Fort Huachuca banded 32 hummingbirds, including their first juvenile of the year (Anna's Hummingbird) this session, and 41% of birds were recaptures from previous years. Montezuma Castle captured 6 Black-chinned Hummingbirds, but bees kept many of the birds away from the feeders again. A slow morning for Harshaw Creek and Mount Lemmon, which may have been due to flowers blooming in the area. Paradise had another wave of Black-chinned this session, and 47 of 65 hummingbirds captured were recaptures. The Southwestern Research Station almost had as many visitors (65) as birds (83) this session, and captured 2 female Broad-billed, a species rare at this site, that were captured together on the same day in August last year!

### BRITISH COLUMBIA

BC is now in full swing. BCHU, RUHU and CAHU are in the interior! Widgeon Marsh is still experiencing low numbers, but finally seeing gravid females (Whoohoo!). Activity at feeders is slowing on the coast, as resources become abundant.

### COLORADO

The slowest start to the season in the past few years with only 7 birds captured. Spring in Colorado has been colder and wetter than the past few years, too.

### IDAHO

Rained out this session.

### NEW MEXICO

Similar to Colorado sites, it's been a chilly and wet spring at Bandelier. The first session was delayed by cold temperatures and ended early due to gusty winds. They still captured 13 Black-chinned and Broad-tailed despite the session lasting for less than 2 hours.

### MONTANA

Good session for both sites. The floodplain site captured 16 unbanded Black-chinned and Calliope Hummingbirds. The montane site captured 11 Calliope, including one female that was banded the first year of the site and recaptured every year since and another female that was banded in 2016 and hadn't been captured since then.

### UTAH

It was a slow session for all three sites with only 16 birds captured among them.



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**TABLE 1.** Summary of captured or visiting hummingbirds and trapping information for the monitoring session on May 16 – 22, 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	2	1	4	1	2	4	11	0	0:00
FH	4	0	32	1	13	21	27	0	0:00
ML	1	1	3	0	1	1	4	0	0:00
MOCA	1	0	6	1	3	9	86	0	0:00
PA	3	1	65	7	47	57	47	2	0:23
SWRS	5	0	83	15	44	100	166	1	0:09
<b>British Columbia</b>									
FK	2	0	12	1	1	6	258	0	0:00
LU	3	0	39	3	7	920	492	26	3:44
RO	3	0	12	1	3	24	59	3	0:25
WM	1	0	35	5	10	70	250	0	0:00
<b>Colorado</b>									
MV	2	0	7	0	5	6	3	2	0:15
<b>Idaho</b>									
IC	-	-	-	-	-	-	-	-	-
<b>Montana</b>									
MPGF	2	0	16	4	0	1	11	0	0:00
MPGM	1	0	11	2	5	2	7	0	0:00
<b>New Mexico</b>									
PCBNM	2	0	13	0	3	756	234	6	1:20
<b>Utah</b>									
CFCK	1	0	1	0	0	1	5	0	0:00
ESC	1	0	6	0	2	8	1	0	0:00
WCAT	1	0	9	3	3	4	8	0	0:00



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**TABLE 2.** Number of individuals of each species captured on May 16 – 22, 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
Arizona																	
FH			2	10	18							2					32
HC			*	1	3												4
ML								*				3					3
MOCA					6												6
PA				4	47		*					14					65
SWRS				2	51		9	1				20					83
British Columbia																	
FK			4											8			12
LU					2				31					6			39
RO					3				8					1			12
WM														35			35
Colorado																	
MV					6			1									7
Idaho																	
IC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Montana																	
MPGF					3				13								16
MPGM									11								11
New Mexico																	
PCBNM					4			9									13
Utah																	
CFCK					1												1
ESC					6												6
WCAT								9									9



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## ARIZONA

**Date:** 5/18/2019

**Location:** HARSHAW CREEK, PATAGONIA MOUNTAINS

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

**Assistants:** Cholla Nicoll

**Time:** 5:50 – 10:50 AM

**Number of Visitors:** 0

**Session Remarks:** Still good flowers in the area and few birds at the feeders. It's a quiet morning.

**Date:** 5/19/2019

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

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

**Assistants:** Elaine Moisan, Alina Downer, Mike Emenaker, Qiaochu Zhong, Tianyi Xu, Sarah Worthington, Lori Dargis, Florencia, and Alex

**Time:** 5:41 – 10:41 AM

**Number of Visitors:** 65

**Session Remarks:** It's a busy day with both hummingbirds and people. It was great to hear that a few of the people visiting had helped at other HMN sites. Breeding is in full swing: 19 gravid females (17 BCHU, 2 RIHU); one gravid female that laid an egg visited 10 times. Strange! Blue-throated Hummingbird females are seen collecting spider webbing for their nests. And another Blue-throated nest is found in a nearby cave. That makes two nests in caves and one behind a waterfall. Definitely different nest sites than Black-chinned hummingbirds. One of the intriguing captures are the two Broad-billed females. Only 15 Broad-billed females have been captured at this site which makes them fairly rare. To capture two females in one session is very unusual but what's even more unusual, both were captured on the same day in August last year. Do you think they are traveling together? We had a great crew today. Thanks to all and especially to the staff of SWRS for their support of the monitoring.

**Date:** 5/19/2019

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

**Banding Team:** LAURA DAVIS

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

**Time:** 5:08 – 10:08 AM

**Number of Visitors:** 0

**Session Remarks:** We had four species, 32 hummingbirds: Anna's (2), Black-chinned (18), Broad-billed (10), and Rivoli's (2). A large number this session, 13 hummingbirds (41%), were recaptures from previous dates (2014 to 2019). The oldest recapture was a female Black-chinned banded as a juvenile in July 2014, making her estimated age 4 years 11 months. We had a total of 14 males and 18 females. The females were Broad-billed (3), Black-chinned (13), Rivoli's (1) and Anna's (1). Our first hatch-year bird for the year was the female Anna's. Breeding condition was observed for seven Black-chinned (5 through 9) and one Broad-billed (7). Pollen was observed on five hummingbirds (16%). Many thanks to the Fort's Environmental and Natural Resources Division and the Public Affairs Office for supporting our program.



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**Date:** 5/19/2019

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

**Banding Team:** LEE ROGERS

**Assistants:** Jackie Lewis, Laura Paulson, Bud Johnson, Debb Johnson, Joella Buffa, Clyde Morris, Debra Hopton

**Time:** 5:28 – 10:28 AM

**Number of Visitors:** 5

**Session Remarks:** Looks like another Black-chinned migration. 47 of 65 birds were Black-chinned. Oddly, 47 of 65 birds were previously banded – but all were not Black-chinned. 22 females were breeding, 4 birds were molting. Purple, white and yellow pollen were all represented. Our oldest bird this morning, a Black-chinned female, was banded as an adult female 5/6/12. Today was her 3<sup>rd</sup> revisit to Paradise. Another female Black-chinned was banded as a hatch year bird 8/11/13. Today was Laura's last day for the year. Thank you for your participation! We look forward to seeing you back next year!!

**Date:** 5/16/2019

**Location:** MONTEZUMA CASTLE NATIONAL MONUMENT

**Banding Team:** TINA GREENAWALT AND WADE GURLEY

**Assistants:** Carol Wentzel, Matthew Quaglia, Adam Bergin, Steve Cunningham, and Heidi Cunningham

**Time:** 5:45 – 10:45 AM

**Number of Visitors:** 0

**Session Remarks:** We were plagued with bee issues again this week, which likely resulted in lower numbers of birds captured and more trap checkers. We tried peppermint extract since we didn't have any peppermint oil available and the extract didn't deter the bees at all. I ordered some peppermint oil so we'll have it for the next session. It got fairly windy in the last couple of hours as well.

**Date:** 5/16/2019

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

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

**Assistants:** Clare Byrne and Gabriela Samaniego

**Time:** 5:44 – 10:44 AM

**Number of Visitors:** 1

**Session Remarks:** Today is our first session in 2019. There are few birds using the feeders. We don't know whether it's because they are not using the site yet or if there are such good flowers that they are elsewhere. We see lots of Castilleja blooming. We thank Jim Grantham and Dave Savage from Steward Observatory for their support of this project.



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## BRITISH COLUMBIA

**Date:** 5/19/2019

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

**Banding Team:** JULIE HOWE AND ALISON MORAN

**Assistants:** Kathie Snell, Brian Ross, and Jonathan Moran

**Time:** 6:20 – 11:20 AM

**Number of Visitors:** 3

**Session Remarks:** Pretty slow now there are alternative resources.

**Date:** 5/18/2019

**Location:** LUMBY

**Banding Team:** KAREN SIEMENS AND SUSAN LATIMER

**Assistants:** Gail Loughridge, Laura MacPherson, Louise Breneman, and Marnie Williamson

**Time:** 5:55 – 10:55 AM

**Number of Visitors:** 0

**Session Remarks:** The session started with a light rain - the traps were open and we counted birds. The temperature ranged from 9 to 13C, overcast and a moderate wind at times. The rain stopped at 0735 and banding began. The traps were extremely busy with continuous activity and a total trap count of 1,410. The trap count was 914 on the same weekend in 2018. 26 birds were banded – 2 adult male Black-chinned, 20 adult Calliope (4 males, 16 females) and 4 adult Rufous (1 male & 3 females). There were 7 returning individuals that were previously banded in May / June in the years ranging from 2015 to 2018.

**Date:** 5/19/2019

**Location:** ROSSLAND

**Banding Team:** LINDA SZYMKOWIAK AND SHARON LELLIOTT

**Assistants:** Deyanne Davies, Edward Davies, Mackenzie Ropas, Fred Bushell, Don Hooper, and Trevor Houlden

**Time:** 5:40 – 10:40 AM

**Number of Visitors:** 0

**Session Remarks:** There were less birds than one week previous. Only 12 captured, all 3 species, CAHU RUHU BCHU present. No male RUHU (there were 1 week ago). No female BCHU have yet arrived. The gusty winds ruffled the trap netting making the birds trap shy. We had 3 recaps, 2 from 2017 and 1 from 2018. We had 2 new volunteers trained on trapping and counting birds.



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**Date:** 5/18/2019

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

**Banding Team:** ELSE MIKKELSEN AND ROY WK TEO

**Assistants:** Alain Boisclair-Joly, Karin Boisclair-Joly, Uriel Garcilazo, Samantha Horacsek, Cassandra Merkens, Markus Merkens, Meghan O'Connell, Megan Scott, Azim Shariff, Scott Walmsley, and Jessica Wheatley

**Time:** 5:30 – 10:30 AM

**Number of Visitors:** 0

**Session Remarks:** There was a strange lull in Rufous Hummingbird abundance the past two weeks. However, activity around the feeders increased noticeably on Thursday, May 16<sup>th</sup>. All the birds captured today were AHYs with the ratio of females to males being 3:1. Approximately, one-third of the females examined were gravid. Most of the birds were in excellent body condition with ample fat reserves. Flower diversity and densities are very high this spring. Plants that typically bloom later in the season seem to be flowering earlier (*e.g.* red columbine). Species presently in bloom include salmonberry, black twinberry, thimbleberry, trailing blackberry, Pacific bleeding hearts, Pacific crab apple, red columbine, orange honeysuckle, fringe cups, large-leaved avens, black hawthorn, English hawthorn, buttercup, self-heal, European horse-chestnut, Scotch broom, dame's rocket, purple columbine, magnolia (cultivar), dogwood (cultivar), lilac, rhododendron (cultivar). A big thank you to everyone who assisted today. Many hands do make light work.

## COLORADO

**Date:** 5/18/2019

**Location:** MESA VERDE NATIONAL PARK

**Banding Team:** GEORGE SAN MIGUEL

**Assistants:** Kathleen Adams, Diane Cherbak, Leslie Hayes, Dusty and Roger Mac Dougal

**Time:** 7:21 – 11:21

**Number of Visitors:** 0

**Session Remarks:** The slow start was a result of problems with the traps getting set up, but due to our volunteer's diligence, they were able to get them working. It was a cold and cloudy morning, and only 7 hummers were trapped. One BCHU was gravid 8. This is in direct contrast to our previous May dates = 5-23-18 = 64 birds; 5-10-17 = 53 birds; 5-11-16 = 42 birds. Our bander, George San Miguel, made the following comment: "I agree that this was the slowest May day I can remember. We got 4 inches of snow here overnight. I had pulled my feeders in and got them out at first light just in case there were any hummers in my neighborhood. Otherwise, there would be literally nothing for them to eat coming out of torpor on a morning like this. We discussed the lack of birds among the six of us and I think the birds are still in New Mexico making their way north a few weeks later than average; whereas, last year they were a few weeks ahead of average. The males are the pioneers in the populations and they will retreat in the face of adverse conditions and try again when the weather improves." Many thanks and much gratitude for our former bander, George San Miguel, for coming all the way from Denver to help us out! And as of Memorial Day, we have still not warmed up. Expecting 5 inches of snow in the San Juans tonight. Spring has to be somewhere around the corner: maybe summer will come first!



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## IDAHO

**Date:** 5/21/2019

**Location:** IDAHO CITY

**Banding Team:** JESSICA POLLOCK, HEIDI CARLISLE, HEATHER HAYES, AND KATIE POWELL

**Assistants:** Kevin Trombly, Barb Howard, Jennifer Alban, Martha Weiler, Sue Meyers, Nancy McCullough, and Danette Henderson

**Time:**

**Number of Visitors:**

**Session Remarks:** Rained out.

## MONTANA

**Date:** 5/16/2019

**Location:** MPG RANCH - FLOODPLAIN

**Banding Team:** ERIC RASMUSSEN

**Assistants:** Mary Scofield and Lesley Rolls

**Time:** 6:44 – 11:44 AM

**Number of Visitors:** 1

**Session Remarks:** Foggy, cool morning and calm winds that broke into heavy clouds and moments of sunshine around 07:15. The session began with early CAHU activity that tapered off as the thunderstorms moved in at the end of the morning. We captured 16 individuals, none of which were previously banded. We captured a significant number of CAHU males for our site (10), which was exciting. We have a lot more flowers out now, including Golden Currant, Larkspur, and Balsam Root.

**Date:** 5/21/2019

**Location:** MPG RANCH - MONTANE

**Banding Team:** ERIC RASMUSSEN

**Assistants:** Mary Scofield and Susan Nelson

**Time:** 6:47 – 11:47 AM

**Number of Visitors:** 0

**Session Remarks:** Cold morning with a steady breeze and intermittent gusts and partial sun. The session had early CAHU activity that dropped off fairly quickly around 08:00. We had several interesting recaptures this morning, including one CAHU female banded at this site in 2016 but hadn't been captured since that summer, and one female that has been caught every year (4 years now). We captured our first female this season with a visible egg, which is always exciting to see! The available flowers now include Glacier Lily, Larkspur, and Paintbrush.





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## NEW MEXICO

**Date:** 5/18/2019

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

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

**Assistants:** Joe Schmidt, Will Schmidt, Bob Loy, Beth Cortright, Keegan Tranquillo, Carolina May, Dulce Flores, and Sarah Milligan

**Time:** 7:50 – 9:27 AM

**Number of Visitors:** 0

**Session Remarks:** The session start was delayed by almost 2 hours as we waited for the temperature to warm enough to band. After banding started, the session was hampered by increasingly gusty winds, until we finally had to close, after only one hour and thirty-seven minutes, because of the wind. The preceding two weeks had been surprisingly warm, with lots of hummingbird activity, so we were sad to cut the session short. Nonetheless, we had three recaps from previous years, a gravid black-chinned female, and a gravid broad-tailed female. This year has been wetter than usual and with late snows, but also some warmer days. We ended up having snow the day after this banding session. Nonetheless, the breeding season seems to have started a little earlier than previous years. Thank you to Bandelier National Monument and our volunteer team.

## UTAH

**Date:** 5/17/2019

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

**Banding Team:** TERRY TOLBERT

**Assistants:** Jacob Hart, Dirk Durfey, and Frank Venuti

**Time:** 6:39 – 11:39 AM

**Number of Visitors:** 0

**Session Remarks:** Another slow session at Calf Creek.

**Date:** 5/20/2019

**Location:** ESCALANTE INTERAGENCY VISITOR CENTER

**Banding Team:** TERRY TOLBERT

**Assistants:** Frank Venuti, Jacob Hart, and Reed Burch

**Time:** 6:20 – 9:01 AM

**Number of Visitors:** 0

**Session Remarks:** Slow sessions for all three sites. Protocol was not followed due to snow and rain. Session ended early.



# HMN Monitoring Summary

Session 9: 16 – 22 May 2019

**Date:** 5/16/2019

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

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

**Assistants:** Frank Venuti and Jacob Hart

**Time:** 6:37 – 11:37 AM

**Number of Visitors:** 0

**Session Remarks:** Two out of the nine individuals were females.