



# HMN Monitoring Summary

Session 11: 13 – 19 June, 2019

## Regional Summaries

### ARIZONA

No juveniles yet, but it's a productive morning for Harshaw Creek, especially because the Ocotillo and other flowers are dwindling and birds are coming back to the feeders. Fort Huachuca also had a productive morning with juveniles and gravid females captured among the 68 birds (6 species). The team at the Southwestern Research Station was treated to ice cream because of the 120 birds they captured this session. It was also a busy day in Paradise with gravid females, the first juvenile of the season, pollen, molting, and recaptures. Montezuma Castle had a slow morning, but they still had 3 Black-chinned recaptures and banded the first Anna's of the year. Broad-tailed are usually the main attraction during the breeding season at Mount Lemmon, but this session Rivoli's, Blue-throated, Black-chinned, and Anna's were also captured.

### BRITISH COLUMBIA

The interior of BC is still in a lull, as resources are abundant. Widgeon Marsh is still experiencing low numbers. Most of the rufous have left the south Vancouver Island breeding sites and are moving along the coast in return migration. Grouse Mountain had its first session of the year, and they had more Anna's than Rufous for a change.

### COLORADO

Dunton broke their 12-year record for most birds brought to the banding table—91 birds! In stark contrast, Mesa Verde is still slow and only captured 5 birds. More weather interruptions this season for Pingree Park; luckily volunteers had shelter from the hail storm.

### IDAHO

The Idaho City team had a slower session than the previous one. No juveniles yet or much pollen, but that should change soon.

### MONTANA

There were a lot of wildflowers in the area, but both sites captured 8 birds this session. Females in breeding condition and carrying nesting materials indicated that the breeding season is in full swing.

### NEW MEXICO

There were a lot of wildflowers blooming at Bandelier this session, but the team still had a busy morning with the 60 birds they captured.

### UTAH

There were few birds at all three sites this session. Hopefully this is because the birds have dispersed across the landscape more than usual due to abundant wildflowers and not because the populations in the area are in trouble.



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**TABLE 1.** Summary of captured or visiting hummingbirds and trapping information for the monitoring session on June 13 - 19, 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	5	0	61	11	35	310	89	3	1:39
FH	6	0	68	6	11	93	81	1	0:16
ML	5	0	70	7	34	44	86	0	0:00
MOCA	2	0	4	0	3	7	27	0	0:00
PA	4	0	91	17	57	396	393	4	0:34
SWRS	5	0	120	26	74	909	471	8	1:06
<b>British Columbia</b>									
GM	2	0	18	0	0	17	47	1	0:12
FK	1	0	4	0	0	4	91	0	0:00
LU	3	0	11	0	2	9	51	3	0:23
RO	2	1	6	0	1	13	26	0	0:00
WM	1	0	21	2	2	16	91	0	0:00
<b>Colorado</b>									
DGS	1	0	53	23	32	268	37	8	2:05
MV	2	0	5	0	2	5	8	0	0:00
PP	1	0	31	0	12	1897	167	12	3:43
<b>Idaho</b>									
IC	2	0	41	14	17	63	84	2	0:14
<b>Montana</b>									
MPGF	2	0	8	0	2	0	2	0	0:00
MPGM	1	0	8	0	2	5	13	0	0:00
<b>New Mexico</b>									
PCBNM	2	0	60	4	41	896	207	12	3:19
<b>Utah</b>									
CFCK	1	0	3	0	1	0	9	0	0:00
ESC	1	0	3	0	1	0	19	0	0:00
WCAT	1	0	9	1	4	11	45	0	0:00



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**TABLE 2.** Number of individuals of each species captured on June 13 – 19, 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			23	7	34						1	1			2		68
HC			1	35	21					3					1		61
ML			2		1		1	65				1					70
MOCA			1		3												4
PA				7	53			4				27					91
SWRS				3	62		28	2				25					120
<b>British Columbia</b>																	
GM			13											5			18
FK														4			4
LU					1				6					4			11
RO									5					1			6
WM														21			21
<b>Colorado</b>																	
DGS								53									53
MV					3			2									5
PP								31									31
<b>Idaho</b>																	
IC					7				34								41
<b>Montana</b>																	
MPGF					3				5								8
MPGM									8								8
<b>New Mexico</b>																	
PCBNM					15			45									60
<b>Utah</b>																	
CFCK					3												3
ESC					3												3
WCAT								9									9



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## ARIZONA

**Date:** 6/15/2019

**Location:** HARSHAW CREEK, PATAGONIA MOUNTAINS

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

**Assistants:** Elise Misiorowski, Bob Misiorowski, Emily Clark, and Gary Romig

**Time:** 5:26 – 10:26 AM

**Number of Visitors:** 0

**Session Remarks:** The Ocotillo has come to the end of its flowering and it seems there are fewer flowers on the landscape. The birds are back at the feeders and the flowers around the traps. Lee's restoration work to provide nectar flowers has paid off but now the visits to the flowers are affecting the trap counts. Hmmm! We're consider adding flower visits to the trap data. It's a cold morning with the low being around 54F. Broad-billed and Black-chinned females are still gravid; there's lots of pollen on birds; but we have yet to capture a juvenile at this site. We appreciate the help of our volunteers. It's fun seeing all the birds in our yard.

**Date:** 6/17/2019

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

**Banding Team:** SUSAN WETHINGTON

**Assistants:** Elaine Moisan, Alina Downer, Florencia De Ferrari, Sarah Worthington, and Stewart Bull

**Time:** 5:26 – 10:26 AM

**Number of Visitors:** 20

**Session Remarks:** Over the years, we've come to expect a Big Day on Father's Day. This day did not disappoint. We handled 120 individuals with 37 same day recaptures. All the common breeding species in the Chiricahua Mountains being represented. Black-chinned, Blue-throated, and Rivoli's are common breeders near the station; Broad-tailed nest at higher elevations; and Broad-billed nest at lower elevations. With so many birds around, it's amazing to me that today's recapture rate is over 60%. We capture juvenile Black-chinned and Blue-throated and there's at least 4 kinds of pollen noted. This has been a busy season but today is our first over 100 bird day. That means the team is treated to an ice cream by Gary Wisdom. Yummy! Thanks!!

**Date:** 6/13/2019

**Location:** MONTEZUMA CASTLE NATIONAL MONUMENT

**Banding Team:** WADE GURLEY

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

**Time:** 5:06 – 10:06 AM

**Number of Visitors:** 1

**Session Remarks:** We had what might be our slowest week on record. During the first hour we only had 1 hummingbird swing by to check out the traps. The birds became slightly more active as the morning wore on. We caught three black-chinned hummingbirds that had previously been captured and banded our first Anna's hummingbird of the year. So, a slow day overall, but not devoid of some excitement.



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**Date:** 6/16/2019

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

**Banding Team:** LAURA DAVIS

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

**Time:** 5:03 – 10:03 AM

**Number of Visitors:** 2

**Session Remarks:** We had six species, 68 hummingbirds: Anna's (23), Black-chinned (34), Broad-billed (7), Lucifer (1), Rivoli's (1) and Violet-crowned (2). Eleven hummingbirds (16%) were recaptures from previous dates (2013, 2014, 2015, 2018, and 2019 [no banding was conducted in 2016 or 2017]). The oldest recapture was a female Black-chinned originally banded exactly 7 years ago on 6/16/2013 as an adult. We had a total of 25 males, 41 females, and the sex of the two Violet-Crowned was unknown. Fifteen hatch-year hummingbirds were banded today: four male and seven female Anna's, one male Broad-billed and three female Black-chinned. Breeding condition was observed for three Black-chinned (5 and 8). Pollen was observed on five hummingbirds (7%). Many thanks to the Fort's Environmental and Natural Resources Division and the Public Affairs Office for supporting our program.

**Date:** 6/16/2019

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

**Banding Team:** SUSAN WETHINGTON

**Assistants:** Jackie Lewis, Florencia De Ferrari, Tianyi Xu, Steve Wolfe, Cecil Williams, and Nancy Roth

**Time:** 5:32 – 10:58 AM

**Number of Visitors:** 0

**Session Remarks:** A busy Father's Day session as usual! 63% recap rate. 2 females with cp of 9 and 2 others that had just laid an egg. 11 in all showing signs of breeding. 14 birds had molt. Orange pollen on 2 birds, purple on 2, white on 25 and yellow on 8. Our first hatch year bird is a female Broad-tailed. Is she from here or up north? Our oldest bird was banded as an adult male Black-chinned in April 2010. Several birds from 2012, 13 and 14 as well. Thank you all for helping with this great session!

**Date:** 6/13/2019

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

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

**Assistants:** Casilda Quinones, Clare Byrne, and Gabriela Samaniego

**Time:** 5:22 – 10:22 AM

**Number of Visitors:** 40

**Session Remarks:** Typically, this site is mainly a Broad-tailed breeding site with a few Rivoli's but this session we also capture a Blue-throated, a Black-chinned, and a couple of Anna's. It seems Anna's are using this site more frequently. The Broad-tailed are in full breeding mode with 16 of 39 females gravid. We are visited by the Sky Camp students who have been studying astronomy for the past few days. It's a busy day for both birds and people.



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## BRITISH COLUMBIA

**Date:** 6/13/2019

**Location:** GROUSE MOUNTAIN

**Banding Team:** DEVIN MANKY

**Assistants:** Jane Paddon, Bree Stoddart, John Stoddart, Peter Scott, Sharon Cocomile, Deborah Markle, Joanne Doubrava, Judy Simonite, John Barnes, Abby Kennedy, and Cathy Ward

**Time:** 5:45 – 10:45 AM

**Number of Visitors:** 5

**Session Remarks:** Good first session of the year for our Grouse Mountain banding team. Few escapees as our handlers remembered properly handling and removal from trap technique and we have also switched to a new restraint method and a couple birds flew away during that process. But overall a positive number of birds for a mid-June session. A surprisingly high number of Anna's Hummingbird and perhaps the first session where they outnumbered the Rufous. Juvenile Anna's were captures but no juvenile Rufous. Of note was a beautiful Male Rufous – a rarity up here as we are highly biased to Rufous females. Thanks as always to our dedicated volunteer crew! Look forward to a great summer of monitoring.

**Date:** 6/16/2019

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

**Banding Team:** CHRISTINA LAM AND ALISON MORAN

**Assistants:** Julie Howe, Brian Ross, and Shawna Littlewood

**Time:** 5:30 – 10:30 AM

**Number of Visitors:** 0

**Session Remarks:** This is likely to be our last session of the season. Most birds have left the site and with abundant resources, very few of the remaining birds need to use the feeders other than very early in the morning. Of the four birds captured, three were juveniles. Unfortunately, the banding session was called off 1 hour early because of volunteer illness and work obligations. Thanks to all the team for their great volunteer effort this season.

**Date:** 6/18/2019

**Location:** LUMBY

**Banding Team:** LAURA MACPHERSON AND SUSAN LATIMER

**Assistants:** Gail Loughridge, Karen Siemens, and Debra Field

**Time:** 5:35 – 10:35 AM

**Number of Visitors:** 0

**Session Remarks:** The wild flowers are almost finished blooming and the birds are returning to the feeders. We had a trap count of 60 with 11 birds captured and 9 adult birds banded - 1 Black-chinned male, 4 Calliope (2 males & 2 females) and 4 Rufous (2 males & 2 females).



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**Date:** 6/16/2019

**Location:** ROSSLAND

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

**Assistants:** Deyanne Davies, Mackenzie Ropas, Fred Bushell, Edward Davies, and Chantal Pineau

**Time:** 5:20 – 8:13 AM

**Number of Visitors:** 0

**Session Remarks:** Low numbers as in first 2 sessions. Trap shy. There were at least 2 male BCHU that chased other birds away, but would not enter trap themselves. One RUHU female and 1 CAHU female with signs of breeding.

**Protocol exception:** We suspended operations early due to a medical emergency in host's family. (Nothing to do with the banding).

**Date:** 6/16/2019

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

**Banding Team:** ELSE MIKKELSEN AND ANA MENDES

**Assistants:** Uriel Garcilazo, Cassandra Merkens, Markus Merkens, Azim Shariff, Chris Smith, and Roy WK Teo

**Time:** 5:10 – 10:10 AM

**Number of Visitors:** 0

**Session Remarks:** Rufous hummingbird abundance continues to low at Widgeon Marsh. Although a couple of AHYs males are still actively defending flower patches. Most of the males captured possessed fat reserves, and appear to be on the move. Disappointingly, we haven't seen many HY birds at the site yet. Hopefully, more will show up over the next couple of weeks. Still lots of plants bloom including foxglove, thimbleberry, Himalayan blackberry, red osier dogwood, Cooley's hedge-nettle, Nootka rose, red columbine, goatsbeard, oceanspray, salal, hardhack, black twinberry, Labrador tea, Pacific ninebark, Pacific bleeding hearts, dame's rocket, purple columbine, dogwood (cultivar), rhododendron, catnip, sage, mountain laurel. Lots of mosquitoes as well.

## COLORADO

**Date:** 6/18/2019

**Location:** DUNTON GUARD STATION

**Banding Team:** KAREN ORDEMANN

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

**Time:** 6:07 – 11:07 AM

**Number of Visitors:** 0

**Session Remarks:** We broke our Dunton session 12-year record of hummingbirds brought to the table for a look for the second time this year! Today we put new bands on or recaptured 91 birds while our traps were open. Several interesting stats came out of our exams. All birds captured or seen were Broadtails. None had pollen. Thirty-eight percent of the total were same day recaptures. Some of our individual Broadtails were trapped 4 times! We are wondering, with so many same day recaptures and no sign of pollen, are our current Dunton area hummingbirds hungry for our man-made nectar? Could this be due to this past winter's heavy mountain snows and relatively late snowmelt? One bird was banded 6 years ago! We were lucky again this session to see deer and elk in the area.





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**Date:** 6/19/2019

**Location:** MESA VERDE NATIONAL PARK

**Banding Team:** KAREN ORDEMANN

**Assistants:** Kathleen Adams, Jane Pedersen, Dusty and Roger MacDougall, Lorraine McCleary, Tish Varney, Leslie Hayes, and Diane Cherbak

**Time:** 6:26 – 11:26 AM

**Number of Visitors:** 3

**Session Remarks:** Another unusual session. No clues as to why we only trapped and caught 5 birds, at this, our 3<sup>rd</sup> session of the season. Three new bands were placed. Again our volunteers (9!) did a great job watching the feeders all morning, without much reward! And curiously, we've had a report of 2 male Rufous arriving on 6/21 in the Durango area. I had the first arrival record in the past, which has been 6/25.

**Date:** 6/15/2019

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

**Banding Team:** KIRA MONROE

**Assistants:** Ron Hanser, Bonnie Hanser, Nicole Wolf, and Madison Wolf

**Time:** 6:35 – 11:49 AM

**Number of Visitors:** 12

**Session Remarks:** We had another rain delay during our second session, but we started up again after 20 minutes and then were finally forced to finish early when quite the hail storm rolled in. Thank goodness we had shelter nearby! We captured 31 Broad-tailed Hummingbirds—18 females, 13 males, and 12 recaptures. We recaptured 4 adult females and 1 adult male that were first banded in 2017. There were still few flowers and no birds with pollen yet. A huge thank you to all of the Mountain Campus staff that make this site possible!

## IDAHO

**Date:** 6/18/2019

**Location:** IDAHO CITY

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

**Assistants:** Kevin Trombly, Barb Howard, Iris Henderson, Danette Henderson, Jennifer Alban, Crystal Garcia, Jared Arp, Christine Floor, and Robert Floor

**Time:** 6:02 – 11:02 AM

**Number of Visitors:** 10

**Session Remarks:** Not nearly as "active" of a session as 6/5. No HY birds yet. Male CAHU #M07606 was caught 8 times within the session, surprisingly twice in 8 minutes. The traps were closed only two times for 14 minutes, another indicator of much slower activity this session versus the prior. Not much pollen showing up on the birds yet. Flowers are just starting to really bloom and expect we will find more pollen visible on the next session.





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## MONTANA

**Date:** 6/13/2019

**Location:** MPG RANCH - FLOODPLAIN

**Banding Team:** ERIC RASMUSSEN

**Assistants:** Mary Scofield and Lesley Rolls

**Time:** 6:05 – 11:05 AM

**Number of Visitors:** 2

**Session Remarks:** Warm, calm, and partly cloudy morning with heavy mosquitos and little hummingbird activity. Several female hummingbirds captured this morning had spider silk and other nest building materials visible on head, face, and wings. One recaptured CAHU female was originally banded at this site in 2016, when she had a visible egg. It was exciting to see her again three years later at the same site around the same time of year. The Bitterroot Valley wildflowers are quite abundant this year, and in full bloom still at this time.

**Date:** 6/18/2019

**Location:** MPG RANCH - MONTANE

**Banding Team:** ERIC RASMUSSEN

**Assistants:** Mary Scofield

**Time:** 5:40 – 10:40 AM

**Number of Visitors:** 0

**Session Remarks:** Cool and slightly breezy morning with increasing clouds and partial sunshine. Early activity at the start of the session, with several CAHU females captured right off the bat. Two females captured this morning had visible eggs, and most females this morning had CP swelling. Activity dropped off quickly, and the remainder of the session was slow. One CAHU male was observed displaying and chasing females at the monitoring site, but did not seem interested in the feeders. There are still abundant available wildflowers including penstemon, paintbrush, and fireweed.

## NEW MEXICO

**Date:** 6/15/2019

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

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

**Assistants:** Will Schmidt, Joe Schmidt, Beth Cortright, Bob Walker, Melanie Boncella, Sarah Milligan, and Kevin Doxstater

**Time:** 6:02 – 11:02 AM

**Number of Visitors:** 1

**Session Remarks:** We had another perfect weather day, and lots of recaptures from previous sessions (41 recaptures out of 60 total captures). Our oldest birds were banded in 2016 as adults, and again we had several birds that were banded together on the same day and recaptured together during this session. Two broad-tailed females were gravid, and one black-chinned female was also gravid. There are lots of wildflowers blooming, including thistle which seems to be a hummingbird favorite. Many birds were seen visiting the thistle blossoms during the session. Thank you to Bandelier National Monument and all of our volunteers!



# HMN Monitoring Summary

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## UTAH

**Date:** 6/18/2019

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

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

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

**Time:** 6:12 – 11:12 AM

**Number of Visitors:** 0

**Session Remarks:** Trap Total was zero and Trap Checkers was even lower here than at the Escalante Visitor Center for a total of 9. While there have been past years with plenty of flowers, we have noticed the usual sounds of flying birds up and down the creek draining is noticeably less. Our concerns continue for the hummingbird population in the area. While there are numerous flowering species available, we continue to see low amounts to no fat in the few individuals caught.

**Date:** 6/17/2019

**Location:** ESCALANTE INTERAGENCY VISITOR CENTER

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

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

**Time:** 6:05 – 11:05 AM

**Number of Visitors:** 4

**Session Remarks:** Flowers are still blooming across the area which we are hoping is the primary reason for the continued low numbers. Trap total is zero which is indicative of our observations. Birds seen and heard are very low at all three sites.

**Date:** 6/19/2019

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

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

**Assistants:** Frank Venuti, Jacob Hart, and Hazer Manning

**Time:** 6:19 – 11:19 AM

**Number of Visitors:** 0

**Session Remarks:** This site continues the trend of slightly more BTLHs than the other BCHU sites. Low numbers compared to previous years is also apparent. Trap Total for this site was 11 compared to 0 for the other two sites.