



# HMN Monitoring Summary

Session 9: 17 – 23 May 2018

## Regional Summaries

### ARIZONA

Harshaw Creek and SWRS captured breeding species and suspected that there may be few floral resources their areas. Montezuma Castle also had few floral resources in the area and has seen some hungry birds to support this. Paradise had a pleasant morning with 3 species in molt captured and some wary Broad-billed. Mount Lemmon had a busy first session of the season filled with many BTLH and recaptures from previous years. No monitoring for Fort Huachuca this session.

### BRITISH COLUMBIA

Most stations have seen a late arrival and Widgeon Marsh continues to see unusually low numbers. Still no juveniles at Francis King on south Vancouver Island – the fledging is very late. Birds are still coming into the interior sites at Rossland and Lumby. Thanks to all the great volunteers that make this monitoring effort possible.

### COLORADO

Mesa Verde is back online this season with a new location and, hopefully, a bear-proof setup.

### IDAHO

With the first two monitoring sessions under their belts, the Idaho City team is off to a great start this season. Second session observations add some support to the changes they made in 2016 to minimum band size for female CAHU.

### MONTANA

A cool, wet morning with Black-chinned for the floodplain site, and a warmer, partly cloudy morning with Calliope at the montane site.

### NEW MEXICO

A busy first session for the Bandelier team that included some early gravid females.

### UTAH

Record breaking numbers of Black-chinned at both Escalante and Calf Creek, and mostly Broad-tailed recaptures for Wildcat's first session of the year. Tonaquint had a slow morning but a wonderful crew of University volunteers.



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**TABLE 1.** Summary of captured or visiting hummingbirds and trapping information for the monitoring session on May 17-23, 2018. 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	-	-	-	-	-	-	-	-	-
HC	4	0	36	2	22	9	62	0	0:00
ML	3	0	96	33	55	449	20	9	2:14
MOCA	1	0	12	1	4	50	69	0	0:00
PA	3	1	54	6	24	43	87	0	0:00
SWRS	5	0	74	16	37	188	96	1	0:10
<b>British Columbia</b>									
FK	-	-	-	-	-	-	-	-	-
LU	3	0	71	4	8	456	458	24	2:59
RO	3	0	34	5	4	93	63	17	1:19
WM	1	0	36	3	13	21	170	0	0:00
<b>Colorado</b>									
MV	2	0	39	17	18	157	9	4	1:04
<b>Idaho</b>									
IC	2	0	45	6	1	46	62	1	0:14
<b>Montana</b>									
MPGF	1	0	4	1	1	0	3	0	0:00
MPGM	1	0	3	0	2	1	4	0	0:00
<b>New Mexico</b>									
PCBNM	2	0	55	1	26	1323	420	0	3:50
<b>Utah</b>									
CFCK	2	0	50	10	28	48	66	1	0:06
ESC	3	0	50	21	11	54	163	2	0:26
TQ	1	0	5	0	0	6	26	0	0:00
WCAT	1	0	15	1	10	9	24	0	0:00



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**TABLE 2.** Number of individuals of each species captured on May 17-23, 2018. 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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HC			2	17	16					1							36
ML			2					88				6					96
MOCA					12												12
PA				*	32			2				20					54
SWRS				1	38		20	2				13					74
<b>British Columbia</b>																	
FK	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LU					3				37					31			71
RO					5				27					2			34
WM														36			36
<b>Colorado</b>																	
MV					31			8									39
<b>Idaho</b>																	
IC					28				17								45
<b>Montana</b>																	
MPGF					4												4
MPGM									3								3
<b>New Mexico</b>																	
PCBNM					18			37									55
<b>Utah</b>																	
CFCK					45			5									50
ESC					48			1	1								50
TQ					5												5
WCAT								15									15



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## ARIZONA

**Date:** 5/18/2018

**Location:** HARSHAW CREEK, PATAGONIA MOUNTAINS

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

**Assistants:** Karina Hilliard and Gary Romig

**Time:** 5:39 – 10:39 AM

**Number of Visitors:** 0

**Session Remarks:** It's a relatively slow day with only breeding species: Black-chinned, Broad-billed, Anna's and one Costa's. Today, there are three times more males than females. Typically, there's a male bias with Broad-billed but for Black-chinned the sex ratio is often 1:1. No female was gravid and few birds carried pollen. It seems like a year with few floral resources besides the reliable ones such as Ocotillo and Desert Willow. Ocotillo are finishing their bloom and Desert Willow is just starting. We appreciate the help of long-term volunteers Gary and Karina.

**Date:** 5/20/2018

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

**Banding Team:** LAURA DAVIS

**Assistants:**

**Time:**

**Number of Visitors:**

**Session Remarks:** No monitoring this session.

**Date:** 5/20/2018

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

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

**Assistants:** Alexis Stark, Fuji Daussin, and Larissa Grant

**Time:** 5:51– 10:51 AM

**Number of Visitors:** 14

**Session Remarks:** It's busy with the breeding species in the area. Black-chinned females are at the feeders early. Many are gravid and one was ready to lay an egg. She was recaptured within the hour after laying the egg. She had lost 0.55g. Black-chinned males did not enter the traps until later in the morning. Blue-throated and Rivoli's are common but females of these species were not gravid. We captured one Broad-billed, the species that nest just down the canyon and 2 Broad-tailed, the high elevation breeder. We captured two relatively old birds: a Black-chinned female that is at least 5 years old and a Rivoli's male that is at least 8 years old. Many birds return multiple times in the morning suggesting that there might be few floral resources. However, we detect at least 4 kinds of pollen on today's birds. It's a fun morning. Thanks to SWRS staff and volunteers for their help and support.



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**Date:** 5/20/2017

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

**Banding Team:** LEE ROGERS

**Assistants:** Bud & Debb Johnson and Jackie Lewis

**Time:** 5:30 – 10:30 AM

**Number of Visitors:** 0

**Session Remarks:** White, yellow and purple pollen were present. 6 females showed breeding condition. 1 Broad-tailed female, 1 Black-chinned female, 4 female and 1 male Rivoli's were molting. The Broad-billed flew around and through the traps during the session but were at the feeders before the traps went up and right after they came down. We can see bands on several as they feed outside of the banding session. The weather was sunny and calm. It was good to have Bud and Debb back even though they had to leave early for a fire fighter training class.

**Date:** 5/17/2017

**Location:** MONTEZUMA CASTLE NATIONAL MONUMENT

**Banding Team:** TINA GREENAWALT

**Assistants:** Wade Gurley, Shannon Finnerty, Carol Wentzel, and Michelle Chavez

**Time:** 5:27 – 10:27 AM

**Number of Visitors:** 0

**Session Remarks:** We had a fairly steady morning, but mainly because one BCHU was captured a total of 16 times. This is the second session this year with a really high number of recaps within a session for the same bird. It's been very dry in our area so hardly anything is blooming, which might be a reason for this. Otherwise we had a good session with a few recaps from 2017.

**Date:** 5/19/2017

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

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

**Assistants:** Suzy Hunter and Henry Johnson

**Time:** 5:27 – 10:27 AM

**Number of Visitors:** 2

**Session Remarks:** It's our first session for the season. Over 56% of the birds are returning from previous years. The birds are hungry, many return multiple times in the morning, and few are carrying pollen. Many Broad-tailed have some fat and are still completing their molt and few females are gravid. Also, many have worn tails and wing feathers. This suggests that many birds may have just arrived. Perhaps, the most interesting bird of the day is a juvenile Anna's female. Will more Anna's use this high elevation site? We appreciate the support of the staff and thank Suzy and Henry for their help this morning.



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## BRITISH COLUMBIA

**Date:**

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

**Banding Team:**

**Assistants:**

**Time:**

**Number of Visitors:**

**Session Remarks:** No report submitted at this time.

**Date:** 5/19/2017

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

**Banding Team:** WALLIS MOORE REID

**Assistants:** Yumi Kosaka, Else Mikkelsen, Meghan O'Connell Linda Saunders, Megan Scott, Rhys Sharry, and Roy WK Teo

**Time:** 5:30 – 10:30 AM

**Number of Visitors:** 0

**Session Remarks:** Feeder activity has picked up over the last couple of weeks, but rufous hummingbird abundance remains seasonally low. Nearly all the birds captured possessed little or no fat, which suggests that they're probably here to stay. Approximately a quarter of the females (6/22) examined were gravid. Two of the females had retained their juvenal rectices, and neither of them were in breeding condition. Plants presently in bloom on site include thimbleberry, salmonberry, black twinberry, black hawthorn, Pacific dogwood, red osier dogwood, trailing blackberry, *Sorbus sp.*, horse chestnut, lilac, rhododendron (cultivar), & magnolia (cultivar). There were also lots of bugs out (e.g. mosquitoes and midges). Thank you to everyone who assisted this morning.

**Date:** 5/19/2017

**Location:** LUMBY

**Banding Team:** GAIL LOUGHRIDGE, SUSAN LATIMER, AND KAREN SIEMENS

**Assistants:** Karen Siemens, Kent MacFarlane, Marnie Williamson

**Time:** 6:30 – 11:30 AM

**Number of Visitors:** 3

**Session Remarks:** The birds have arrived at the feeders in full force and we had a non-stop session with a trap count of 914. We banded 47 adult birds from all 3 species - Black Chinned: 1 male banded, 1 male recaptured (banded in 2017), Calliope: 27 banded (6 males, 21 females), 5 females recaptured (from 2012 - 2017); Rufous: 19 banded (5 males, 14 females), 2 females recaptured (from 2017).



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**Date:** 5/20/2017

**Location:** ROSSLAND

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

**Assistants:** Deyanne Davies, Edward Davies, and Mariah Davies

**Time:** 5:38 – 10:38 AM

**Number of Visitors:** 0

**Session Remarks:** This was our first session of the season – later than usual. (There were very few birds, none early in morning so previous session scheduled for May 6, 2018 was cancelled). The weather was good and the birds arrived steadily with a predictable lull in the 5<sup>th</sup> hour. Unfortunately during banding procedures Bander LS had a CAHU F die. Bander reviewed procedures. Bird had not appeared stressed previous to incident. Bander LS will review procedures especially handling during CP Breed check under observation of bander SLL at next opportunity likely June 3, 2018 session.

## COLORADO

**Date:** 5/23/2017

**Location:** MESA VERDE NATIONAL PARK

**Banding Team:** KAREN ORDEMANN

**Assistants:** Jane Pedersen, Steve Somora, Tish Varney, Diane Cherbak, Paul Morey, Cole Rankin, and Mary O'Brien

**Time:** 6:40 – 11:40 AM

**Number of Visitors:** 0

**Session Remarks:** This was our first session of the season, and we were curious to see how our new location and set-up worked. As some of you know, we had to make a bear-proof site, as the park had bear problems last summer (though they did not come near our site), requiring us to voluntarily quit banding mid-July, before we were able to process any juveniles. So guess what??? We quickly learned that the bear proof site is a must, as mama bear and her cub made their way down our road about mid-morning! Cole saw her and shoed her away, although she wasn't the most cooperative about being unwelcome! We captured 39 birds, mostly BCHU as expected, but 8 BTLH. We want to know if our birds are coming back to the new site, and the answer is yes! 18 of 39 birds were previously banded! But most exciting is what I was able to find on my 2007-2016 data base. At minimum, 3 birds have been back a lot! P40437- initially banded 5/13/15, returned 5/27/15 and returned 5/11/16! \*\*\*\*L89272 was initially banded on 8/1/12!!! Returned once more in 2012, twice in 2013 and once in 2014! L89467 was initially banded 7/17/13 and returned 7/16/14. So, TO CONCLUDE, the remaining 15 previously banded birds must have been first banded in 2017, as I do not have the complete data base for that year. Also, it could also mean that the 3 birds above may also have returned in 2017. A mystery I will try and solve! Great session! Thanks to all!



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## IDAHO

**Date:** 5/21/2017

**Location:** IDAHO CITY

**Banding Team:** JESSICA POLLOCK, HEIDI WARE, AND HEATHER HAYES

**Assistants:** Dave and Carol Wike, Danette Henderson, Katie Powell, Hilary Heist, and Barb Howard

**Time:** 6:15 – 11:15 AM

**Number of Visitors:** 6

**Session Remarks:** Second session of 2018. We captured two CAHU females that we had placed size D bands on both in 2016. Both birds caught this day had very tight bands with mild leg injury (too tight...but too tight to remove and replace without injuring). This was confirmation of our suspicions for our Idaho populations, and in 2016 we had changed to placing a minimum band size E on all CAHU females for this very reason. These two captures support the increased minimum band size and encourage us that for Idaho breeding CAHU, this was the right decision.

## MONTANA

**Date:** 5/21/2017

**Location:** MPG RANCH - FLOODPLAIN

**Banding Team:** ERIC RASMUSSEN

**Assistants:** Mary Scofield and Susan Nelson

**Time:** 6:58 – 11:58 AM

**Number of Visitors:** 0

**Session Remarks:** Delayed start due to rain. Temporarily moved site on 5/18/18 100 meters due to flooding river. Cool, wet morning with a calm breeze and low lying clouds. Visitations to feeders was slow to start, with only one male BCHU feeding several times. Later in the morning as the rain clouds moved further north we had some blue skies and sun break through, which brought warmer air temperatures. The last hour of the session had the remaining captures, one of which was a recapture BCHU male with partial leucism who has three white tail feathers.

**Date:** 5/22/2017

**Location:** MPG RANCH - MONTANE

**Banding Team:** ERIC RASMUSSEN

**Assistants:** Mary Scofield and Susan Nelson

**Time:** 6:31 – 11:31 AM

**Number of Visitors:** 0

**Session Remarks:** This morning had a warmer start than yesterday's session on the floodplain. Mostly cloudy skies cleared up for a short time in the second hour of the session, before returning for the remainder of the morning. No precipitation, but darker clouds visible to the north. Wind stayed mostly calm throughout the morning, and temperatures were gradually warming. We had 2 CAHU female recaptures, one of which was probably in the process of laying and nest building (she had visible spider silk on culmen and face).





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## NEW MEXICO

**Date:** 5/19/2017

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

**Banding Team:** LISA ROIG

**Assistants:** Joe Schmidt, Will Schmidt, Bob Walker, Bob Loy, and Keegan Tranquillo

**Time:** 6:20 – 11:20 AM

**Number of Visitors:** 0

**Session Remarks:** This first session of the season we saw quite a few gravid females. Both winter and spring have been warmer and drier than usual. The hummingbirds appear to be ahead of schedule for migration and breeding, since we normally don't have gravid females until the second banding session at the beginning of June. Almost half of our birds were recaptures; some have visited the site every year since we started in 2015. It's good to see old friends! We had a small but well-trained volunteer crew. Joe, Will, Bob and Bob are veterans with our banding program. Keegan is an experienced song-bird bander working at Bandelier for the 2018 season. He has worked with hummingbirds at east coast banding stations. Thank you to all volunteers!

## UTAH

**Date:** 5/21/2017

**Location:** ESCALANTE INTERAGENCY VISITOR CENTER

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

**Assistants:** Frank Venuti

**Time:** 6:09 – 11:09 AM

**Number of Visitors:** 21

**Session Remarks:** Numbers dramatically increased over the weekend prior to the banding session on Monday. We broke our record for total number of individuals captured in 2012, which was 47 birds. We are hoping that this is an indication that BCHU numbers are up this year for this site. For the first time we captured a CAHU early in the year. The earliest we have captured CAHU is in August during the migration.

**Date:** 5/23/2017

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

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

**Assistants:** Frank Venuti

**Time:**

**Number of Visitors:**

**Session Remarks:** This is the first session of the year for this site. Record numbers at this site at 50 individuals. Since the start of this banding station in 2010, the record for number of individuals during this session was 44 in 2012. Both BCHU sites hit record numbers.



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**Date:** 5/22/2017

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

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

**Assistants:** Frank Venuti

**Time:** 6:56 – 11:56 AM

**Number of Visitors:** 0

**Session Remarks:** This is the first session of the year for this site. 10 of the 15 individuals captured were returning (previously banded). The Visitor Center is still closed for the season and therefore there were no visitors.

**Date:** 5/19/2017

**Location:** TONAQUINT PARK, ST. GEORGE

**Banding Team:** TERRY TOLBERT AND SHAYLA BASILE

**Assistants:** Tate Wilkinson, Ashton Berret, Weston Ivison, Jessica Philpott, Julie McGarie, and Makelle Gardiner

**Time:** 6:18 – 11:18 AM

**Number of Visitors:** 6

**Session Remarks:** I had a lot of volunteers from the University to come help during this session and they will be able to help during the rest of the summer. The Desert Willows were in full bloom so the hummingbirds were more interested in feeding off of the flowers than in using the feeders.