



HMN Monitoring Summary

Session 13: 12 – 18 July 2018

Regional Summaries

ARIZONA

It was a busy session with high recapture rates, gravid females, juveniles, and migrants for Harshaw Creek; and they also observed the first case of Trichomoniasis that they've seen at the site. Rain loomed at Fort Huachuca, Mount Lemmon, and Paradise but with little to no impact on banding; and all three sites had good sessions with juveniles captured. SWRS had to cut their session an hour early because of the rain, but they captured 4 species, gravid females, and migrating Rufous. MOCA captured some more birds this session, including 4 recaptures.

BRITISH COLUMBIA

Although hummingbirds continue to migrate down the coast, they are no longer present at Francis King, which is a breeding site on the island, so all the stations reporting are on the mainland. Widgeon, in the east valley is seeing a lot of migration and the adult males have now left. In the interior, Rossland and Lumby are finally seeing juveniles and the males have begun to move.

COLORADO

Busy mornings for all three sites this session, and nesting seems to be winding down somewhat as more adult females are captured without signs of breeding. All three sites captured three species including Broad-tailed and Rufous, but Pingree Park had a Calliope and no Black-chinned like Mesa Verde and Dunton.

IDAHO

It was a slow session for the Idaho City team, but they captured Calliope and Black-chinned and the first juvenile of the year.

MONTANA

The Montane site captured 10 Calliope Hummingbirds, but they were ultimately thwarted by storms. The Floodplain site had a pleasant morning with all adults and the first female Rufous Hummingbird of the year.

NEW MEXICO

A very busy session for the Bandelier team, which was filled with birds, volunteers, and visitors! No juveniles yet, but there were plenty of Broad-tailed, Black-chinned, Calliope, and Rufous Hummingbirds.

UTAH

Good monitoring days for all the Utah sites, especially Wildcat with an all-time record of birds captured and the earliest Calliope Hummingbirds ever captured at the three sites. In addition, Rufous Hummingbirds had a presence at all three sites this session.



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TABLE 1. Summary of captured or visiting hummingbirds and trapping information for the monitoring session on July 12 – 18, 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
Arizona									
FH	6	0	59	4	3	86	41	1	0:17
HC	6	0	114	23	80	433	0	14	1:46
ML	4	0	45	2	23	24	193	0	0:00
MOCA	1	0	9	1	4	24	46	0	0:00
PA	2	1	20	2	2	6	26	0	0:00
SWRS	4	0	16	2	7	15	31	0	0:00
British Columbia									
GM	-	-	-	-	-	-	-	-	-
LU	3	0	27	0	0	53	157	15	1:29
RO	3	0	24	1	0	94	2	15	1:24
WM	2	0	51	2	5	30	77	0	0:00
Colorado									
DGS	3	0	43	6	28	280	36	4	1:33
MV	3	0	51	5	19	501	8	5	2:02
PP	3	0	49	2	8	3143	195	14	4:08
Idaho									
IC	2	0	13	1	2	14	93	0	0:00
Montana									
MPGF	3	0	16	0	0	2	14	0	0:00
MPGM	1	0	10	1	2	0	7	0	0:00
New Mexico									
PCBNM	4	0	56	0	20	4694	701	9	3:49
Utah									
CFCK	2	0	32	4	5	33	69	0	0:00
ESC	2	0	19	2	1	15	31	0	0:00
TQ	-	-	-	-	-	-	-	-	-
WCAT	4	0	61	17	23	30	20	0	0:00



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TABLE 2. Number of individuals of each species captured on July 12 – 18, 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
Arizona																	
FH			17	13	23					1				2	3		59
HC		3		85	20					3				2	1		114
ML			9					33				2		1			45
MOCA					9												9
PA				7	13							*					20
SWRS					10		4					1		1			16
British Columbia																	
GM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LU					1				10					16			27
RO					8				15					1			24
WM			1											50			51
Colorado																	
DGS					1			39						3			43
MV					25			5						21			51
PP								45	1					3			49
Idaho																	
IC					5				8								13
Montana																	
MPGF					5				6					5			16
MPGM									10								10
New Mexico																	
PCBNM					17			33	1					5			56
Utah																	
CFCK					16									16			32
ESC					11									8			19
TQ	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WCAT					5			31	2					23			61



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ARIZONA

Date: 7/13/2018

Location: HARSHAW CREEK, PATAGONIA MOUNTAINS

Banding Team: LEE ROGERS AND SUSAN WETHINGTON

Assistants: Gary Romig and Barbara Ellis

Time: 5:53 – 10:53 AM

Number of Visitors: 0

Session Remarks: It's another busy and interesting day here with amazing recapture rates for Broad-billed (96% for females, 87% for males). For Black-chinned 50% of the females are returning birds whereas only a third of the males are returning. Nesting continues as both Broad-billed and Black-chinned females are gravid. Migration is starting as well. We have a number of Selasphorus around the feeders. As it turns out, they are both adult male Allen's and Rufous. Perhaps, the most unexpected bird of the day is a juvenile female Rufous. Typically, adult male hummingbirds migrate first. So, it's really unusual for a juvenile to be migrating at the same time as the adult males. Another unusual event was the capture of a Black-chinned male with a deformed bill and a growth in its bill that looks like he has Trichomoniasis. Photos were taken. In all the years that we have banded, this is the first time to see this type of disease. We were fortunate that Gary was helping today. He sees Trichomoniasis in his pigeons so he could alert us to this new evidence for disease in hummingbirds.

Date: 7/15/2018

Location: PUBLIC AFFAIRS OFFICE, FORT HUACHUCA

Banding Team: LAURA DAVIS

Assistants: Laura Clawson, Dave Wood, Rachel Madsen, and Sara Jones

Time: 5:20 – 10:29 AM

Number of Visitors: 3

Session Remarks: We had a rain delay of 9 minutes in the last hour. Today we had 59 hummingbirds from 6 species: Anna's (17), Broad-billed (13), Black-chinned (23), Costa's (1), Rufous (2) and Violet-crowned (3). Just three hummingbirds were recaptures from previous dates (2014-2018). Hatch-year birds accounted for 39% of the hummingbirds. Pollen was observed on only four birds. With the recent rains, we hope to see more pollen soon. Many thanks to the Fort's Environmental and Natural Resources Division for supporting our program and to the Public Affairs Office for posting information on the Fort Huachuca Facebook page.

Date: 7/12/2018

Location: MONTEZUMA CASTLE NATIONAL MONUMENT

Banding Team: TINA GREENAWALT

Assistants: Shannon Finnerty and Carol Wentzel

Time: 5:16 – 10:16 AM

Number of Visitors: 0

Session Remarks: We were a little short staffed today, but it wasn't that busy. There was a pretty big storm that moved through the night before and finally brought significant rain to the area. We had 4 recaps, which accounted for about half of the birds we caught. I've heard reports of Rufous being in the area so we're hoping to capture some next session.



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Date: 7/14/2018

Location: STEWARD OBSERVATORY, MOUNT LEMMON, SANTA CATALINA MOUNTAINS

Banding Team: LEE ROGERS AND SUSAN WETHINGTON

Assistants: Anne-Laure Blanche, Casilda Quinones, and Clare Byrne

Time: 5:40 – 10:40 AM

Number of Visitors: 0

Session Remarks: Today, it's our turn to take over running the Mount Lemmon site. Thanks Laura for handling the first half of the season. We are lucky today. It's overcast and threatening rain all morning, but we are able to complete the entire session. To my surprise, there are a lot of juvenile Broad-tailed as well as Anna's individuals. For adult Broad-tailed, 74% are returning birds. These recapture rates continue to amaze me. In addition to Broad-tailed and Anna's, we capture a Rivoli's and an adult male Rufous. We would like to thank Anne-Laure, Casilda, and Clare for their help as well as David and Jim for their support of the site.

Date: 7/15/2018

Location: AMNH SOUTHWESTERN RESEARCH STATION, CHIRICAHUA MOUNTAINS

Banding Team: SUSAN WETHINGTON

Assistants: Elaine Moisan, Joe Redinger, Cameron Lockett, and Raissa Kemajor

Time: 5:40 – 9:40 AM

Number of Visitors: 17

Session Remarks: July Doldrums continue with most of the birds at the site being female Black-chinned and a few Blue-throated males. Nesting continues as well with at least two gravid female Black-chinned. Rufous migration is evident here as with other sites this session. We capture one adult male Rufous. Rain causes the session to end after 4 hours. Thanks to Cameron, Raissa, Elaine, and Joe for their help.

Date: 7/15/2018

Location: THE GEORGE WALKER HOUSE, PARADISE, CHIRICAHUA MOUNTAINS

Banding Team: LEE ROGERS

Assistants: Jackie Lewis and Mike Jacobi

Time: 5:30 – 10:30 AM

Number of Visitors: 1

Session Remarks: We had a mostly cloudy morning with rain starting just as we were ending. A Rufous and Broad-tailed (both adult male) came in as soon as the traps were down. Good numbers of Broad-billed again. 12 juveniles, no pollen, no migratory fat, and 5 birds in molt. One juvenile Black-chinned male had half of his tail with adult traits and the other half juvenile traits. 20 birds were about twice as many as were expected today.



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BRITISH COLUMBIA

Date:

Location: FRANCIS KING REGIONAL PARK, VICTORIA

Banding Team:

Assistants:

Time:

Number of Visitors:

Session Remarks: Finished for the 2018 season.

Date:

Location: GROUSE MOUNTAIN

Banding Team:

Assistants:

Time:

Number of Visitors:

Session Remarks: No report submitted at this time.

Date: 7/14/2018

Location: LUMBY

Banding Team: GAIL LOUGHRIDGE, LAURA MACPHERSON, AND SUSAN LATIMER

Assistants: Gail Kopp, Karen Siemens, Kent MacFarlane, and Marnie Williamson

Time: 6:45 – 11:45 AM

Number of Visitors: 0

Session Remarks: We had a good session with a trap count of 157 and 26 birds were banded (6 adults and 20 juveniles). All 3 species were banded with Rufous being the predominant one: Black-chinned (1 adult), 9 Calliope (4 adults; 5 juveniles) and 16 Rufous (1 adult; 15 juveniles).

Date: 7/14/2018

Location: WIDGEON MARSH REGIONAL PARK RESERVE, COQUITLAM

Banding Team: AZIM SHARIFF, ELSE MIKKELSEN, AND ROY WK TEO

Assistants: Alex Ho, Leah Purdy, Megan Scott, and Uriel Garcilazo

Time: 5:27 – 10:27 AM

Number of Visitors: 0

Session Remarks: The southward migration of Rufous Hummingbirds is in full swing. Adult males left the site about a week ago, and the females are presently moving through the site in decent numbers. As a result, the recapture rate today was quite low (5%). Although some HY birds were captured (11), it was fewer than expected. All the HYs, however, were in good shape with lots of fat. The ratio of female to male HYs is now 50:50. Plants presently in bloom on site include foxglove, fireweed, hardhack, purple loosestrife, trailing blackberry, Himalayan blackberry, red columbine, & Cooley's hedge-nettle. There were also lots of mosquitoes and midges out. Thank you to all the volunteers who assisted this morning.



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Date: 7/15/2018

Location: ROSSLAND

Banding Team: SHARON LELLIOTT

Assistants: Edward Davies, Deyanne Davies, and Fred Bushell

Time: 5:37 – 10:37 AM

Number of Visitors: 0

Session Remarks: Good day, BCHU Males migrating. First juveniles caught today.

COLORADO

Date: 7/13/2018

Location: MESA VERDE NATIONAL PARK

Banding Team: KAREN ORDEMANN

Assistants: Tish Varney, Dusty MacDougall, Roger MacDougall, Shar Short, Leslie Hayes, Diane Cherbak, and Michelle Hannington

Time: 6:02 – 11:02 AM

Number of Visitors: 1

Session Remarks: We had a very busy day today. There were 21 adult Rufous that visited today and they seem to be bulking up for travel since most of them had fat. We had one Blackchin with an egg (CP breed 8) whereas most of the females seem to be finished breeding. There was one juvenile Blackchin so we expect we will see more on our next session. Only a few birds had pollen so perhaps they were enjoying the nectar supply more than usual. Thank you to our great volunteers for all of their efforts!

Date: 7/15/2018

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

Banding Team: KIRA MONROE

Assistants: Shelley Spear, Will Spear, Holli Holmes, Sam Hudgens, and Adrian Monroe

Time: 6:32 – 11:32 AM

Number of Visitors: 14

Session Remarks: It was a cloudy day with consistent temperatures throughout the morning for our fourth session. We captured mostly adult Broad-tailed with 41 females and 3 males; but we were excited to capture our first Broad-tailed juvenile (female), Rufous (2 adult females and 1 adult male), and Calliope (1 adult male) of the season. Only 3 of the female Broad-tailed were gravid this session, and 17 of the Broad-tailed and none of the Rufous or Calliope had pollen. We also recaptured 2 Broad-tailed banded last year and 6 banded earlier this season. Thanks to veteran volunteers Shelley, Will, and Adrian and also our two CSU undergraduates Holli and Sam! The Mountain Campus staff continues to do a fantastic job maintaining the feeders, and we so appreciate their help!



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Date: 7/12/2018

Location: DUNTON GUARD STATION

Banding Team: KAREN ORDEMANN

Assistants: Mary Alexander, Susan Sante, Kathleen Turnbull, Sarah Wright, Maxx Wright, Joyce Stevenson, Lindsay Havran, Peter Foote, and Heather

Time: 6:29 – 11:29 AM

Number of Visitors: 2

Session Remarks: We had a much busier session this time. Perhaps the birds have readjusted to the feeders being back at the Guard Station. One of the recaptures was a BTLH female we banded in 2009! Many of the birds were showing more fat so perhaps they are bulking up for travel south. We had almost twice as many Broadtail females as males so it would appear the females have completed their nesting duties. Our Forest Service assistant, Peter, joined us and brought Heather, a BLM technician to help out. Thanks to our great group of volunteers.

IDAHO

Date: 7/14/2018

Location: IDAHO CITY

Banding Team: HEIDI WARE, HEATHER HAYES, AND LIZ URBAN

Assistants: Dave and Carol Wike, Barb Howard, and Liana Cabillas

Time: 6:20 – 11:20 AM

Number of Visitors:

Session Remarks: First Hatch-Year bird of the year, and we had a major lull (possibly related to high flower resources in the area+ stage in reproductive cycle). Adult male Calliope are almost certainly gone (haven't caught one for 2 sessions at least). 13 birds total = 8 CAHU with 7 Female/1 Male and 5 BCHU with 1 Female/5 Male.

MONTANA

Date: 7/13/2018

Location: MPG RANCH - FLOODPLAIN

Banding Team: ERIC RASMUSSEN

Assistants: Mary Scofield and Susan Nelson

Time: 6:08 – 11:08 AM

Number of Visitors: 6

Session Remarks: Warm morning with calm wind and clear, bright blue skies. The temperature started out very comfortable and quickly rose as the sun intensified. Thankfully the mosquitos at this site are much less voracious than in previous sessions. We had visitors to the MPG Ranch join us for the first hour. The first capture of the morning was right at the beginning of the session with the first female Rufous Hummingbird of the season. We ended the morning with 16 total captures and all of them were adults, so we are still waiting for our first immature hummingbirds of the season.



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Date: 7/17/2018

Location: MPG RANCH - MONTANE

Banding Team: ERIC RASMUSSEN

Assistants: Mary Scofield, Susan Nelson, and Carrie Voss

Time: 6:06 – 9:59 AM

Number of Visitors: 0

Session Remarks Warm morning start with light winds and threat of thunderstorm to the south. Slow start to the captures before sprinkling precipitation began around 08:20 and increase in feeder activity. Wind and precipitation level increased until 09:06 when we paused our trapping efforts until the system passed. The session began again at 09:40 and lasted only until 09:59 when increased wind and forthcoming thunderstorm ended our session early after only 3 hours and 53 minutes. Lingering rain and work restrictions the following day prevented us from making up the additional hour or so for the complete session.

NEW MEXICO

Date: 7/14/2018

Location: BANDELIER NATIONAL MONUMENT – PONDEROSA CAMPGROUND

Banding Team: LISA ROIG

Assistants: Joe Schmidt, Will Schmidt, Bob Loy, Beth Cortright, Bob Walker, Sarah Milligan, Keegan Tranquillo, Carolina May, Grace McCartha, Julie Shieldcastle, Cliff Hoyt, and Melanie Boncella

Time: 6:03 – 11:03 AM

Number of Visitors: 15

Session Remarks: This was a very busy session with many birds, many volunteers, and many visitors. The trap counts show that a huge number of birds are using the feeders (trap total = 4694 in 229 minutes of trap count mode). This is also reflected in the need to hang extra feeders (8 in all) and fill them every day. Monsoon rains just started a couple of days before this session, after several months of drought, so nectar resources have been suppressed. The rains will bring more flowers and we expect the birds will find other feeding options soon. We had all four species this session: black-chinned, broad-tailed, calliope, and rufous. We recaptured 20 birds from previous sessions, out of a total of 56. Surprisingly, we did not capture any juveniles this time, but we hope to start seeing them next session. Maybe the feeders are just too crowded for them right now? Julie Shieldcastle and Cliff Hoyt are visiting banders from Ohio. It was fun to share our western hummingbirds with them. We had 15 visitors from the campground, including some elementary school children and their parents. Thank you to our full contingent of assistants, which made for a lively session!



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UTAH

Date: 7/16/2018

Location: ESCALANTE INTERAGENCY VISITOR CENTER

Banding Team: TERRY TOLBERT AND LISA YOUNG

Assistants: Frank Venuti and Kylea Christensen

Time: 6:11 – 11:11 AM

Number of Visitors: 8

Session Remarks: Hummingbird numbers are interesting this year. During the middle of May session we hit record numbers. This session we were at an all-time low (excluding the first year banding at this site) with only 19 individuals. We observed numbers increase at our personal feeders the previous weekend and then decrease on Monday. Rufous arrived at our site during this session, whereas last year we did not have any.

Date: 7/17/2018

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

Banding Team: TERRY TOLBERT AND LISA YOUNG

Assistants: Frank Venuti and Kylea Christensen

Time: 6:12 – 11:12 AM

Number of Visitors: 4

Session Remarks: While total numbers were about average for this site, the total number of rufous (16 individuals) was a record for this session.

Date: 7/18/2018

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

Banding Team: TERRY TOLBERT AND LISA YOUNG

Assistants: Frank Venuti and Kylea Christensen

Time: 6:32 – 11:32 AM

Number of Visitors: 13

Session Remarks: An all-time record for Wildcat with 61 individuals this session. Also, the most Rufous we have caught during this session with 23 individuals. And finally, the earliest we have caught Calliope and the first two adult males at any of our three Utah sites.

Date:

Location: TONAQUINT PARK, ST. GEORGE

Banding Team:

Assistants:

Time:

Number of Visitors:

Session Remarks: Session cancelled. No supervising bander available.