



HMN Monitoring Summary

Session 10: 31 May – 6 June 2018

Regional Summaries

ARIZONA

Harshaw Creek captured 40 birds and SWRS captured 90 birds, but no juveniles were among those this session. Fort Huachuca and Mount Lemmon each captured 4 species and juveniles, but Fort Huachuca did not capture any previously banded birds this session. Paradise had a busy 100 bird day, including ~50% previously banded birds. Montezuma Castle captured their second new species of the season – a Broad-tailed Hummingbird!

BRITISH COLUMBIA

All teams are reporting and the breeding season is well underway across the province. With the increase in available resources, there has been a big drop in activity at the feeders, especially around traps, so numbers are down. The Lumby team was actually skunked – and we thank them for their patience. As always, thanks to all the dedicated teams.

COLORADO

It was the first session of the season for high elevation sites at Pingree Park and Dunton Guard Station, and only Broad-tailed Hummingbirds were captured, including quite a few gravid females. Black-chinned and Broad-tailed Hummingbirds were the species of the day for Mesa Verde, and inclusion of a film crew added to the enjoyable session.

IDAHO

4 banders made easy work of 40 birds captured during this visitor-filled third session.

MONTANA

Black-chinned and Calliope Hummingbirds were captured at the Floodplain site, including a Calliope with the site's first-ever observation of mites. All Calliope Hummingbirds were captured at the Montane site, including 5 females banded in previous years.

NEW MEXICO

Fire restrictions abound, the Bandelier team still had a great session with 58 birds, 24 of which were recaptures.

UTAH

Wildcat and Escalante captured a similar number of hummingbirds, but males were in the majority at Escalante and not at Wildcat. Calf Creek had another record-setting session while Tonaquint had a slow day given competition with abundant blooms in the area.



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TABLE 1. Summary of captured or visiting hummingbirds and trapping information for the monitoring session on May 31 – June 6, 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	4	1	28	1	0	17	15	0	0:00
HC	4	0	40	7	20	24	112	0	0:00
ML	4	0	70	16	35	80	75	4	0:40
MOCA	2	0	6	0	2	53	56	0	0:00
PA	4	1	100	15	52	257	215	3	0:29
SWRS	4	0	90	15	40	441	38	4	1:03
British Columbia									
GM	2	0	22	2	6	10	21	0	0:00
FK	2	0	23	0	1	35	488	0	0:00
LU	0	0	0	0	0	0	10	0	0:00
RO	3	0	13	0	2	16	46	1	0:04
WM	1	0	62	5	30	61	115	1	0:09
Colorado									
DGS	1	0	55	14	20	367	102	7	2:21
MV	2	0	47	14	23	250	15	5	2:00
PP	1	0	41	3	8	1183	150	15	4:16
Idaho									
IC	2	0	40	19	8	53	74	0	0:00
Montana									
MPGF	2	0	5	1	0	4	1	0	0:00
MPGM	1	0	9	4	5	2	12	0	0:00
New Mexico									
PCBNM	2	0	58	2	24	883	196	14	3:45
Utah									
CFCK	2	0	72	32	49	210	122	2	0:19
ESC	1	0	38	9	4	34	70	1	0:10
TQ	1	0	4	0	0	7	27	0	0:00
WCAT	2	0	41	14	20	18	101	0	0:00



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TABLE 2. Number of individuals of each species captured on May 31 – June 6, 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			13	5	9						1	*					28
HC			1	17	20					2							40
ML			6		1			59				4					70
MOCA					5			1									6
PA				3	62		*	2				33					100
SWRS				3	53		14					20					90
British Columbia																	
GM			2											20			22
FK			4											19			23
LU									*								0
RO					3				9					1			13
WM														62			62
Colorado																	
DGS								55									55
MV					43			4									47
PP								41									41
Idaho																	
IC					21				19								40
Montana																	
MPGF					2				3								5
MPGM									9								9
New Mexico																	
PCBNM					24			34									58
Utah																	
CFCK					71			1									72
ESC					38												38
TQ					4												4
WCAT					5			36									41



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ARIZONA

Date: 6/1/2018

Location: HARSHAW CREEK, PATAGONIA MOUNTAINS

Banding Team: LEE ROGERS AND SUSAN WETHINGTON

Assistants: Karina Hilliard, Gary Romig, and Liz Bernays

Time: 5:39 – 10:39 AM

Number of Visitors: 0

Session Remarks: The birds arrive at a steady pace early on but slow by the end of the session. The 4 species (BBLH, BCHU, ANHU, COHU) nesting at this site are captured this session, but only one Costa's and one Black-chinned female are gravid. About 50% are returning birds, and we do not capture any juveniles. At least one Costa's juvenile male is regularly observed at the flowers and some of the feeders, but he evades capture today. Perhaps, we'll catch him during the next monitoring session. Thanks to long-term volunteers: Gary, Karina, and Liz. It's a fun morning.

Date: 6/3/2018

Location: PUBLIC AFFAIRS OFFICE, FORT HUACHUCA

Banding Team: LAURA DAVIS

Assistants: Laura Clawson, Risa Dickson-Crawford, Meagan MacLaren Dettle, Sara Jones, Rachel Madsen, Dan Weisz, and Dave Wood

Time: 5:10 – 10:10 AM

Number of Visitors: 2

Session Remarks: Another fine morning at Fort Huachuca – 4 species, 28 hummingbirds: Anna's (13), Broad-billed (5), Black-chinned (9), and Lucifer (1). Rivoli's was observed but not captured. No previously banded hummingbirds today. About half of the birds were juveniles. 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: 6/3/2018

Location: AMNH SOUTHWESTERN RESEARCH STATION, CHIRICAHUA MOUNTAINS

Banding Team: SUSAN WETHINGTON AND MICHELE LANAN

Assistants: Brice Lawley, Virginia Lawley, and Branden Amsler

Time: 5:42 – 10:42 AM

Number of Visitors: 56

Session Remarks: It's a busy morning with birds and visitors!!!! Perhaps, the most unusual captures are 3 Broad-billed females. They are common at lower elevations, but until this year have been relatively rare at the station. It was a good session for capturing older birds, which included both 9 and 11 year old Rivoli's males, a 6 year old Black-chinned female, and both 5 and 7 year old Black-chinned males. It's great to see these older birds. Hopefully, next time we'll begin to capture hatch year birds. No young bird was captured this session. Thanks to Brice, Virginia, Branden, and Michele for their help today.



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Date: 6/3/2018

Location: THE GEORGE WALKER HOUSE, PARADISE, CHIRICAHUA MOUNTAINS

Banding Team: LEE ROGERS

Assistants: Bud & Debb Johnson, Jackie Lewis, and Michael Jacobi

Time: 5:20 – 10:20 AM

Number of Visitors: 2

Session Remarks: A busy day was expected and we were not disappointed. 100 birds in hand today. 52 were previously banded. White, purple and yellow pollens were present on a total of 34 birds. 19 females had a CP of 7 or 8. Oldest bird today was banded as an adult on 5/31/2009. Happy to have a new volunteer for the summer. Michael was a quick learner under Bud's tutelage.

Date: 5/31/2018

Location: MONTEZUMA CASTLE NATIONAL MONUMENT

Banding Team: TINA GREENAWALT

Assistants: Carol Wentzel, Shannon Finnerty, and Michelle Chavez

Time: 5:15 – 10:15 AM

Number of Visitors: 2

Session Remarks: We had another interesting (but slow) session. We got our first ever BTLH. This is a bit of an unusual species for this area. This is also the second new species we've had this season. We saw more gravid females today as well. There were a lot of birds flying around, but not too many entering the traps. Lots of trap checkers that seemed wary of the traps. It continues to be very dry in this area and it'll likely be another month before we have hope of any rain.

Date: 6/2/2018

Location: STEWARD OBSERVATORY, MOUNT LEMMON, SANTA CATALINA MOUNTAINS

Banding Team: LAURA DAVIS

Assistants: Carolyn Haldar and Ann Youberg

Time: 5:36 – 10:36 AM

Number of Visitors: 15

Session Remarks: Our second session for the year was busy with 70 hummingbirds, 4 species: Anna's (6), Black-chinned (1), Broad-tailed (59), and Rivoli's (4). Traps were busy, with trapper Ann having to stop and conduct trap counts four times during the morning. Sixteen of the birds returned a total of 38 times during the morning. Eight of the 32 (25%) females were gravid. Seven hummingbirds were juveniles: all of the Anna's and one Broad-tailed. Only 12 hummingbirds had pollen on them—not too many flowers out yet. The location of pollen on the Anna's was distinct from the other hummingbirds – Anna's exhibited yellow pollen on their throats while other hummingbirds had pollen on their upper mandibles. Fifty percent of the hummingbirds were previously banded. The oldest recapture was a Broad-tailed male originally banded May 20, 2012 as an adult, making him at least 7 years old. We enjoyed having the Fryeburg Academy high school group from Fryeburg, Maine visit us during the morning. Many thanks to the Steward Observatory for hosting this site!



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BRITISH COLUMBIA

Date: 6/3/2018

Location: FRANCIS KING REGIONAL PARK, VICTORIA

Banding Team: CHRISTINA LAM AND ALISON MORAN

Assistants: Julie Howe and Brian Ross

Time: 5:45 – 11:45 AM

Number of Visitors: 0

Session Remarks: Lots of activity, but birds mostly avoiding the traps for the last two hours.

Date: 5/31/2018

Location: GROUSE MOUNTAIN

Banding Team: DEVIN MANKY

Assistants: Bree Stoddart, Jane Paddon, Marilyn Harkness, Sharon Cocomile, Patrick Brown, and Tanya Hauswald

Time: 5:40 – 10:40 AM

Number of Visitors: 5

Session Remarks: A very good first session of the year here at Grouse Mountain! Weather had been warm in May and we were seeing numerous birds at the feeders but the last week was cold and without many blooms on top of the mountain we thought numbers would be under 10 but we trapped 22! Two beautiful male Anna's Hummingbirds in full adult plumage were the highlights. One re-trapped Rufous Hummingbird Female from 2016 had a band that had cut off circulation in her leg and the toes/foot had signs of necrotic tissue formation and the leg was swollen around the band. Removed the band but recovery for the leg/foot did not look promising. Bird was released un-banded. The rest of the birds were in really good body and feather condition and many females showed signs of breeding with swollen abdomens and one visible egg! We also hosted a reporter from CBC Radio with whom we went over the banding process, why we band/monitor, the Hummingbird Monitoring Network and how people can help hummingbirds in their own yards. Thanks as always to our team members who came to help.

Date: 6/2/2018

Location: LUMBY

Banding Team: GAIL LOUGHRIDGE, SUSAN LATIMER, KAREN SIEMENS, BARB HARRIS, AND LAURA MACPHERSON

Assistants: Louise Breneman and Gail Kopp

Time: 6:30 – 11:30 AM

Number of Visitors: 0

Session Remarks: The honeysuckles and other wild flowers came into full bloom this week and it was like a tap had been turned off at the feeders. After a trap count of 914 at our last session, we had 1 trap checker early in the first hour and 0 birds seen at the feeders or in the area for the remainder of today's session.



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Date: 6/2/2018

Location: WIDGEON MARSH REGIONAL PARK RESERVE, COQUITLAM

Banding Team: ANA MENDES AND WALLIS MOORE REID

Assistants: Janelle VanderBeek, Leah Purdy, Rhys Sharry and Roy WK Teo

Time: 5:25 – 10:25 AM

Number of Visitors: 0

Session Remarks: Rufous Hummingbird numbers have been steadily increasing over the past week. Unfortunately, the feeders have also attracted the attention of bears. Consequently, we have had to relocate all the feeders and trap stands from their normal spots. As a result, the hummingbirds were a little skittish approaching the traps this morning. So far this season, we have only observed Rufous Hummingbirds at the site. The sex ratio of the birds is presently 1:1 (29 males to 33 females). Approximately half the birds caught this morning were recaptures (30/62). Most of the birds were in good body condition with fat reserves, including our first HY bird of the season. Only 3 of the females captured were gravid. I suspect most of them are already on nests or raising young. Plants presently in bloom on site include thimbleberry, Pacific ninebark, red osier dogwood, red columbine, foxglove, goatsbeard, trailing blackberry, lilac, catmint, Dame's rocket, buttercups, salmonberry (late), Pacific bleeding heart (late), horse chestnut (late), & rhododendron (late). Thank you to all the volunteers who assisted this morning. Also, I would like to thank Metro Vancouver Regional Park staff for setting up an electric (bear) fence.

Date: 6/3/2018

Location: ROSSLAND

Banding Team: SHARON LELLIOTT AND LINDA SZYMKOWIAK

Assistants: Edward Davies, Mariah Davies, Hanne Smith, and Chantal Pineau

Time: 5:33 – 10:33 AM

Number of Visitors: 1

Session Remarks: Number of birds decreased markedly compared to last session (13 compared to 34). Only one RUHU female was captured. Almost half of birds had pollen so there was more forage for birds. Birds became trap shy, checking but not entering traps.

COLORADO

Date: 6/3/2018

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

Banding Team: KIRA MONROE

Assistants: Bonnie Hanser, Ron Hanser, Alexis Conley, Samantha Levine, and Adrian Monroe

Time: 6:36 – 11:36 AM

Number of Visitors: 10

Session Remarks: We had a beautiful day for our first session of our second season at CSU Mountain Campus, and we were anxious to see if we would get some recaptures from our first season. We were thrilled to see 8 Broad-tailed Hummingbirds return, including 4 gravid females! We had a full crew of fantastic volunteers and a few visitors that trickled in throughout the session. A huge thank you to the Mountain Campus staff for hosting us and maintaining the feeders again this year!



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Session 10: 31 May – 6 June 2018

Date: 6/6/2018

Location: MESA VERDE NATIONAL PARK

Banding Team: KAREN ORDEMANN

Assistants: Jane Pedersen, Steve Somora, Tish Varney, Diane Cherbak, Cole Rankin, and Melinda McFarland

Time: 6:20 – 11:20 AM

Number of Visitors: 3

Session Remarks: We captured 47 birds: we had a number of gravid females (7 or better): 14 - all BCHU-F. Interestingly, all came in in the last 3 hours, none in the first 2 hours. We had one BTLH-F (L89467) who was first banded 7-17-13 and returned 7-16-14. This bird is at least 5 years old, coming back to see us again! We had a fun film crew from Silver Fir Media in Chicago with us for most of the day. Donald O'Brien, Aren Zolninger, and Mollie Nye had permission from the MV Director of Interpretation to film our project for possible use in a 5-minute film. The film that may feature our project is one of 3 that they are doing for the park and will be shown on the visitor center screen. They filmed a lot and were very respectful of our need to be working! (interestingly, one of the filmmakers lives on the same street in Chicago where Steve and I lived for 30 years!) We had a rare experience with a bird= at 7:11, we captured a BCHU-F who was totally missing one of her legs. The bird returned to be captured again some time later. The decision was made to not place a band on the remaining leg. Thanks to all our volunteers who were so welcoming to the film crew, and to your commitment to our project. It's fun to see it through other's eyes.

Date: 6/5/2018

Location: DUNTON GUARD STATION

Banding Team: KAREN ORDEMANN

Assistants: Kathleen Turnbull, Mary Alexander, Barb Headley, Mary O'Brien, Lille Diane, Susan Sante, and Bonnie Devereaux

Time: 6:37 – 11:37 AM

Number of Visitors: 0

Session Remarks: Our first session of the year was very busy. Our usual dedicated volunteers and some enthusiastic new additions were present today to help monitor. We missed our star recorder, Phil Kemp, today but hope he will be able to rejoin us later in the season. We only captured Broadtails today and more than twice as many males as females. Most of the females showed a CP Breed of 5 or greater so they should be nesting soon. One female was originally banded in 2010 and was showing a CP breed of 9! Thank you to our volunteers for keeping the feeders filled, traps in good shape, cabin clean, and monitoring running smoothly.



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IDAHO

Date: 6/5/2018

Location: IDAHO CITY

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

Trainees: Katie Powell and Jessie Sherburne

Assistants: Dave and Carol Wike, Barb Howard, Helen Dean, Danette Henderson, and Iris Henderson

Time: 6:00 – 11:00 AM

Number of Visitors: (60 total): New Roots, Sage School (Hailey), 10 additional visitors

Session Remarks: Third session of 2018. No trap closures required today. 4 experienced banders in addition to two experienced data recorders kept processing very efficient. As the school groups arrived, having a full crew allowed for an IBO educator to field questions from the visitors allowing the banding team to stay very focused. Worked great.

MONTANA

Date: 6/1/2018

Location: MPG RANCH - FLOODPLAIN

Banding Team: ERIC RASMUSSEN

Assistants: Mary Scofield and Susan Nelson

Time: 6:30 – 11:30 AM

Number of Visitors: 0

Session Remarks: Cold and damp start to the morning with light sprinkles for first 20 minutes and heavy rain clouds above. Original banding site is still flooded, so we continue to band at site about 100m away from original. There was a light to moderate wind throughout the banding session, which was helpful with the dense mosquitos in area. The sun did make a small appearance near the end of the session, but mostly cloudy throughout. One interesting thing we found during the banding was a few feather mites on a CAHU female under her chin—the first time we've seen mites.

Date: 6/6/2018

Location: MPG RANCH - MONTANE

Banding Team: ERIC RASMUSSEN

Assistants: Mary Scofield and Susan Nelson

Time: 6:12 – 11:12 AM

Number of Visitors: 0

Session Remarks: The morning started off a little cold with blue skies, high cirrus clouds, and calm winds, which quickly warmed up to a nice day with lovely sunshine. Our banding session started off rather quickly with a couple captures right away, before a few hours of low activity, followed by another set of captures just before the end of the session. We recaptured 5 CAHU females from previous years, some which had been originally banded on the MPG-FLOODPLAIN site two years ago. Most of the hummingbirds had visible orange pollen on their culmen, which may correspond with the recent bloom of summer wildflowers at the higher elevations.



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NEW MEXICO

Date: 6/2/2018

Location: BANDELIER NATIONAL MONUMENT – PONDEROSA CAMPGROUND

Banding Team: LISA ROIG

Assistants: Joe Schmidt, Will Schmidt, Bob Loy, Beth Cortright, Linda Boncella, Melanie Boncella, Ryan Gaul, Keegan Tranquillo, and Sarah Milligan

Time: 6:14 – 11:14 AM

Number of Visitors: 0

Session Remarks: We saw many gravid females, both broad-tailed and black-chinned. Twenty-four out of fifty-eight captures were re-captures. The weather continues to be hot and dry, but we were permitted to band in spite of Stage 3 fire restrictions in Bandelier, Santa Fe National Forest, Los Alamos County and Los Alamos National Laboratory. The spring wildflowers seem to be sparse this year. However, the New Mexico locust is blooming abundantly near the banding site. Thanks to our large crew of volunteers, who always make the sessions run smoothly. Special thanks to Joe Schmidt for organizing the rotation of volunteers through the monitoring day tasks, and to Bob Loy who serviced the feeders while I was out-of-town.

UTAH

Date: 6/4/2018

Location: ESCALANTE INTERAGENCY VISITOR CENTER

Banding Team: TERRY TOLBERT AND LISA YOUNG

Assistants: Frank Venuti

Time: 6:12 – 11:12 AM

Number of Visitors: 38

Session Remarks: Third session of the year. We saw an unusual number of new males coming through this session. Last session, females increased and males represented 96% of the total captured. This session, 92% of individual captures were males.

Date: 5/31/2018

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

Banding Team: TERRY TOLBERT AND LISA YOUNG

Assistants: Frank Venuti

Time: 6:14 – 11:14 AM

Number of Visitors: 1

Session Remarks: Record numbers for this site again. BCHUs and one BTLH totaled 72 birds, with the previous record this time of year being 44. Also, 68% of the birds were banded previously with one BCHU returnee being at least 9 years old.



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Session 10: 31 May – 6 June 2018

Date: 6/6/2018

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

Banding Team: TERRY TOLBERT AND LISA YOUNG

Assistants: Frank Venuti, Autumn Serna, and Brittany Fagg

Time: 6:22 – 11:22 AM

Number of Visitors: 4

Session Remarks: Mostly BTLHs with 5 BCHUs. Males represent a little less than half of the birds.

Date: 6/2/2018

Location: TONAQUINT PARK, ST. GEORGE

Banding Team: TERRY TOLBERT AND SHAYLA BASILE

Assistants: Ashton Berret, Weston Ivison, Elizabeth Bento, and Kylea Chrisitensen

Time: 6:13 – 11:13 AM

Number of Visitors: 1

Session Remarks: The University volunteers were here and eager to help. There were a lot of blossoms out this session so only a few hummingbirds went into the traps. The volunteers are gaining a lot of experience and getting the hang of things.