



HMN Monitoring Summary

Session 10: 30 May – 5 June 2019

Regional Summaries

ARIZONA

Fort Huachuca captured 25 hummingbirds (Anna's, Black-chinned, and Broad-billed), and only 5 were recaptures from previous years. Another slow week for MOCA, but no bee issues this time around. Another quiet morning for Harshaw Creek with only 4 birds captured. The Broad-tailed have just arrived at Mount Lemmon. It was another busy session at the Southwestern Research Station; they captured 95 birds, including the first juveniles of the year and an older female Black-chinned with leucistic feathers. The Paradise team captured 49 hummingbirds of four species this session and among their captured were birds with pollen, signs of breeding, fat, and molt.

BRITISH COLUMBIA

The interior of BC is now in a lull, as resources become abundant. Widgeon Marsh is still experiencing low numbers, but they had their first HY Anna's for this year.

COLORADO

Mesa Verde only captured 3 hummingbirds, all Black-chinned, this session. Other birders in the area are reporting on and off abundance at feeders. In stark contrast, Dunton's first session of the year was the busiest monitoring session they've ever had! Pingree Park had an unusual start to the season with moose visitors, 2 weather delays, and a lot of student volunteers.

IDAHO

It was a busy first public session for the Idaho City team, with 84 birds captured and 60 visitors. A female Black-chinned with a punctured crop and sticky feathers was the interesting catch of the day.

NEW MEXICO

The Bandelier had perfect weather for this session, and more than half of the birds captured were recaptures. Recaptures included birds captured together in previous sessions.

MONTANA

There were abundant nectar resources at both sites. The montane site was quiet this session, but they still captured 2 Calliope Hummingbirds. The floodplain site captured a total of 22 hummingbirds, including the first Black-chinned of the season.

UTAH

Another slow session for the three Utah sites. Escalante captured 3 Black-chinned and Calf Creek captured 1, while Wildcat captured 14 Broad-tailed.



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TABLE 1. Summary of captured or visiting hummingbirds and trapping information for the monitoring session on May 30 – June 5, 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
Arizona									
HC	3	1	4	0	1	26	42	0	0:00
FH	3	1	25	2	5	13	64	0	0:00
ML	1	1	26	5	11	16	71	0	0:00
MOCA	1	0	6	0	2	21	78	0	0:00
PA	4	0	49	4	26	40	156	0	0:00
SWRS	5	0	95	12	51	200	218	4	0:40
British Columbia									
FK	-	-	-	-	-	-	-	-	-
LU	1	1	2	0	0	1	3	0	0:00
RO	3	0	10	0	3	1	60	1	0:03
WM	2	0	12	1	1	5	23	0	0:00
Colorado									
DGS	2	0	57	21	20	425	71	9	2:42
MV	1	1	3	0	0	6	1	0	0:00
PP	1	0	34	1	11	1917	49	14	4:14
Idaho									
IC	2	0	84	43	11	494	234	14	1:54
Montana									
MPGF	2	2	22	3	4	11	0	0	0:00
MPGM	1	0	2	0	1	0	4	0	0:00
New Mexico									
PCBNM	2	0	56	1	35	398	87	16	2:40
Utah									
CFCK	1	0	1	0	0	1	2	0	0:00
ESC	1	0	3	0	2	4	14	0	0:00
WCAT	1	0	14	1	3	13	47	0	0:00



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TABLE 2. Number of individuals of each species captured on May 30 – June 5, 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			10	3	12												25
HC			*	1	2					1							4
ML								26				*					26
MOCA					6												6
PA				1	30			3				15					49
SWRS				3	58		11	1				22					95
British Columbia																	
FK	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LU					2									*			2
RO					4				5					1			10
WM			1											11			12
Colorado																	
DGS					1			56									57
MV					3												3
PP								34									34
Idaho																	
IC					33				51								84
Montana																	
MPGF					8				14								22
MPGM									2								2
New Mexico																	
PCBNM					23			33									56
Utah																	
CFCK					1												1
ESC					3												3
WCAT								14									14



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ARIZONA

Date: 6/1/2019

Location: HARSHAW CREEK, PATAGONIA MOUNTAINS

Banding Team: SUSAN WETHINGTON AND LEE ROGERS

Assistants: Gaby Samaniego, Matt Franz, Elise Misiorowski, and Valerie Neale

Time: 5:25 – 10:25 AM

Number of Visitors: 0

Session Remarks: It's a quiet morning. More birds are flying around, but they are visiting flowers and not feeders. Still an enjoyable morning. Thanks all.

Date: 6/2/2019

Location: AMNH SOUTHWESTERN RESEARCH STATION, CHIRICAHUA MOUNTAINS

Banding Team: SUSAN WETHINGTON AND MICHELE LANAN

Assistants: Elaine Moisan, Alina Downer, Katy Purdic, Jeff Oliver, Margaret Wilch, and Tianyi Xu

Time: 5:40 – 10:40 AM

Number of Visitors: 55

Session Remarks: It's another busy day; we capture all the common breeding species in the Chiricahuas including Broad-billed and Broad-tailed who are more abundant at other elevations. The oldest bird, a Black-chinned female who is at least 8 years old, has developed more leucistic (white) feathers over the years. During first two capture years (2012-2013) there are no white feathers noted in comments, white feathers on head and back in 2016-2017, and now in 2019 there are white wing and tail feathers as well. We capture two Broad-Billed females at the same time. They were also captured on the same day in 2018. Hmmmmm. It's a major start for nesting with 20 of 50 BCHU females gravid and 2 of 7 RIHU gravid. The first juveniles of the year are 2 RIHU M. And the hummers are carrying up to 6 kinds of pollen. Great day for monitoring and with an incredible team. Thanks.

Date: 6/2/2019

Location: PUBLIC AFFAIRS OFFICE, FORT HUACHUCA

Banding Team: LAURA DAVIS

Assistants: Laura Clawson, Birdy Johnson, Dave Wood, Karen Gravely, and Karyn Faust

Time: 5:08 – 10:08 AM

Number of Visitors: 2

Session Remarks: We had three species, 25 hummingbirds: Anna's (10), Black-chinned (12), and Broad-billed (3). Only 5 hummingbirds (20%) were recaptures from previous dates (2015 and 2018). We had a total of 14 males and 11 females. The females were Broad-billed (2), Black-chinned (4), and Anna's (5). Three hatch-year hummingbirds were banded today: one male and one female Anna's, and one female Broad-billed. Breeding condition was observed for two Black-chinned (7 and 8) and two Anna's (7 and 8). Pollen was observed on three hummingbirds (12%). 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: 6/2/2019

Location: THE GEORGE WALKER HOUSE, PARADISE, CHIRICAHUA MOUNTAINS

Banding Team: LEE ROGERS

Assistants: Jackie Lewis, Bud Johnson, Debb Johnson, Benjamin Rundall, and Natali Rundall

Time: 5:15 – 10:10 AM

Number of Visitors: 2

Session Remarks: 17 birds came in with white pollen, 7 with purple and 5 with yellow. One male Black-chinned had measurable fat. 10 females showed signs of breeding and one female Rivoli's was molting primaries. One male and one female Black-chinned were banded as adults in 2013. One female Rivoli's was banded as a juvenile in 2013. I think the quote of the day was from one of our new volunteers. "Capturing my first hummingbird was more stressful than giving my first briefing." Thank you, Ben and Natali for driving down from Mesa for the banding session!

Date: 5/30/2019

Location: MONTEZUMA CASTLE NATIONAL MONUMENT

Banding Team: WADE GURLEY

Assistants: Carol Wentzel, Steve Cunningham, Heidi Cunningham, Sage Bylin, and Pat Palmer

Time: 5:37 – 10:37 AM

Number of Visitors: 1

Session Remarks: We had another slow week. The bee issues from last week were resolved and not a problem this session. Between a new bander and new trappers we had a few escaped birds, we will work to resolve this at future sessions. The highlight of our morning was watching a female cardinal chase a large lizard around the trap area for a while – we never figured out if she was defending territory or going after a rather large and unusual snack.

Date: 5/30/2019

Location: STEWARD OBSERVATORY, MOUNT LEMMON, SANTA CATALINA MOUNTAINS

Banding Team: SUSAN WETHINGTON

Assistants: Casilda Quinones, Clare Byrne, and Gabriela Samaniego

Time: 5:33 – 10:33 AM

Number of Visitors: 0

Session Remarks: The Broad-tailed have returned. The sound of whistling wings of the adult males fills the air. Some females are gravid but no obvious eggs yet. It seems like the birds have just returned. One female comes back 7 times. Interestingly, she's gravid. It's a fun morning and a great team.



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BRITISH COLUMBIA

Date: 6/2/2019

Location: FRANCIS KING REGIONAL PARK, VICTORIA

Banding Team:

Assistants:

Time:

Number of Visitors:

Session Remarks: No report submitted at this time

Date: 6/1/2019

Location: LUMBY

Banding Team: BARB HARRIS AND SUSAN LATIMER

Assistants: Gail Loughridge, Karen Siemens, Laura MacPherson, and Marnie Williamson

Time: 6:00 – 11:00 AM

Number of Visitors: 0

Session Remarks: The honeysuckles and other wild flowers came into full bloom this week and by May 28 there was a great reduction in the number of birds visiting the feeders. Although we only had 1 visitor and 3 trap checkers during the session, 2 adult male Black-chinned were captured and banded.

Date: 6/2/2019

Location: ROSSLAND

Banding Team: LINDA SZYMKOWIAK AND SHARON LELLIOTT

Assistants: Deyanne Davies, Mackenzie Ropas, Fred Bushell, Don Hooper, Trevor Houlden, Beth Bromley, and Tara Humphries

Time: 5:30 – 10:30 AM

Number of Visitors: 0

Session Remarks: The number of birds was less than expected. They were trap shy. We captured and banded one RUHU female. There were no male RUHU observed. We captured 3 BCHU females, all showing swelling and one with spider web on bill. We had 2 more new volunteers trained on trapping and counting birds.



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Session 10: 30 May – 5 June 2019

Date: 6/1/2019

Location: WIDGEON MARSH REGIONAL PARK RESERVE, COQUITLAM

Banding Team: ELSE MIKKELSEN AND WALLIS MOORE REID

Assistants: Uriel Garcilazo, Samantha Horacek, Azim Shariff, Crystal Simmons, and Roy WK Teo

Time: 5:30 – 10:30 AM

Number of Visitors: 0

Session Remarks: Despite an increase in rufous hummingbird abundance in the Lower Mainland and the Fraser Valley, the birds have been slow to move north of the Fraser River into Widgeon Marsh. This combined with an abundance of flowering plants on site resulted in a slow session with only 12 hummingbirds captured. One of the birds included the first (HY) Anna's hummingbird of the season. Plants presently in bloom include thimbleberry, trailing blackberry, Pacific ninebark, red osier dogwood, Pacific bleeding hearts, red columbine, goatsbeard, black twinberry, orange honeysuckle, fringe cups, large-leaved avens, miners' lettuce, foxglove, Nootka rose, meadow buttercup, Scotch broom, dame's rocket, purple columbine, magnolia (cultivar), dogwood (cultivar), lilac, rhododendron, catnip, sage, thyme, mountain laurel. Although the mosquitoes weren't bad, there was an abundance of blackflies.

COLORADO

Date: 6/4/2019

Location: DUNTON GUARD STATION

Banding Team: KAREN ORDEMANN

Assistants: Phil Kemp, Mary Alexander, Mary O'Brien, Michelle Hannington, and Susan Sante

Time: 6:28 – 11:38 AM

Number of Visitors: 0

Session Remarks: Opening day in 2019 at Dunton was the biggest day we have ever had in our 12 years we've been monitoring here. 88 birds were brought to the table. 57 were fully measured (1 lone black-chinned, the rest were all broadtails). 21 were same day recaptures (several of those numerous times). Apparently, some hungry buggers. Our volunteers doing the trapping thought they were feisty too! There were 3 times more males than females. Also, there were 20 same day recaptures just in the last hour of monitoring! Our hummingbirds showed little wear and 6 of the females were in breeding condition. A great start to the season! We also had a treat driving up in the morning; over 30 elk were seen along our route.



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Date: 6/5/2019

Location: MESA VERDE NATIONAL PARK

Banding Team: KAREN ORDEMANN

Assistants: Jane Pedersen, Steve Somora, Kathleen Adams, Leslie Hayes, Diane Cherbak, Roger Mac Dougal, Chetenne Laeske, and Herb Didier

Time: 6:35 – 11:35 AM

Number of Visitors: 0

Session Remarks: Surprise, surprise...for the second session of the season, we again had no birds. Early we managed to capture 3 BCHU-M, who, at least, needed new bands. There were a few birds around, but they did not come to the feeders. There are flowers in the park, but that hasn't affected our numbers in the past. There had been a storm in the park the day before, which included soft, hail like drops. Many thanks to our dedicated volunteers, who tolerated the slow day. No one felt overworked! Local hummer watchers at about the same altitude are reporting activity at their feeders coming off and on—some days a lot, others quiet. My home feeders (8400'-not near the park) still seem to be used by only 3 hummers. Hoping for better sessions in the future!

Date: 6/1/2019

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

Banding Team: KIRA MONROE

Assistants: Jacob Bopp, Megan Schulz, Brenna Funk, Morgan Bappe-Cordova, Gwen Torres, Valeria Aspinall, Ayaka Paul, Isabel Dritz, Kiera Denehan, and Torrey Stephenson

Time: 7:27 AM – 12:42 PM

Number of Visitors: Unknown

Session Remarks: Our first session of 2019 started off cold and with a calf and two bull moose in the clearing. It took about 1.5 hours to warm up enough to start banding! Showers and storms were moving through the area, too, and we had a short rain delay during the session. Considering that it snowed earlier in the week, the weather seems on par with the chilly, wet spring we've been having. We captured 36 Broad-tailed Hummingbirds—16 females, 20 males, and 11 recaptures. It seems like there are fewer birds overall than the past two years. One female, adult recapture was banded here in 2017! A few gravid females were captured, and there were no birds with pollen, as flowers are scarce. The CSU students at Mountain Campus were excited about the opportunity to help monitor hummingbirds, so we had a plethora of volunteers and watchers. We enjoyed their enthusiasm! A huge thank you to all of the Mountain Campus staff that make this site possible!



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IDAHO

Date: 6/5/2019

Location: IDAHO CITY

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

Assistants: Kevin Trombly, Barb Howard, Iris Henderson, Danette Henderson, Jennifer Alban, Martha Weiler, Linda Paul, Denise Hughes, and Helen Dean

Time: 6:05 – 11:05 AM

Number of Visitors: 60

Session Remarks: First public session of the 2019 hummingbird banding season. Very active trapping from the opening of the nets. Despite 4 banders working most of the morning, the traps needed to be closed 14 times for a total of nearly 2 hours. The shuttle system continues to be a wonderful system for transporting guests to the site. Heidi provided constant education and interaction with the visitors. This made the banding/data recording management much more fluid. One female CAHU was caught 8 times. We captured a female BCHU and noted her entire body was very sticky and covered in what we thought was dried tree sap. The bird was released fairly quickly after trying to clean her a bit. She was recaptured a few hours later and it was discovered she had a puncture in her crop and only a portion of the nectar was making it into her system. That explained why her feathers were covered in a dried, crusty, sticky substance. Upon some internet searching we learned that punctured crops are documented frequently in chickens and captive pigeons, and if the puncture is high enough up on the crop, the healing success rate can be high. We banded her and hope to recapture her to document this crop healing. She had good fat and muscle mass.

MONTANA

Date: 5/30/2019

Location: MPG RANCH - FLOODPLAIN

Banding Team: ERIC RASMUSSEN

Assistants: Mary Scofield, Lesley Rolls, and Susan Nelson

Time: 5:54 – 10:54 AM

Number of Visitors: 0

Session Remarks: Cool morning with hazy skies started off rather busy with hummingbird activity and tapered off by the second hour of the session. The day warmed up quickly, and ended as our warmest session to date. We captured our first female BCHU of the season today. Activity picked back up right in the last 40 minutes of the session. Haze in skies possibly from fires to our north in Alberta. Even more wildflowers are in bloom now, including Choke Cherry, Lupine, Paint Brush, Death Camas, Bitterbrush, and Bluebells.



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Location: MPG RANCH - MONTANE

Banding Team: ERIC RASMUSSEN

Assistants: Mary Scofield and Susan Nelson

Time: 6:08 – 11:08 AM

Number of Visitors: 0

Session Remarks: Cool and calm morning with minimal clouds and bright sun that warmed quickly with increasing breeze. Activity at feeders was slow throughout the session, but a male CAHU was observed displaying nearby several times during the morning. The wildflowers are in full bloom now including the Paintbrush, Penstemon, Service berry, Hawthorn, and Bitterroots. We only captured one male and one female CAHU for the morning, both of which had visible pollen on their culmens and heads.

NEW MEXICO

Date: 6/1/2019

Location: BANDELIER NATIONAL MONUMENT – PONDEROSA CAMPGROUND

Banding Team: LISA ROIG AND BOB LOY

Assistants: Will Schmidt, Joe Schmidt, Beth Cortright, Keegan Tranquillo, Dulce Flores, and Sarah Milligan

Time: 6:04 – 11:04 AM

Number of Visitors: 6

Session Remarks: The weather was perfect for banding, temperature in the high 60s with calm wind and clear sky. Thirty-five of 56 birds captured were recaptures. We saw several incidences of birds that were captured together in previous sessions and together again during this session. Here are some examples:

BTLH males

Band No.	5/7/2016	5/21/2016	7/3/2016	5/21/2017	6/17/2017	7/1/2017	6/1/2019
K32347	banded	recap		recap	recap	recap	recap
K32458		banded					recap
K32462		banded	recap	recap			recap



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Band No.	6/3/2017	6/17/2017	5/19/2018	6/2/2018	6/1/2019
K35356	banded			recap	recap
K35367	banded	recap	recap		recap
K35375		banded			recap

BTLH females

Band No.	6/2/2018	6/30/2018	7/28/2018	8/11/2018	6/1/2019
K40306	banded	recap			recap
K40403	banded		recap	recap	recap
K40409	banded	recap			recap
K40471		banded			recap
K40472		banded			recap

BCHU males

Band No.	5/21/2017	7/1/2017	6/2/2018	6/1/2019
K35283	banded			recap
K35347	banded	recap	recap	recap

Band No.	6/3/2017	7/15/2017	5/19/2018	7/14/2018	6/1/2019
K35355	banded	recap	recap	recap	recap
K35366	banded				recap



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BCHU females

Band No.	8/13/2015	6/4/2016	7/30/2016	8/13/2016	5/21/2017	6/3/2017	7/1/2017	6/1/2019
K32221	banded	recap	recap	recap	recap			recap
K32222	banded					recap	recap	recap

The two BCHU females are the oldest birds recaptured during this session. Both were adults when banded, making them at least 5 years old. Thank you to Bandelier National Monument and our excellent volunteer team!

UTAH

Date: 5/30/2019

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

Banding Team: TERRY TOLBERT AND LISA YOUNG

Assistants: Jacob Hart, Frank Venuti, Allison Francis, and Janay

Time: 6:10 – 11:10 AM

Number of Visitors: 0

Session Remarks: Unusually slow session again. Only one bird captured and very few heard in the drainage.

Date: 6/3/2019

Location: ESCALANTE INTERAGENCY VISITOR CENTER

Banding Team: TERRY TOLBERT AND LISA YOUNG

Assistants: Frank Venuti and Allison Francis

Time: 6:07 – 11:07 AM

Number of Visitors: 0

Session Remarks: Another slow session at the office.

Date: 6/5/2019

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

Banding Team: TERRY TOLBERT AND LISA YOUNG

Assistants: Frank Venuti, Allison Francis, Chris Broeder, Mike Contente, and Jacob Hart

Time: 6:31 – 11:31 AM

Number of Visitors: 2

Session Remarks: Mainly BTLH males with 6 of the 14 recaptures.