



HMN Monitoring Summary

Session 7: 18 – 24 April 2019

Regional Summaries

ARIZONA

Fort Huachuca captured fewer birds than last session but 7 species were represented this time. A slow first session for Montezuma Castle with only 9 Black-chinned Hummingbirds captured. On the opposite end of the spectrum, Paradise almost set a new April record for that site by capturing 88 hummingbirds, mostly Black-chinned males. The Black-chinned migration also was observed at the Southwestern Research Station with 88 of the 123 hummingbirds captured being Black-chinned. Harshaw Creek had a busy morning capturing 82 hummingbirds of 6 species, which included a lone, scrawny Rufous male that may be lagging behind while his brethren are already further north.

BRITISH COLUMBIA

Birds are now returning to Coquitlam in the Fraser valley. Despite the cold spring, Widgeon Marsh had a good first session, which bodes well for the season. Also, birds returning to south Vancouver Island appeared to be in very good condition. We expect that the interior sites will be reporting by next session.

MONTANA

There were high hopes of hummingbirds at the floodplain site, but none were spotted there yet.

UTAH

Calf Creek had early and abundant hummingbirds before this session, so the site had its first monitoring session before Escalante this year. There's a first for everything, as they say.



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TABLE 1. Summary of captured or visiting hummingbirds and trapping information for the monitoring session on April 16 – 22, 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									
FH	7	0	28	4	4	20	17	0	0:00
HC	6	0	82	16	45	102	20	1	0:14
MOCA	1	0	9	2	2	4	25	0	0:00
PA	8	0	88	11	25	224	185	4	0:51
SWRS	6	0	123	19	53	425	86	9	1:44
British Columbia									
FK	2	0	49	2	12	70	415	0	0:00
WM	1	0	21	1	7	21	42	0	0:00
Montana									
MPGF	0	0	0	0	0	0	0	0	0:00
Utah									
CFCK	1	0	11	2	7	20	8	0	0:00

TABLE 2. Number of individuals of each species captured on April 16 – 22, 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			1	5	15			2	1			1		3			28
HC			10	39	26			1		2				4			82
MOCA					9												9
PA				4	62		1	4	1		1	5		1			88
SWRS				1	88		16	5				10		3			123
British Columbia																	
FK			9											40			49
WM														21			21
Montana																	
MPGF																	0
Utah																	
CFCK					11												11



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ARIZONA

Date: 4/20/2019

Location: HARSHAW CREEK, PATAGONIA MOUNTAINS

Banding Team: SUSAN WETHINGTON AND LEE ROGERS

Assistants: Gary Romig, Suzy Hunter, and Mary Jo and Doug DeRossett

Time: 6:10 – 11:10 AM

Number of Visitors: 0

Session Remarks: Today is busy and much is happening. With both migrant and local birds using the site, we have increased richness (6 species) and abundance (82 individuals). Over half of the birds are returning from previous years with the oldest—a Broad-billed male—at least 7 years old. Migrants still have fat: 3 Rufous and 1 Anna's females have fat, the lone Rufous male has none, and the 5 Anna's males don't either. Could the Rufous male be one of the stragglers and most males are further north? This would support the idea that more fit males migrate first. The lone Broad-tailed female was really fat. So far there is no long-distance recapture of Broad-tailed banded here. However, there are 5 long-distance recaptures of Broad-tailed in the Chiricahua Mountains and Rocky Mountain National Park. Black-chinned, Broad-billed, and Anna's females are gravid. About a fourth of the birds are captured multiple times and about a third have pollen. Based upon color and placement of the pollen, there might be six different nectar resources. Yes, it was a busy day with a good team. Thanks to all!

Date: 4/21/2019

Location: AMNH SOUTHWESTERN RESEARCH STATION, CHIRICAHUA MOUNTAINS

Banding Team: SUSAN WETHINGTON AND MICHELE LANAN

Assistants: Elaine Moisan, Heidi Bryan, Julie D'Ablaing, Michael Emenaker, Alina Downer, and Lori Dargis

Time: 6:01 – 11:01 AM

Number of Visitors: 67

Session Remarks: Wow! It looks like we caught a spring migration wave of both hummingbirds and humans. Lots of activity. People in the area say it's the largest number of hummingbirds they remember seeing in spring. For sure, we're busy. Six species and 123 individuals are captured today. Almost 2 hours are spent in tally mode with over 400 visits recorded. Yet, nesting has already begun. Over half the female Black-chinned females are gravid and most are returning birds from previous years. It's a fun session. We truly appreciate the support of the station. Thanks!



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Date: 4/21/2019

Location: PUBLIC AFFAIRS OFFICE, FORT HUACHUCA

Banding Team: LAURA DAVIS

Assistants: Laura Clawson, Birget Johnson, and Dave Wood

Time: 5:40 – 10:40 AM

Number of Visitors: 7

Session Remarks: Compared to last session, we didn't have as many total hummingbirds today (28), but we managed to have seven species: Anna's (1), Black-chinned (15), Broad-billed (5), Broad-tailed (2), Calliope (1), Rivoli's (1), and Rufous (3). Only four hummingbirds (14%) were recaptures from previous years (2015 and 2018). We had a total of 14 male and 14 female hummingbirds, and the females were from Broad-billed (3), Black-chinned (8), Calliope (1), and Rufous (2). Six of the females (43%) were in breeding condition. Pollen was observed on 10 hummingbirds (36%). Many thanks to the Fort's Environmental and Natural Resources Division and the Public Affairs Office for supporting our program.

Date: 4/21/2019

Location: THE GEORGE WALKER HOUSE, PARADISE, CHIRICAHUA MOUNTAINS

Banding Team: LEE ROGERS

Assistants: Jackie Lewis, Laura Paulson, Michael Jacobi, Winston Lewis, Bob Inman, and Dawn Bailey

Time: 5:45 – 11:15 AM

Number of Visitors: 17

Session Remarks: WOW! What a surprise today. Black-chinned (mostly male) migration. April 22, 2013 we had 97 birds in hand. Today we had 88. Most April sessions are less than 50. 8 species including a Lucifer male. We had to chuckle since his band series begins with "666" and it is Easter. 67 male and 23 female with 6 of the female breeding. 6 birds had migratory fat and 3 were molting. 12 birds came in with purple pollen, 21 with white and 2 with yellow. 2 male Black-chinned were adults when banded 4/27/2015. It was a busy day and we were glad to have all of the extra help!

Date: 4/19/2019

Location: MONTEZUMA CASTLE NATIONAL MONUMENT

Banding Team: TINA GREENAWALT AND WADE GURLEY

Assistants: Carol Wentzel, Adam Bergin, and Sage Bylin

Time: 6:09 – 11:09 AM

Number of Visitors: 3

Session Remarks: Our first trap session at MOCA was unexpectedly and unusually slow. We had only nine individuals captured, all Black-chinned Hummingbirds. One of these individuals was recaptured ten times over the course of the morning. A new staff member was trained on capture protocol.



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BRITISH COLUMBIA

Date: 4/21/2019

Location: FRANCIS KING REGIONAL PARK, VICTORIA

Banding Team: CHRISTINA LAM AND ALISON MORAN

Assistants: Kathie Snell, Brian Ross, Julie Howe, and Jonathan Moran

Time: 6:45 – 11:45 AM

Number of Visitors: 3

Session Remarks: The birds have now arrived in good numbers and as it typical for early in the season when few resources are available, we had a good number of recaptures. Many females showed signs of breeding and all birds appeared to be in good condition. More spring flowers, Oregon grape, fawn lilies, and maple.

Date: 4/20/2019

Location: WIDGEON MARSH REGIONAL PARK RESERVE, COQUITLAM

Banding Team: AZIM SHARIFF

Assistants: Megan Scott, Meghan O'Connell, and Roy WK Teo

Time: 6:10 – 11:10 AM

Number of Visitors: 0

Session Remarks: The first rufous hummingbirds returned to the Lower Mainland of BC approximately 3 weeks late this spring. Bird abundance, however, ramped up fairly quickly upon arrival. As a result, we started our monitoring season early this year. We enjoyed a sunny, relaxing first session. Hummingbird activity was slow but steady throughout the morning. Presently, the ratio of males to females is ~50:50. Of the 11 female RUHA captured, 4 were gravid. Flowers in bloom include Indian plum, salmonberry, black twinberry, red flowering currant, & Oregon grape. Mosquitos were present, but not yet biting. Thank you to everyone who helped get the 2019 monitoring season started.

MONTANA

Date: 4/24/2019

Location: MPG RANCH - FLOODPLAIN

Banding Team: ERIC RASMUSSEN

Assistants: None

Time: 6:30 – 11:30 AM

Number of Visitors: 0

Session Remarks: A few hummingbirds were reported recently, so I decided to try the last day of this session in hopes of getting one or two. Alas, no birds at all. Very windy morning, yet warm. Next session should prove more fruitful. Also hoping to get up to our high site which got heavy snow this late winter.



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Session 7: 18 – 24 April 2019

UTAH

Date: 4/22/2019

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

Banding Team: TERRY TOLBERT AND LISA YOUNG

Assistants: Ashley Young and Korben Young

Time: 7:38 AM – 12:38 PM

Number of Visitors: 7

Session Remarks: This is the first session in the 10 years of monitoring at this site that there were more birds present here than at ESC. The birds are also earlier than usual, and we have never trapped before the middle of May before.