



HMN Monitoring Summary

Session 9: 18 – 24 May 2017

Session 10: 1 – 7 June 2017

Regional Summaries

ARIZONA

Most of the Arizona sites had a very busy monitoring session with nesting in full swing. Many recaptures, gravid females, and older birds were captured. SWRS had a record-setting session for the site with 108 birds and 6 species!

BRITISH COLUMBIA

Better weather has finally brought out the floral resources, so there is much less activity at the traps once they become available in the morning.

COLORADO

A busy, BTLH-filled day for Dunton's first session of 2017. Mesa Verde was a bit slow, but still put out 16 new bands and saw mostly BCHU with pollen.

IDAHO

58 birds – CAHU and BCHU – for Idaho City's third session of the year. With over 120 visitors as well, it was sure to have been a busy session. Great job on your outreach, Idaho!

MONTANA

It was still slow at the montane site, but a long-awaited increase in numbers at the floodplain site was very welcome.

NEVADA

Only 1 bird captured at Red Rock this session. Perhaps they are still more interested in available nectar resources than the feeders?

NEW MEXICO

58 birds were captured but mostly male BCHU and BTLH at Bandelier this session. A few gravid females were captured as well, but no juveniles yet.

UTAH

A slow start to the 2017 monitoring season for the Utah sites. This was the first year that no monitoring session was held in the beginning of May because there were no birds at the sites. Monitoring began at the end of May and is slowly picking up again. Reports from sessions 9 and 10.



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TABLE 1A. Summary of captured or visiting hummingbirds and trapping information for the monitoring sessions from May 18 – 24, 2017. An asterisk (*) indicates a returning bird was previously banded under a different BBL master permit.

Location	Hummingbird Data					Trap Data			
	<i>Number of Species Captured</i>	<i>Number of Species Observed Not Captured</i>	<i>Total Individuals Captured</i>	<i>Number of Individuals Captured >1</i>	<i>Number of Returning Individuals</i>	<i>Trap Total</i>	<i>Number of Trap Checkers</i>	<i>Number of Trap Counts</i>	<i>Total Minutes in Trap Counts</i>
Utah									
CFCK	1	1	9	0	6	8	12	0	0:00
ESC	1	1	16	5	5	1	18	0	0:00
WCAT	1	1	17	3	8	18	31	0	0:00



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TABLE 1B. Summary of captured or visiting hummingbirds and trapping information for the monitoring sessions from June 1 – 7, 2017. An asterisk (*) indicates a returning bird was previously banded under a different BBL master permit.

Location	Hummingbird Data					Trap Data			
	<i>Number of Species Captured</i>	<i>Number of Species Observed Not Captured</i>	<i>Total Individuals Captured</i>	<i>Number of Individuals Captured >1</i>	<i>Number of Returning Individuals</i>	<i>Trap Total</i>	<i>Number of Trap Checkers</i>	<i>Number of Trap Counts</i>	<i>Total Minutes in Trap Counts</i>
Arizona									
EC	2	0	86	11	54	129	0	6	0:45
HC	4	0	65	10	45	59	15	1	0:14
ML	2	0	53	11	26	97	166	3	0:41
MOCA	2	0	8	3	2	6	54	0	0:00
PA	4	0	59	6	28	113	99	2	0:17
SWRS	6	0	108	24	55	206	201	3	0:35
British Columbia									
FK	2	0	14	0	5	19	142	0	0:00
FM	1	0	1	0	0	0	0	0	0:00
LU	2	1	2	1	0	20	19	4	0:22
RO	2	0	4	0	0	8	33	0	0:00
WM	2	0	39	5	9	28	151	0	0:00
Colorado									
DGS	1	0	65	8	30	1065	116	12	3:07
MV	2	0	43	8	27	59	40	1	0:19
Idaho									
IC	2	0	58	25	16	152	114	7	0:55
Montana									
MPGF	2	0	19	3	5	3	7	0	0:00
MPGM	1	0	3	0	2	2	4	0	0:00
Nevada									
RR	1	0	1	0	0	4	6	0	0:00
New Mexico									
PCBNM	2	0	58	7	16	1126	431	24	3:33
Utah									
CFCK	2	2	21	2	9	14	104	0	0:00
ESC	2	2	14	1	4	6	49	0	0:00
WCAT	2	2	54	17	28	40	156	0	0:00



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TABLE 2A. Number of individuals of each species captured from May 18 – 24, 2017. An asterisk (*) indicates a species observed but not captured.

Location	UN	AL	AN	BB	BC	BE	BL	BT	CA	CO	LU	MA	RT	RU	VC	WE	Total
Utah																	
CFCK					9												9
ESC					16												16
WCAT								17									17



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TABLE 2B. Number of individuals of each species captured from June 1 – 7, 2017. An asterisk (*) indicates a species observed but not captured.

Location	UN	AL	AN	BB	BC	BE	BL	BT	CA	CO	LU	MA	RT	RU	VC	WE	Total
Arizona																	
EC					44							42					86
HC			1	24	39					1							65
ML								50				3					53
MOCA			1		7												8
PA				2	36			1				20					59
SWRS			1	2	58		18	2				27					108
British Columbia																	
FK			3											11			14
FM														1			1
LU					*				1					1			2
RO					2				2								4
WM			1											38			39
Colorado																	
DGS								65									65
MV					41			2									43
Idaho																	
IC					22				36								58
Montana																	
MPGF					9				10								19
MPGM									3								3
Nevada																	
RR			1														1
New Mexico																	
PCBNM					26			32									58
Utah																	
CFCK					20			1									21
ESC					13			1									14
WCAT					3			51									54



HMN Monitoring Summary

Session 9: 18 – 24 May 2017

Session 10: 1 – 7 June 2017

ARIZONA

Date: 6/2/2017

Location: HARSHAW CREEK, PATAGONIA MOUNTAINS

Banding Team: LEE ROGERS AND SUSAN WETHINGTON

Assistants: Gary Romig

Time: 5:32 – 10:35 AM

Number of Visitors: 0

Session Remarks: It's nesting season here with 50% of BCHU and BBLH females gravid and 30% might be nesting (i.e. CPbreed is 5). The oldest bird of the morning is at least 9 years old and is one of the birds that might be nesting. It's a great day for recaptures with 71% returning from previous sessions. Molt continues to be an interesting story here. More birds are molting than expected at this time of year. Typically, we expect Costa's to be molting at this time but during this session there were two BCHU in late wing molt and two Broad-billed in early wing molt as well as a Costa's in early wing molt. It's been a good morning and we thank long-time volunteer Gary Romig for his help.

Date: 6/3/2017

Location: EL CORONADO RANCH, CHIRICAHUA MOUNTAINS

Banding Team: LEE ROGERS AND SUSAN WETHINGTON

Assistants: None

Time: 5:30 – 10:30 AM

Number of Visitors: 0

Session Remarks: It's a busy morning and one in which last minute changes in volunteer availability has left Lee and I to do the session by ourselves. Fortunately, the birds do not swamp us in the first hour of monitoring but steadily enter the traps for the entire session. As expected, most birds are recaptures (63%) and there's much evidence of nesting (12 BCHU females and 5 MAHU females are gravid). Interestingly, 3 gravid BCHU females still have a fair amount of migration fat. It makes me wonder if migrants are staying to the south to breed given the cold conditions to the north. Perhaps, the number of older birds captured is the most interesting result of this session: 11 birds are at least 5 years old with 3 at least 6 years (MAHU), 4 at least 8 years (MAHU), one at least 9 years (BCHU F), and the oldest at least 10 years (MAHU M).

Date: 6/2/2017

Location: MONTEZUMA CASTLE NATIONAL MONUMENT

Banding Team: TINA GREENAWALT

Assistants: John Cannon, Dan Batha, Carol Wentzel, Beth Welling, Rachael Meara, and Deneshia Ferraris

Time: 5:00 – 10:00 AM

Number of Visitors: 0

Session Remarks: We had another slow week with only 8 hummingbirds captured. We captured our first juvenile Anna's Hummingbird, which was exciting. We also had 2 recaptures from last year.



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Session 9: 18 – 24 May 2017

Session 10: 1 – 7 June 2017

Date: 6/4/2017

Location: AMNH SOUTHWESTERN RESEARCH STATION, CHIRICAHUA MOUNTAINS

Banding Team: SUSAN WETHINGTON

Assistants: Jackie Teiger, Elaine Moissan, Hannah Frye, and Enzo DeFerrari

Time: 5:45 – 10:45 AM

Number of Visitors: 25

Session Remarks: It's the busiest day ever at the research station with 53 new birds and 55 already banded birds captured. There's lots of nesting and some gravid BCHU females still have migration fat. The oldest bird of the day is at least 11 years old and there's nest material under her band!!!! Again this session, we capture Broad-billed typically rare at this site but more common at lower elevations and Broad-tailed typically more common at higher elevations. The rare visitor for this time of the year was a juvenile Anna's. We also capture Blue-throated and Black-chinned juveniles. Great to see nest success in action. It's been a fun and busy session. Thanks to Elaine and SWRS volunteers Jackie, Hannah, and Enzo for their help.

Date: 6/4/2017

Location: THE GEORGE WALKER HOUSE, PARADISE, CHIRICAHUA MOUNTAINS

Banding Team: LEE ROGERS

Assistants: Jackie Lewis and Bud & Debb Johnson

Time: 5:25 – 9:08 AM

Number of Visitors: 3

Session Remarks: 28 of 59 birds in hand were previously banded. A second year Black-chinned male was captured. Worn white tail tips. A juvenile female Black-chinned surprised us with her early visit. 8 breeding females included 6 Black-chinned and 2 Magnificent. Purple pollen was present on 2 birds and white on 16. Bees got the better of us today. We stopped for ½ hours while feeders were exchanged and bees were tempted elsewhere. They came back enforce.

Date: 6/4/2017

Location: STEWARD OBSERVATORY, MOUNT LEMMON, SANTA CATALINA MOUNTAINS

Banding Team: LAURA DAVIS

Assistants: Lexi Coburn, Carolyn Haldar, Pamela Hennings, and Lisa Partin

Time: 5:34 – 10:34 AM

Number of Visitors: 16

Session Remarks: Our second session for the year was busy with 53 hummingbirds, 2 species: Broad-tailed (50) and Magnificent (3). Traps were busy, with trappers having to stop and conduct trap counts three times during the morning. Eleven of the birds returned a total of 51 times, including a gravid female Broad-tailed who came back 10 times during the morning. Seven of the 24 (29%) females were gravid. Only seven hummingbirds had pollen on them—not too many flowers out yet. Forty-nine percent of the hummingbirds were previously banded. The oldest recapture was a Broad-tailed male originally banded July 10, 2011 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: 6/3/2017

Location: FRANKLIN MILL, PORT ALBERNI

Banding Team:

Assistants:

Time:

Number of Visitors:

Session Remarks: Only one female came to the trap – very gravid. We did see eight other birds that fed on natural food. Twin berry and raspberry other garden flowers.

Date: 6/4/2017

Location: FRANCIS KING REGIONAL PARK, VICTORIA

Banding Team: ALISON MORAN

Assistants: Julie Howe, Brian Ross, Jem He, and Dominic Torheiden

Time: 6:00 – 11:00 AM

Number of Visitors: 0

Session Remarks: After the first rush of birds, visitations slowed considerably as natural floral resources became available.

Date: 6/3/2017

Location: WIDGEON MARSH REGIONAL PARK RESERVE, COQUITLAM

Banding Team: WALLIS MORE REID

Assistants: Cindy Ederis, Cassandra Merkens, Markus Merkens, Elsa Mikkelsen, Meghan O'Connell, and Roy WK Teo

Time: 5:19 – 10:19 AM

Number of Visitors: 0

Session Remarks: Rufous hummingbird abundance remains low. This is the first session of the year where HY birds were captured (2 in total). Plants in bloom include thimbleberry, red columbine, purple columbine, salmonberry, horse chestnut, black twinberry, Sorbus sp., red-osier dogwood, goatsbeard, Cooley's hedge nettle, self-heal, rhododendron (cultivar), lilac, buttercups, dame's rocket & Scotch broom. Thank you to everyone who assisted this morning.

Injuries, Mortalities, and Issues: We had one bird die towards the end of the session, when a new bander was being trained. Not sure if the mortality was due poor handling or whether it was a stressed/injured bird; suspect it might've been both.



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Date: 6/4/2017

Location: ROSSLAND

Banding Team: SHARON LELLIOTT AND LINDA SZYMKOWIAK

Assistants: Deyanne Davies, Edward Davies, Margaret Knudsgaard, Chantal Pineau, and Peter Laycock

Time: 5:32 – 10:32 AM

Number of Visitors: 0

Session Remarks: The number of birds dropped sharply from previous week. The birds appeared trap shy. We tried a new trap with tie downs to reduce movement during a breeze but the numbers (checkers and visited) do not show an appreciable difference between the two traps. We hope the number of birds increases next session.

Flora: Creeping Speedwell, False Solomon Seal, Buttercup, Thimbleberries, forget-me-not, Strawberries, Dandelion, Oregon grape, lilac, apple, petunia, queen's cup, columbine mountain ash, pine, serviceberry, lupine.

Date: 6/3/2017

Location: LUMBY

Banding Team: KAREN SIEMENS

Assistants: Susan Latimer, Laura MacPherson, and Gail Loughridge

Time: 6:15 – 11:15 AM

Number of Visitors: 0

Session Remarks: The wild flowers are in bloom and the bird count at the traps was 39 with 8 birds escaping due to one of the traps not working properly. Two adults were banded - 1 Calliope male and 1 Rufous female.

COLORADO

Date: 6/1/2017

Location: DUNTON GUARD STATION

Banding Team: KAREN ORDEMANN

Assistants: Phil Kemp, Kathleen Turnbull, Barb Headley, Peter Foote, and Susan Sante

Time: 6:30 – 11:31 AM

Number of Visitors: 3

Session Remarks: Our first trapping session for 2017 at Dunton Guard Station ranked right up there among the busiest sessions we have had since we opened the site in 2007. All the hummingbirds captured were Broad-tails. Nesting and breeding have obviously begun as more than half of our females were already in a gravid condition. None of the birds had any pollen so we surmised they are likely relying on insects and to some extent our feeders. While there was still a small patch of winter snow against the north side of the building, the day was lovely and comfortably cool. It was a fun and engaging 5 hours. Thank you to our Forest Service assistant and our wonderful volunteers!



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Session 9: 18 – 24 May 2017

Session 10: 1 – 7 June 2017

Date: 6/7/2017

Location: MESA VERDE NATIONAL PARK

Banding Team: GEORGE SAN MIGUEL

Assistants: Leslie Hayes, Tish Varney, Diane Cherbak, Jane Pedersen, and Kathleen Adams

Time: 6:25 – 11:30 AM

Number of Visitors: 0

Session Remarks: Slower session than expected but at least there were no problems with birds not wanting to be released as during last session. Of the 43 birds processed, all but 2 birds were BCHU. We placed 16 new bands. We had much more pollen than past sessions with 67% of birds with mostly yellow pollen. All in all, a pretty uneventful session, except (!), thanks to Leslie, she found the lost band on the ground that had popped off the table 4 weeks ago! Way to go Leslie! We have volunteers with many special talents. Now I just have to determine what the actual size is. (The band number is J79351 just for the record.)

IDAHO

Date: 6/6/2017

Location: IDAHO CITY

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

Assistants: Dave and Carol Wike, Danette Henderson, and Iris Henderson

Time: 6:05 – 11:05 AM

Number of Visitors: Over 120

Session Remarks: Third session of 2017. First public session for the season. Very well attended. The aid of a parking monitor and greeter was helpful in the organization of visitors. Interesting discussion with team regarding pollen collection. More birds with visible pollen later in the day (temperature, open blooms?).

MONTANA

Date: 6/2/2017

Location: MPG RANCH - FLOODPLAIN

Banding Team: ERIC RASMUSSEN

Assistants: Carrie Voss, Kathy, and Chrissy

Time: 6:06 – 11:06 AM

Number of Visitors: 0

Session Remarks: A very active day for hummingbirds. It was a partly cloudy morning. There have been recent rainstorms that have resulted in high water. Mosquitoes were swarming around the pond. A male Black-chinned was observed displaying in a shrub near the trapping station. We finally had a bump in numbers today, presumably late migrants.



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Date: 6/6/2017

Location: MPG RANCH - MONTANE

Banding Team: ERIC RASMUSSEN

Assistants: Carrie Voss, Susan Nelson

Time: 6:15 – 11:15 AM

Number of Visitors: 0

Session Remarks: Partly sunny with a breeze. It was a slow day with hummingbirds coming in to feed intermittently. Not exactly sure why our high site numbers are lower this year. Could be the late arrival of birds to our area, and now that they are here the wildflowers are abundant. Paintbrush, penstemon, larkspur are all up and abundant.

NEVADA

Date: 6/3/2017

Location: RED ROCK CANYON NATIONAL CONSERVATION AREA

Banding Team: JEANNE TINSMAN

Assistants: Douglas Chang, Nancy Chang, Sue Tzareff, Megan Poff, Rebeca Rivera, and Naomi Brenner

Time: 5:30 – 10:30 AM

Number of Visitors: 0

Session Remarks: Only caught one individual. There was very little activity during the entire session, perhaps things are still blooming enough that the birds are not interested in the feeders.

NEW MEXICO

Date: 6/3/2017

Location: PONDEROSA CAMPGROUND, BANDELIER NATIONAL MONUMENT

Banding Team: LISA ROIG

Assistants: Joe Schmidt, Will Schmidt, Bob Loy, Beth Cortright, Linda Boncella, Melanie Boncella, Kim Geissler, Daniel Dorantes, Jason Lott, Sarah Milligan, Chloe Moore, and Travis Voorhees

Time: 6:10 – 11:10 AM

Number of Visitors: 4

Session Remarks: Another very busy day at Bandelier. There were a few gravid females, but male black chins and male broadtails dominated. We are not seeing any juveniles yet. We had a great team of helpers and a warm, pleasant day.



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UTAH

Date: 5/22/2017

Location: ESCALANTE INTERAGENCY VISITOR CENTER

Banding Team: LISA YOUNG

Assistants: Terry Tolbert, Alli Tuttle, Jean Palumbro, and Linda

Time: 6:52 – 11:52 AM

Number of Visitors: 7

Session Remarks: Clear day with very little wind. Fourteen of the sixteen individual BCHU's captured were obtained within the first two hours of monitoring.

Date: 5/24/2017

Location: CALF CREEK RECREATION AREA

Banding Team: TERRY TOLBERT

Assistants: Frank Venuti, Alli Tuttle, Ian (SUU), and Coral (SUU)

Time: 6:28 – 11:28 AM

Number of Visitors: 2

Session Remarks: One bird captured (H90621) was first banded in 2010 as an adult, so it is at least 8 years old.

Date: 5/23/2017

Location: WILDCAT GUARD STATION

Banding Team: LISA YOUNG AND TERRY TOLBERT

Assistants: Alli Tuttle, Ian (SUU), and Coral (SUU)

Time: 6:45 – 11:45 AM

Number of Visitors: 5

Session Remarks: Clear day with very little wind. Fifteen of the seventeen individual BTLH's captured were obtained within the first two hours of monitoring. One band was crimped and was no longer usable (K32788).

Date: 6/5/2017

Location: ESCALANTE INTERAGENCY VISITOR CENTER

Banding Team: LISA YOUNG AND TERRY TOLBERT

Assistants: Frank Venuti, Alli Tuttle, Jeff Tillery, Ashley & Corbin Young, and Dana

Time: 6:12 – 11:12 AM

Number of Visitors: 12

Session Remarks: It was a particularly slow day for the first banding session in June. Even less birds were caught in this session (14) than in the first session in May (16).



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Session 9: 18 – 24 May 2017

Session 10: 1 – 7 June 2017

Date: 6/6/2017

Location: CALF CREEK RECREATION AREA

Banding Team: LISA YOUNG AND TERRY TOLBERT

Assistants: Frank Venuti, Alli Tuttle, and Jeff Tillery

Time: 6:11 – 11:11 AM

Number of Visitors: 16

Session Remarks: We caught more birds than expected. More birds were caught here than at the ESVC.

Date: 6/7/2017

Location: WILDCAT GUARD STATION

Banding Team: LISA YOUNG AND TERRY TOLBERT

Assistants: Frank Venuti, Alli Tuttle, and Jeff Tillery

Time: 6:23 – 11:23 AM

Number of Visitors: 4

Session Remarks: We caught a substantial amount of birds with 45 recaptures on the day as well. More than 90% of the recaptures were during the first hour banding. It was approximately a 50-50 ratio in regards to recaptured individuals and newly banded birds. More birds were banded than the either two days combined.