



HMN Monitoring Summary

Session 4: 5 – 11 March 2019

Session 5: 19 – 25 March 2019

Regional Summaries

ARIZONA

Harshaw Creek and Fort Huachuca have kicked off the 2019 monitoring season! Harshaw Creek is the first site back with a quiet first session compared to last season, but here's hoping that the fat and fresh-plumaged Broad-billed Hummingbirds captured are a sign of good resources on the wintering grounds. The number of hummingbirds increased by the second session, and birds from all 4 species observed were captured, including 2 gravid Anna's Hummingbirds which signaled continued nesting of this species at Harshaw Creek. Fort Huachuca captured gravid Anna's Hummingbirds as well, and also individuals from 5 species, including several recaptures, a few with pollen, and more Rufous Hummingbirds than last season.



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TABLE 1A. Summary of captured or visiting hummingbirds and trapping information for the monitoring session on March 11, 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 | 2 | 0 | 4 | 1 | 3 | 2 | 13 | 0 | 0:00 |

TABLE 1B. Summary of captured or visiting hummingbirds and trapping information for the monitoring session on March 23 (HC) and 24 (FH), 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 | 4 | 0 | 35 | 5 | 29 | 20 | 45 | 0 | 0:00 |
| FH | 5 | 0 | 24 | 2 | 7 | 21 | 37 | 0 | 0:00 |

TABLE 2A. Number of individuals of each species captured on March 11, 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 | | | | | | | | | | | | | | | | | |
| HC | | | 2 | 2 | | | | | | | | | | | | | 4 |

TABLE 2B. Number of individuals of each species captured on March 23 (HC) and 24 (FH), 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 | | | | | | | | | | | | | | | | | |
| HC | | | 19 | 14 | 1 | | | | | | | | | 1 | | | 35 |
| FH | | | 12 | 3 | 1 | | | | | | | 2 | | 6 | | | 24 |



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ARIZONA

Date: 3/11/2019

Location: HARSHAW CREEK, PATAGONIA MOUNTAINS

Banding Team: SUSAN WETHINGTON AND LEE ROGERS

Assistants: Bonnie Everett, Dutch Zonderman, Deb Walens, and John McCrosky

Time: 7:03 AM – 12:02 PM

Number of Visitors: 0

Session Remarks: It's been a relatively wet winter (Hurray, it's been a while) and colder than the previous two years. Anna's have been around all winter, but the females were observed about 3-4 weeks ago. We've seen a few Rufous migrate through the site and Broad-billed males have just started returning. Both Broad-billed who were captured this year had fat and fresh-looking plumage. A current working hypothesis is that feather molt and wear will be an informative response variable for environmental conditions. If so, it appears that the wintering habitat for Broad-billed had good resources. It's also unusual to see Broad-billed in spring. It's a slow start to the season, but a fun beginning. Thanks all!

Date: 3/23/2019

Location: HARSHAW CREEK, PATAGONIA MOUNTAINS

Banding Team: SUSAN WETHINGTON AND LEE ROGERS

Assistants: Gary Romig, Deb Walens, and John McCrosky

Time: 7:11 – 11:11 AM (start delay to cold weather 30F at sunrise)

Number of Visitors: 0

Session Remarks: Earlier in the week, it seemed like the number of birds increased dramatically. We were observing more Broad-billed and Anna's; a few Rufous, both male and female, are moving through the site; and a few Black-chinned males have returned. Fortunately, we capture individuals from all 4 species. All Broad-billed are male and are returning birds. Most have fat and fresh plumage. At first, only Anna's females were captured. Many of them were returning birds, and two were gravid of which one was going to lay her egg today! Great to see Anna's nesting again at this site. Later in the morning, Anna's males were captured and most also were already banded. A sole female Rufous was captured. Spring is such a fun time of year as most birds are returning. Thanks again to Gary, Deb, and John!



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Session 4: 5 – 11 March 2019

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Date: 3/24/2019

Location: PUBLIC AFFAIRS OFFICE, FORT HUACHUCA

Banding Team: LAURA DAVIS

Assistants: Laura Clawson, Dave Wood, and Emily Clark

Time: 6:18 – 11:18 AM

Number of Visitors: 0

Session Remarks: We had 24 hummingbirds from five species: Anna's (12), Black-chinned (1), Broad-billed (3), Rivoli's (2), and Rufous (6). We were pleasantly surprised to have banded six Rufous – last year we only had one Rufous for our first session. We had equal numbers of male and female hummingbirds, but the females were from only two species: Anna's (8) and Rufous (4). Four of the female Anna's had breeding conditions of 5 or 8. Pollen was observed on three hummingbirds. Seven hummingbirds (5 Anna's and 2 Broad-billed) had been banded previously in 2014, 2015, and 2018. Many thanks to the Fort's Environmental and Natural Resources Division for supporting our program and quickly processing our site permit.