



Colorado
Bluebird
Project in
Castle
Rock

2019 Year-In-
Review

2019 HIGHLIGHTS

- 13 consecutive years of data collection
- 6 native species of birds using the boxes for nesting
- First nest claim found on March 29
- Latest nesting cycle in 13 years
- Lots of woodpecker, HOSP & snake activity
- New name & logo for coordinating agency





2019 SITES

Butterfield Park
Castle Rock Elem.
Cedar Hill Cemetery
Clear Sky Elem.
Crystal Valley Ranch
Douglas County H.S.
Faith Lutheran Church
Flagstone Elem. School
Flagstone Future Park Site
Gateway Mesa
Gateway Mesa Interior
Gemstone Park
Matney Park
Memmen Ridge
Mesa Middle School
Metzler Ranch Park
Mitchell Gulch Park
Native Legend Trail
Native Legend Trail East
Philip S. Miller Park
Plum Creek Park
Quarry Mesa
Recreation Center
Red Hawk Ridge Golf Course
Renaissance School
Rhyolite Regional Park
Sage Canyon Elementary
Stewart Trail
The Rock Church
Woodlands Bowl
Wrangler Park

BIRDS THAT USED THE BOXES IN 2019



2019 WAS A VERY LONG NESTING SEASON!



Earliest nest claim found on March 27



Latest recorded fledge date for Mountain Bluebird nest on August 27

GETTING READY TO KICK OFF SUMMER

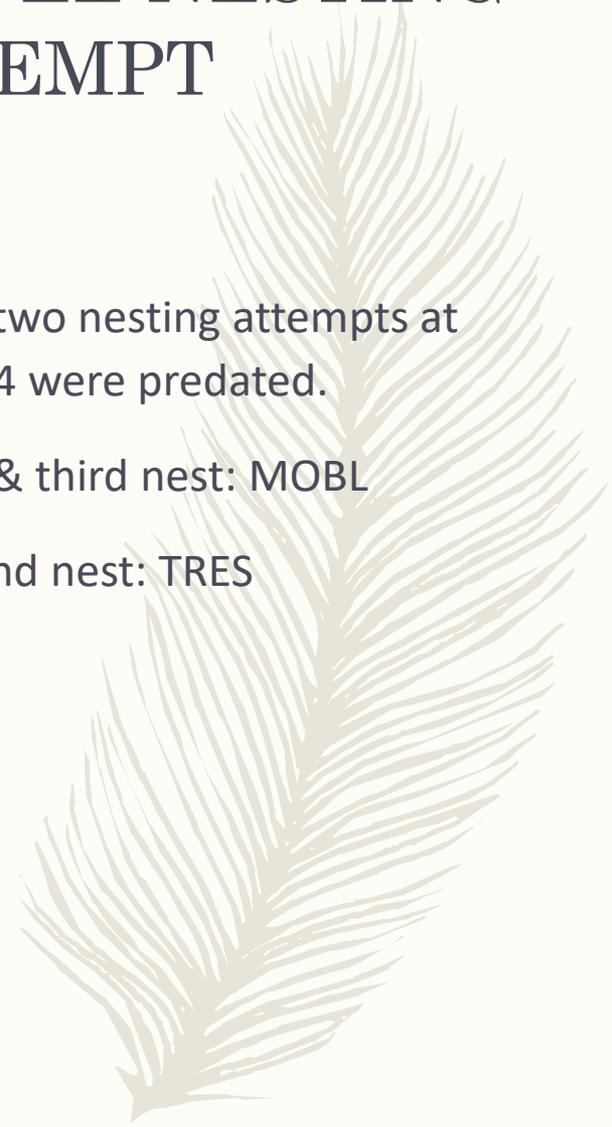


Record latest snowfall of 8" on 5/20-21 and record low overnight temperatures on Tuesday 5/21 immediately followed by several overcast and cold days. This storm caused the failure of many active bluebird nests.



TRIPLE NESTING ATTEMPT

- First two nesting attempts at NLT#4 were predated.
- First & third nest: MOBL
- Second nest: TRES





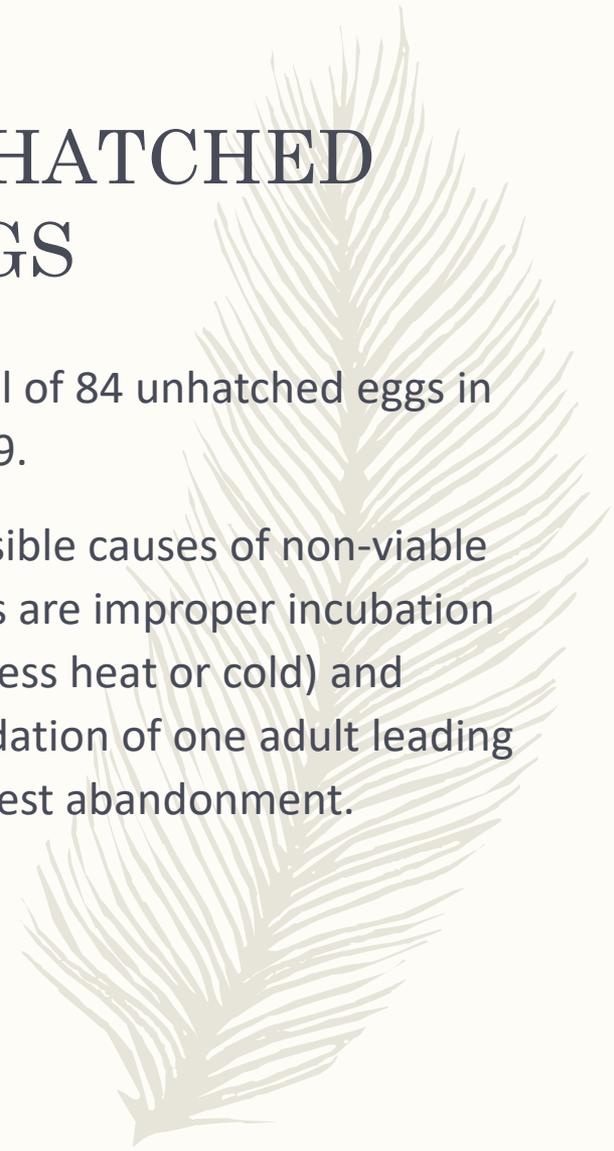
FIRST EGG DATES

- MOBL @ PSMP#7: 4/23
- WEBL @ WP#1&4: 4/19
- TRES @ CHC#6: 5/18



UNHATCHED EGGS

- Total of 84 unhatched eggs in 2019.
- Possible causes of non-viable eggs are improper incubation (excess heat or cold) and predation of one adult leading to nest abandonment.





HOUSE WREN ACTIVITY

- Dummy nest @ PSMP#3
- Active nest @ FFP#3



Bullsnake found inside active nest box by
volunteer Yolande Schmitz



PREDATION

- 27 nests lost eggs or hatchlings to predators
- Most predation occurred after May 21 snowstorm
- Nests found empty but intact (not flattened) indicate snake predation.
- Some boxes had snake predation twice.



EMPTY OR UNUSED BOXES IN 2019

- Completely empty: 4
- Incomplete nest with no eggs: 11
- Boxes that are inactive for two consecutive years are relocated

Your Data

Useful Downloads:

[show instructions](#)

Nest Site List

Start/edit attempts, manage location info, view site summaries



Add new nest site



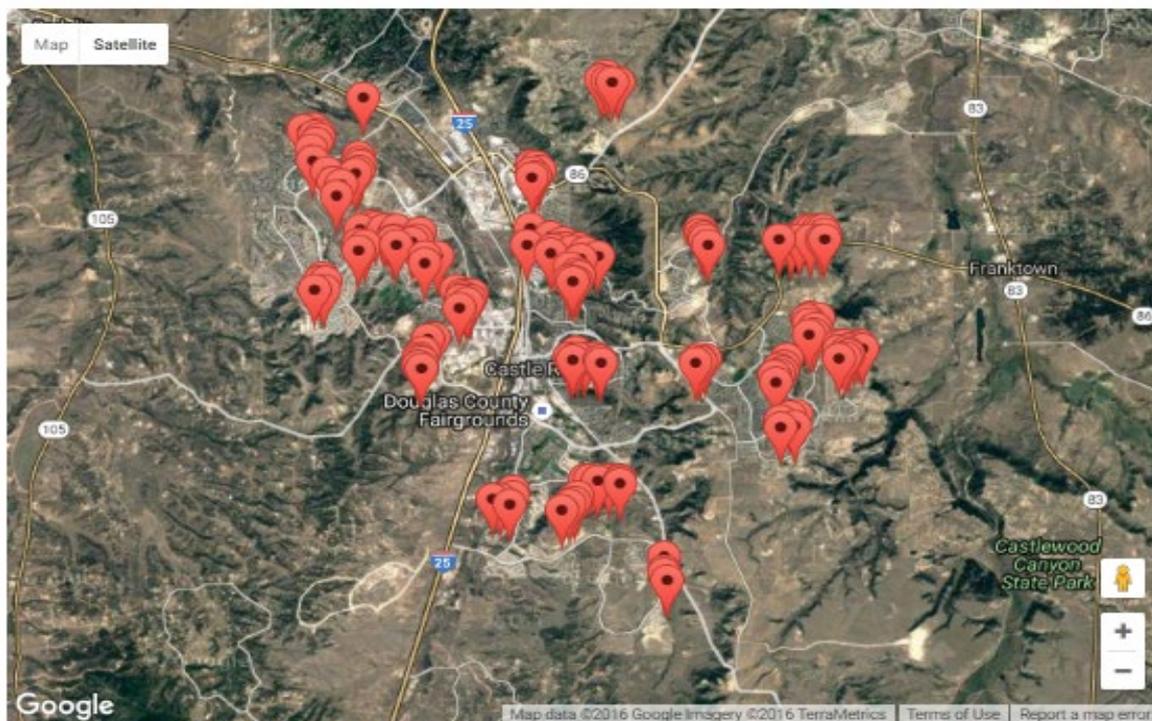
Manage archived nests



Manage your groups



YOUR NEST SITE MAP



NESTING ATTEMPTS IN PROGRESS

Quick Filters:

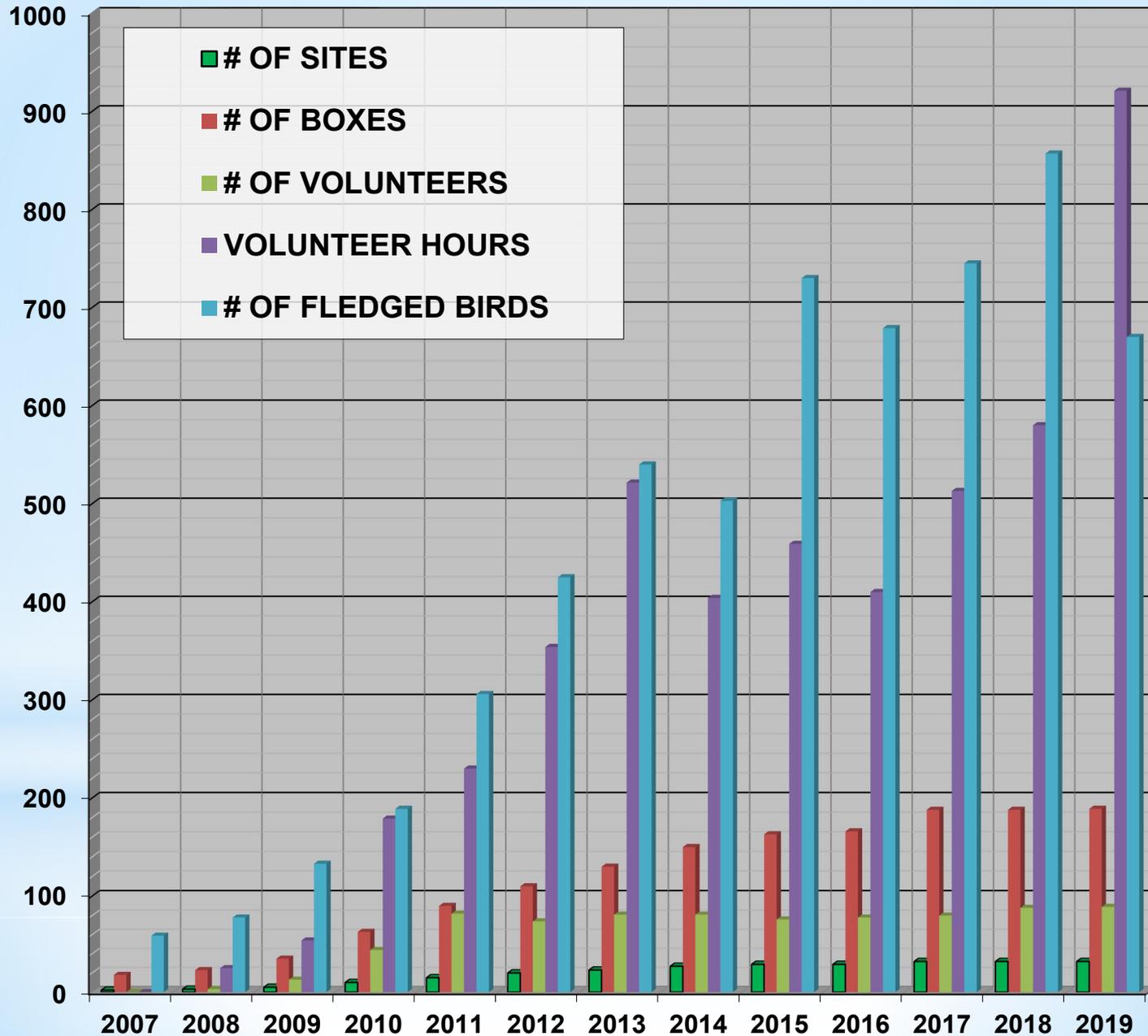
Show active attempts by group

Castle Rock Bluebirds

You have no active attempts in this group at this time.

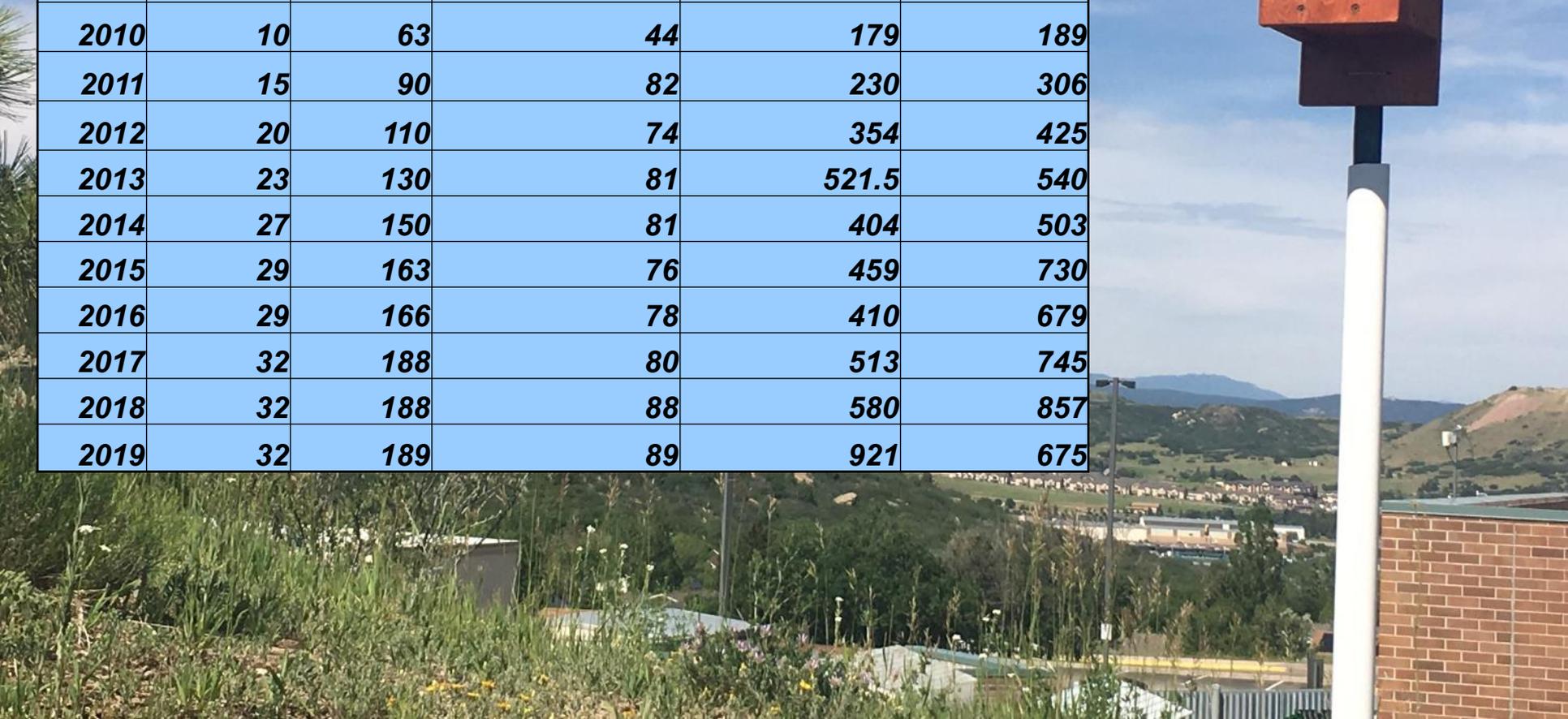
THE DATA!

OVERALL PROJECT INCREASES

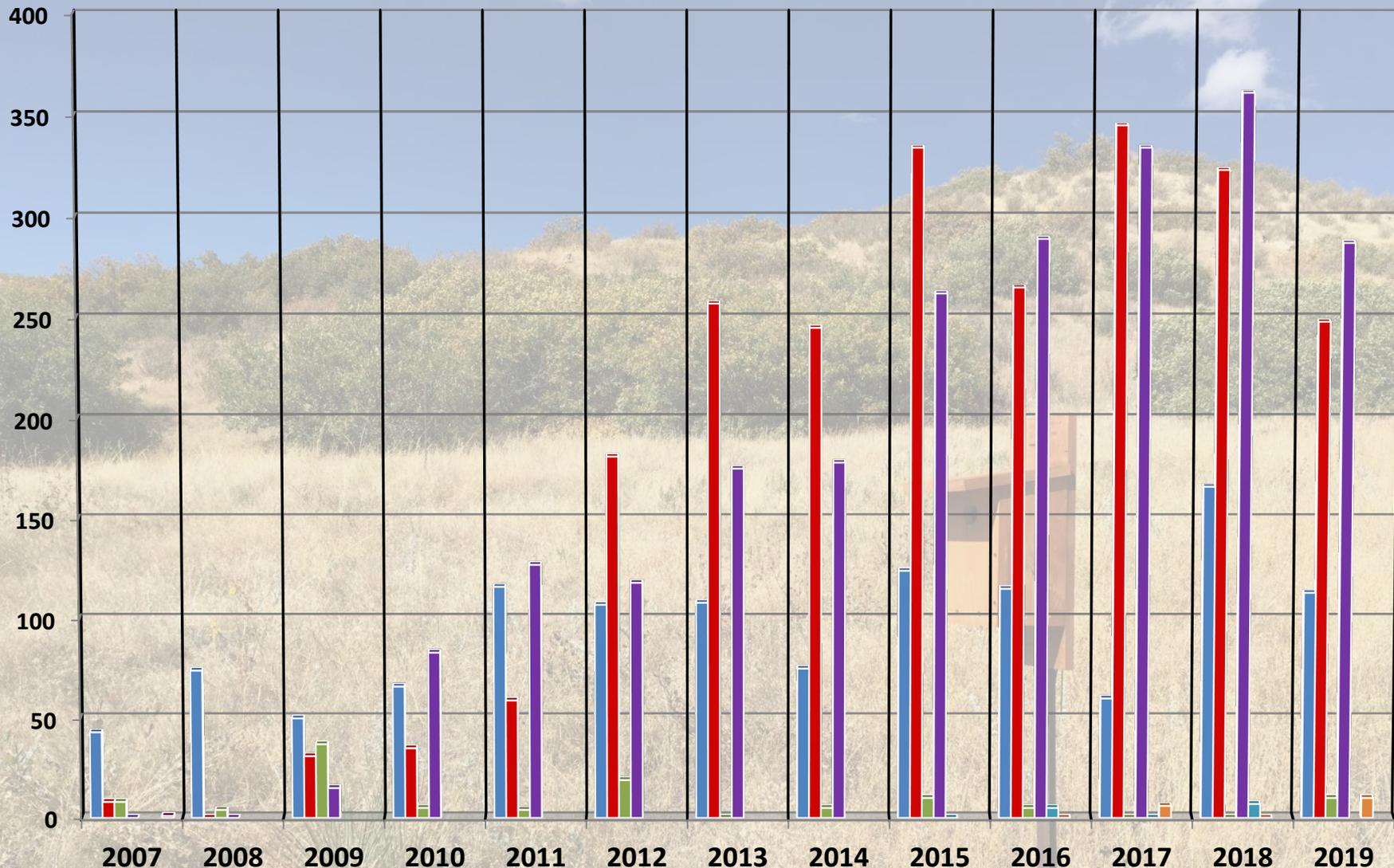


OVERALL PROJECT DATA

	# OF SITES	# OF BOXES	# OF VOLUNTEERS	VOLUNTEER HOURS	FLEDGED BIRDS #
2007	2	18	0	0	59
2008	3	23	3	25	78
2009	5	35	13	54	133
2010	10	63	44	179	189
2011	15	90	82	230	306
2012	20	110	74	354	425
2013	23	130	81	521.5	540
2014	27	150	81	404	503
2015	29	163	76	459	730
2016	29	166	78	410	679
2017	32	188	80	513	745
2018	32	188	88	580	857
2019	32	189	89	921	675



OVERALL FLEDGE DATA



■ WESTERN BLUEBIRD
■ TREE SWALLOW
■ HOUSE WREN

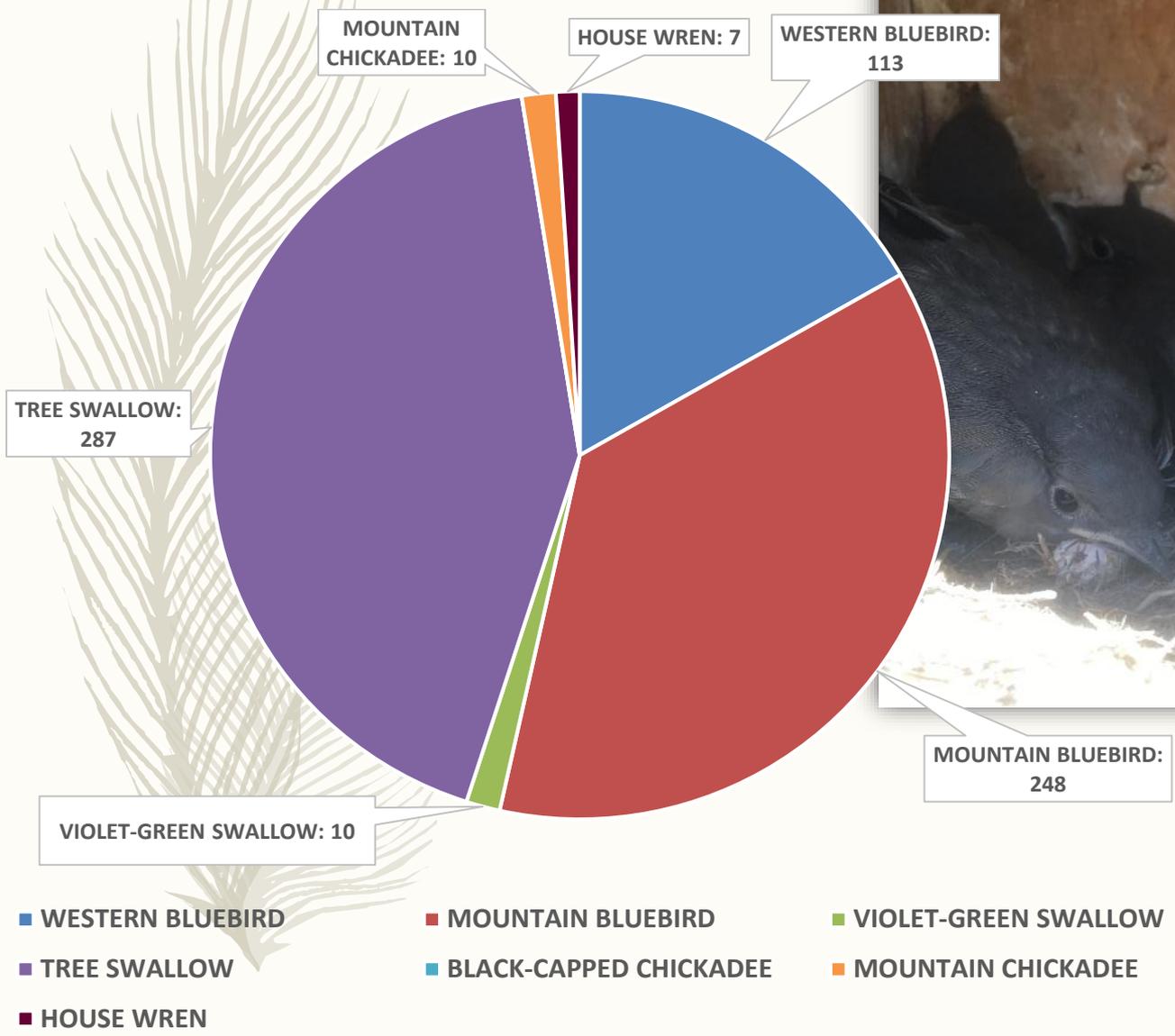
■ MOUNTAIN BLUEBIRD

■ BLACK-CAPPED CHICKADEE

■ VIOLET-GREEN SWALLOW

■ MOUNTAIN CHICKADEE

OVERALL FLEDGE DATA FOR 2019



TOTAL: 675

Nest Sites = 189

Nesting Attempts = 256

Total Eggs = 1160

Total Young = 931

Total Fledglings = 675



QUICK
SUMMARY
OF 2019
SEASON



2019 DATA IN COMPARISON

2015 QUICK SUMMARY

166

Total Nest Sites

225

Total Nesting Attempts

995

Total Eggs

854

Total Young

735

Total Fledglings

2016 QUICK SUMMARY

169

Total Nest Sites

195

Total Nesting Attempts

913

Total Eggs

774

Total Young

685

Total Fledglings

2017 QUICK SUMMARY

190

Total Nest Site

244

Total Nesting Attempts

1102

Total Eggs

842

Total Young

745

Total Fledglings

2018 QUICK SUMMARY

190

Total Nest Site

254

Total Nesting Attempts

1127

Total Eggs

963

Total Young

857

Total Fledglings

2019 QUICK SUMMARY

191

Total Nest Sites

256

Total Nesting Attempts

1160

Total Eggs

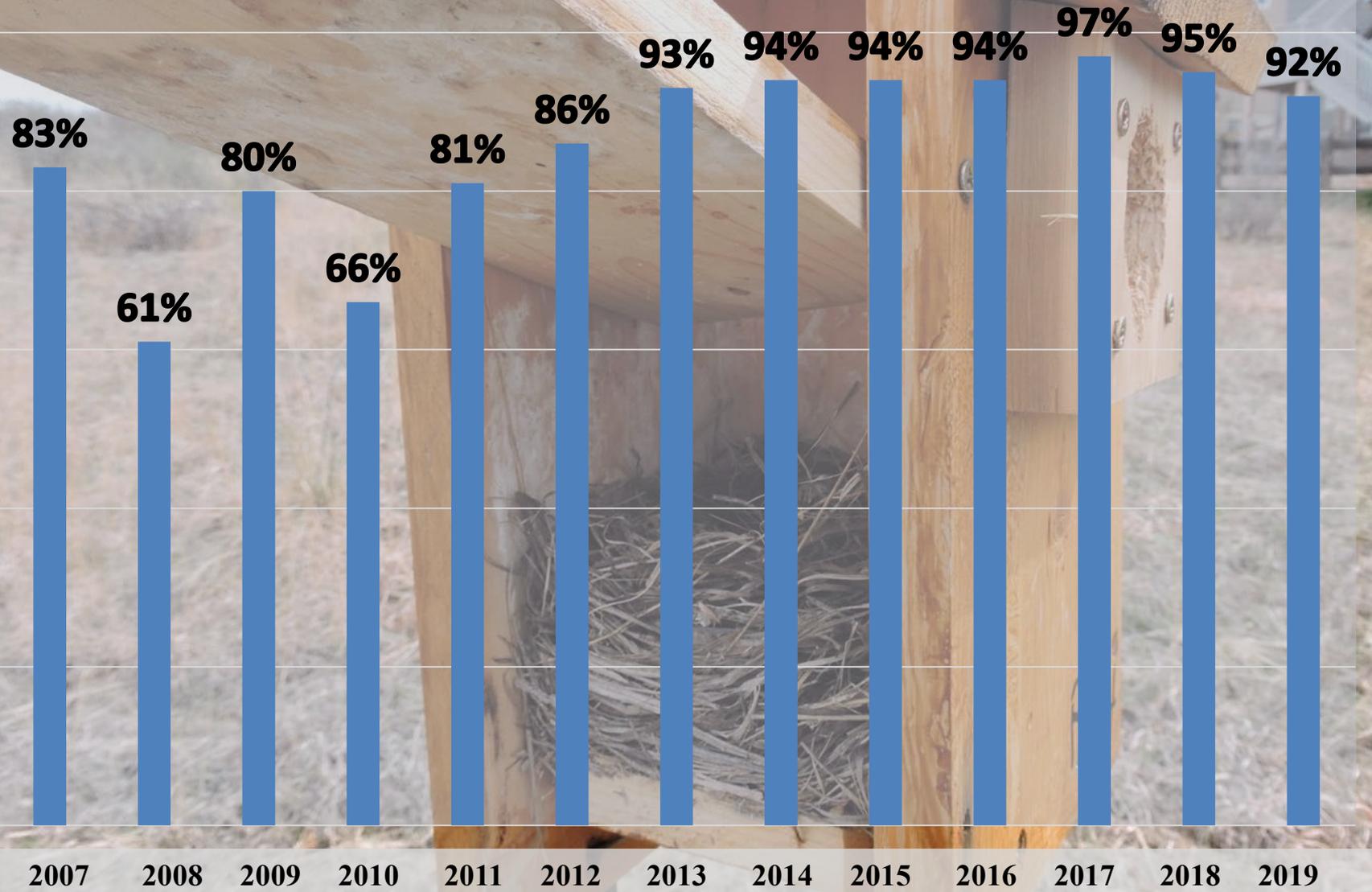
931

Total Young

675

Total Fledglings

NEST BOX OCCUPANCY RATE



2019 VOLUNTEERS



In 2019, 89 individual volunteers put in over 920 hours. These numbers do not reflect the partnership with students at 6 different schools.

SCHOOL PARTNERSHIPS

600 students from 6 different schools contributed 1320 hours



VOLUNTEER QUOTES



Harry and I are excited for another year of bluebird monitoring! - Tiffany Reckseen

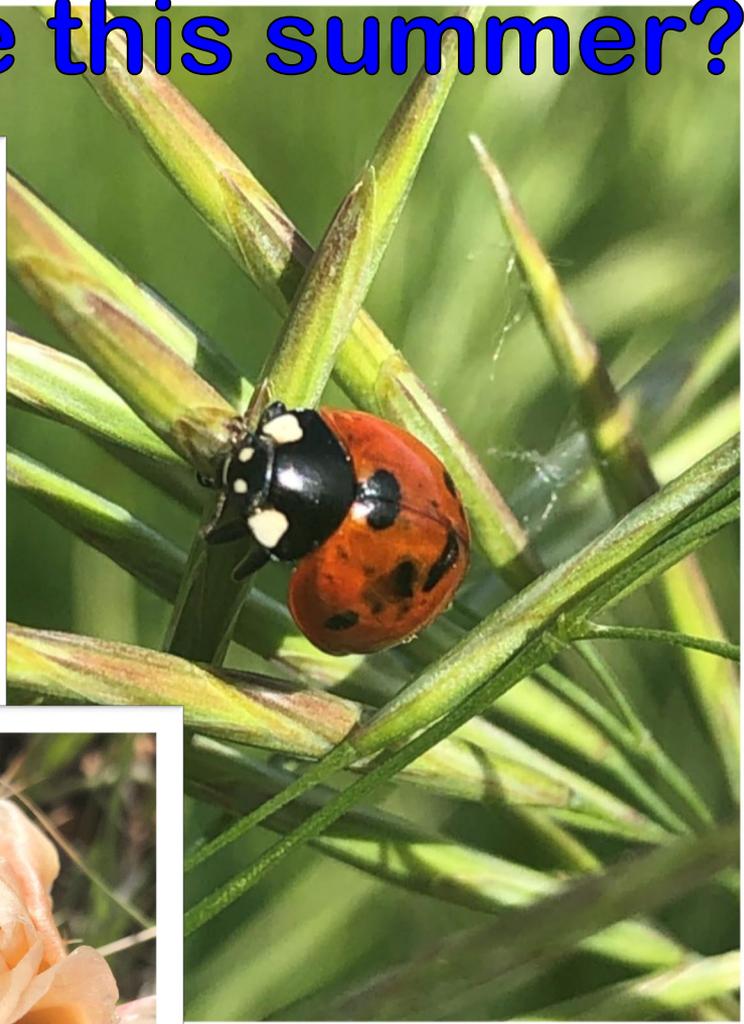
My husband and I are very excited to start monitoring our site in June!!! - Sarah Fairburn

It was a pleasure volunteering this year! - Noel Espiritu

I am in total love with the project and hope to support you next season - Kimberly Kilzer

Looking forward to next season! - Stephanie Glavan

What else did you see this summer?



WANT TO DO MORE FOR BLUEBIRDS? GET A BACKYARD NEST BOX!

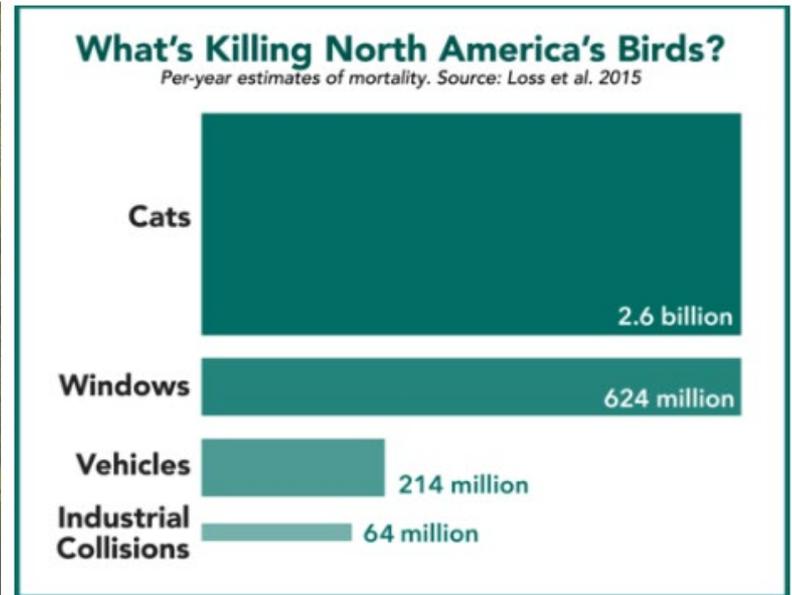
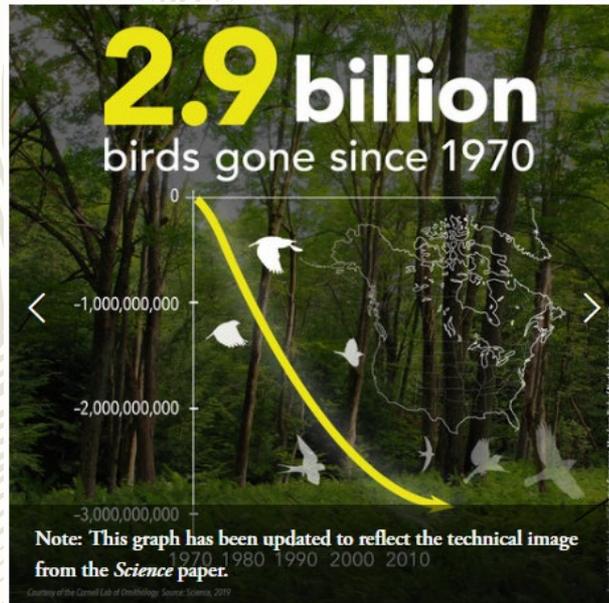


Pre-fabricated bluebird nest boxes can be purchased locally at commercial pet and feed stores or wild bird and birdwatching stores.

3 Billion Birds Gone

We've Lost One in Four Birds Since 1970

Across the continent, numbers have plummeted, even among common species



You Can Help! 7 Simple Actions!

#BringBirdsBack

What's Ahead in 2020...

- Maintenance Tool Kit
- No More Google Datasheets
- NestWatch App



WHAT ARE YOUR QUESTIONS?
COMMENTS? SUGGESTIONS?



We hope to see you back
next year!



THE BLUEBIRD for HAPPINESS.

*This merry little feathered friend
So cheery, bright and blue,
Because he brings true
happiness,
I'm sending him
to you.*