

## We Are No Longer Asking for Eggs in the Mail!

Over the last three years we have collected 2235 eggs! We are still busy processing all of those eggs to get as much data from them as we can. For this reason, we are taking a break from asking Sparrow Swappers to send in eggs this year. However, **we still need your observations** on what happens after a removal or swap. We are continuing to work on analyzing the differences between swaps and removals and hope to have more results in August 2019.



Thank you to everyone who has participated! Here are some of all totals from the last 3 years:



**90**

Participants Sent in Eggs



**337**

Nestboxes



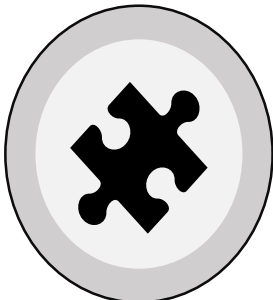
**580**

Clutches Collected



**2235**

Eggs Collected



## We Need More Removers!

We need more people to participate as removers in the upcoming breeding seasons! You may have noticed a change to the 2019 datasheets. Moving forward everyone will participate in monitoring nearby nestboxes in addition to the target nestbox.

## Nestbox Locations Across the US

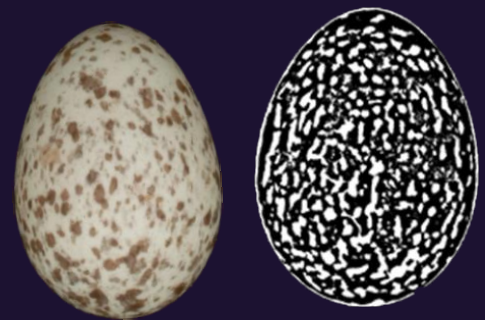
In 2018, we continued to mostly receive eggs from the eastern half of the U.S. We are hoping to get data from more western and southern states in the upcoming breeding seasons.



## Studying Contaminants!

We have just sent off 100 clutches to be analyzed for five heavy metals: Cadmium, Lead, Copper, Selenium, & Arsenic.

We are eagerly awaiting the results to be able to understand if there are connections between house sparrow egg coloration and heavy metal concentrations.



## Thank You!

Sparrow Swap couldn't be a success without dedicated people like you!

Your participation and support in collecting observations and eggs makes the research we do possible! We are incredibly thankful for all the hard work everyone involved in the project has done over the last few years!