

Grant-Funded Research Updates

Emotional and Site-Management Data Collection Nearly Complete

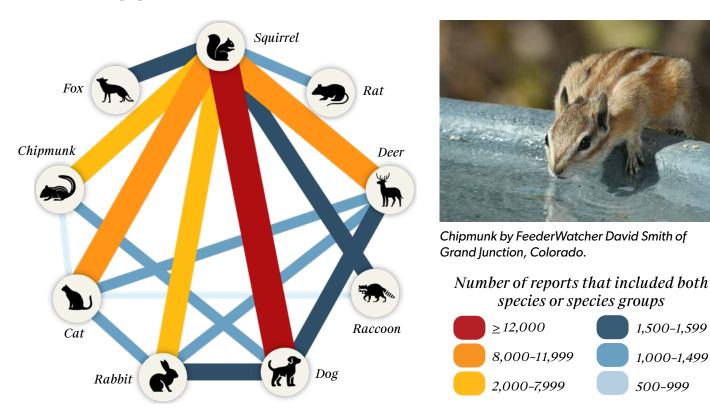
For the past two seasons we have invited FeederWatch participants to report how they feel while FeederWatching, and how they change their count sites over time. We've also invited participants to complete pre- and post-season surveys and to participate in a variety of extra research projects. All of this research was

funded by a grant from the National Science Foundation designed to study how the practice of feeding birds affects both people and the birds. After this season ends in April, the data collection phase of this research will be complete, and we will stop asking questions about emotions and site management. The research team will then shift their attention to pouring through the massive dataset and looking for patterns. We will share what we discover in upcoming eNews messages and issues of Winter Bird Highlights. We are excited to learn from all the data you have provided!

Mammals Are Here to Stay

While you will no longer be asked questions about emotions or site management next season, you will continue to have the option of telling us about the mammals you see and about sick and dead birds you observe during your counts. Of all the new data sections, reporting mammals has been the most popular. It will take

some time before we are able to assess long-term patterns from mammal data, but we are already finding interesting relationships. For example, the graphic below shows mammals frequently reported on the same counts with other mammals, allowing us to see which species (or species groups) tend to be found at the same Feeder-Watch locations. Because squirrels are found at most sites, they are reported most frequently at the same locations as other mammals, while some other pairings are rarely reported together.



Mammals reported on the same counts with other mammals. The lines connecting species represent the number of times the two species were reported on the same checklists. While squirrels and cats were often reported on the same checklists (note the thick orange line connecting those species), cats and chipmunks were rarely reported together (less than 1,000 checklists in common). In order to improve readability, no lines are shown connecting species reported on the same checklists less than 500 times. Note that categories may lump multiple related species (e.g., "squirrels" includes all squirrel species).

FeederWatcher Tips for Improving Habitat for Birds

You may offer a variety of bird seed in your count site, but do you offer water? Just like us, birds need water to survive. They use water for drinking and bathing, as many FeederWatch participants have observed at water features in their own yards. By providing a water feature, you not only improve your habitat for wildlife, but you may also attract more birds to your yard.

FeederWatch participant Judy McCord told us, "The best thing I've done is provide a birdbath with year-round moving water. I keep an eye on the water feature and frequently see birds on it that are attracted to the water. I've had a number of migrants over the years!"

When migrating, birds may need a lot of fuel for their flight, and it's helpful to provide them with a place to drink and rest. To make your birdbath more attractive, you can provide dripping water, a bubbler, a fountain, or a pump that creates movement in the water. Birds tend to prefer ground-level, shallow water features that have a natural appearance, so consider arranging stones in the water or branches around the bath for birds to perch on while they drink.

Offering places where birds can seek protection from predators is also important. Providing habitat near your water feature, as participant Kathleen Olson does, can help birds take cover when needed. "A third of my yard is kept wooded and wild with evergreen and maple trees and piles of brush and leaves for shelter," Kathleen said. "I also have a birdbath and a big dog bowl that I



Birdbath surrounded by cover by Fran Rutkovsky in Tallahassee, Florida. Fran has been FeederWatching since 1999 and is featured on our website at feederwatch.org/ community/featured-participants/fran-rutkovsky.

keep filled with water and heated in the winter. The water is a big draw, along with shrubs by my house and in the yard, which provide shelter and food."

If you do decide to install a birdbath in your yard this spring, please note that it is important to maintain and clean it by changing water frequently and scrubbing off any build up of algae. We hope these tips help you improve your habitat, encouraging new species and more frequent visits from wildlife to your yard.

Follow Us on Facebook and X

Follow Project FeederWatch on Facebook at www.facebook.com/ProjectFeederWatch or on X (formerly Twitter) at @FeederWatch for updates, fun feeder bird facts, bird ID trivia, and more! You can find links to our feeds at feederwatch. org/socialmedia.



Renew Today

Note: A tax-deductible contribution to FeederWatch beyond your renewal fee will help fund bird research and education programs. Thank you for your support!

Renew Online

Sign Up at Join.FeederWatch.org

- ♦ Click the Sign-in link in the top right corner to log into your data entry account and automatically apply your payment to your account.
- ♦ Fill in any missing contact information and select a print material option below the address fields. Those who sign up online have the option of receiving a poster and calendar, a calendar, or no print materials.
- ♦ Enter a payment method and click the red button to sign up. Then on the Thank You page, follow the Complete Setup link to see your renewed status on the Your Data home page.
- ♦ Follow the link in the Thank You email you receive to learn about any additional benefits, like a discount to *Birds of the World*, only available to those who sign up online.

Renew by Mail

Fill Out the Enclosed Renewal Slip

Select a Print Material Option

- ♦ Please send a calendar. With this option we will send you a Bird-Watching Days calendar in the fall and a letter with a summary of our counting instructions.
- ♦ Save paper—please don't send any print materials. We recommend that you keep track of your ID number (printed near your address on the enclosed renewal slip) and maintain your eNews subscription (see electronic newsletter information on the front of this letter).

Select a Payment Method

Indicate how you would like to pay the \$18 annual renewal fee (\$15 for Lab members).

