



## Birds at Riverwood's Feeder

### Citizen Science and Bird Cam Sites and Bird Videos

The Riverwood Conservancy maintains a number of bird feeders on site.. The videos of birds feeding at a feeder were taken using our main feeder location. You can augment these videos by having your students view the live the Bird Cam sites below. If students have access to bird feeders then they should be encouraged to use them.

### Recommended Bird Cams

<https://www.allaboutbirds.org/cams/cornell-lab-feederwatch/>

<https://www.allaboutbirds.org/cams/ontario-feederwatch/>

Citizen science is a way of helping scientists in a variety of fields. In this case you are helping ornithologists learn about birds, bird feeders learn about the best foods and bird food producers analyze the success of their bird food products.

Scientist, birder or businesses person the information you share is important to them for it helps them better understand what happens in the real world. This is filed research.

You can help by participating in the following study:

### Birds at the Feeder Questions

1. Which birds do you see at the feeder?
2. What time of day did you see them?
3. What was the weather like?
4. How many times to you see a specific species of bird at a feeder?
5. What is the average time a given species stays on a feeder?
6. Which birds chase off other birds?
7. What food preference do the species exhibit?
8. How many bird visits did you record in five minute period?
9. Based on several observation periods what is the average number of bird visits per hour?
10. What other animals besides birds visit the feeder?
11. How do these animals impact the birds?
12. Make a list of the birds that come to the feeder and classify them as follows:

Species	Size	Length of Time at the Feeder	Frequency of Visit
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13. What conclusions can you draw from this chart?
14. What sort of feeder do the birds go to? Sunflower seeds? Suet? Both?
15. What do birds do once they leave the feeder?
16. Which birds are more tolerant of people?
17. What do the birds when danger is spotted? (You will need to watch the live feed to see this happen as it is fairly rare.)



## Sample Data Sheets

Sample sheets, add species as needed. A more complete word version of data sheets is provided with this package.

Average Visits as related to Size of Bird

Species	Size	Time at Feeder	Frequency of Visit	Average Time at Feeder
Am. Goldfinch				
Black-capped Chickadee				
Blue Jay				
White-breasted Nuthatch				
Red-breasted Nuthatch				
Red-bellied Woodpecker				
Downy Woodpecker				
Hairy Woodpecker				
Other				

Time of Day and Season

Species	Size	Time Observed	Weather	Season
Am. Goldfinch				
Black-capped Chickadee				
Blue Jay				
White-breasted Nuthatch				
Red-breasted Nuthatch				
Red-bellied Woodpecker				
Downy Woodpecker				
Hairy Woodpecker				
Other				

Dominance of Various Feeders

Species	Size	Chased off by:	Time species/bird leaves	Time species/ bird returns
Am. Goldfinch				
Black-capped Chickadee				
Blue Jay				
White-breasted Nuthatch				
Red-breasted Nuthatch				
Red-bellied Woodpecker				
Downy Woodpecker				
Hairy Woodpecker				
Squirrel				
Raccoon				

### Supporting Birds at Feeder Videos:

Note: Use the Birds at a Feeder videos as tools to help students identify birds and to practice taking down information. These videos are listed below and the table on the last page:



[Colourful Birds at a Feeder](#)

Time: 1.34



[Blue Jay: At the feeder](#)

Time: 1.25



[Downy Woodpecker at the feeder](#)

Time: 1.23



[Birds at a Feeder Eating Seeds I](#)

Time: 1.18



[Birds at a Feeder Eating Seeds II](#)

Time: 1.08



[Black-capped Chickadees at a Feeder](#)

Time: 1.09



[Finches at the Feeder](#)

Time: 1.30



## Citizen Science and Bird Feeders

Bird Studies Canada's website: <http://www.birdscanada.org/> is well worth a visit. It offers ideas that can be very useful in the classroom and Project Feeder Watch <http://www.birdscanada.org/volunteer/pfw/> is an example of Citizen Science that your students and classes can get involved with both at home and on our TRC website "bird cam".

### Contact Information:

Project FeederWatch  
Bird Studies Canada  
P.O. Box 160, 115 Front Street  
Port Rowan, ON N0E 1M0  
1-888-448-2473 / 519-586-3531  
Fax: (519) 586-3532  
Email: [pfw@birdscanada.org](mailto:pfw@birdscanada.org)

<http://www.birdscanada.org/>

<http://www.birdscanada.org/volunteer/pfw/>

**Bird Feeder Videos Table**

	<b>Birds At A Feeder Series</b>	<b>Vimeo</b>	<b>Length</b>
1	Birds at a Feeder I	<a href="https://vimeo.com/138465867">https://vimeo.com/138465867</a>	1.18
2	Birds at a Feeder II	<a href="https://vimeo.com/138465868">https://vimeo.com/138465868</a>	1.08
3	Chickadees at a Feeder	<a href="https://vimeo.com/144213763">https://vimeo.com/144213763</a>	1.09
4	Blue Jay: At the feeder	<a href="https://vimeo.com/145749832">https://vimeo.com/145749832</a>	1.25
5	Downy Woodpecker at the feeder	<a href="https://vimeo.com/145754085">https://vimeo.com/145754085</a>	1.23
6.	Finches at the Feeder	<a href="https://vimeo.com/145785409">https://vimeo.com/145785409</a>	1.30
7.	Colourful Birds at a Feeder	<a href="https://vimeo.com/167872836">https://vimeo.com/167872836</a>	1.34