

**The 2017 Squirrel Count Results Show:  
An Increase in Albino and Gray Squirrels.  
Ratio of Gray to Albino Decreases to 12.32 to 1 from Last Year**

This was the 39th year counting the gray and albino squirrels in Olney. The count was coordinated by Kelsie Sterchi. During the three weeks of the count, there were approximately 96 different volunteers who canvassed the 34 areas to count the squirrels and cats. Volunteers consisted of students from Olney Central College, FFA members, the St. Joe CRE volunteers from the community, and visitors to Olney. Dr. John Stencel of Iowa was also able to make his annual visit to Olney on October 14th. First year tourists included the Hollister party from Alton, Illinois, and the Kuenstler party from Bloomington, Illinois. Other out-of-towners included those from Newton, Claremont, Noble, and West Salem, Illinois areas. The annual squirrel count was scheduled for three Saturdays beginning at 7:30 a.m. on October 7, October 14 and October 21.

On October 7, the temperature at 7:30 a.m. was 70° and sunny with powerful winds. The temperature on October 14 was cooler at 63°, and beautifully clear. October 21 was the coolest morning at 57° and sunny. Additionally, our area has held on to Summer longer than usual leaving our trees full of leaves. This made spotting squirrel activity very difficult and, I believe, a direct result in this year's lower numbers.

We are reporting an average 875 gray squirrels counted, and 71 albino white squirrels counted. In 2016, one week's numbers were not utilized because of a terrible week of hot weather that was then directly blasted by a cold front on the evening of Friday, October 8, 2016. The drastic weather change and its effects had Dr. Stencel recommend that we not use that week's numbers. As a result, the 2016 numbers were reported as averages of 794 grays and 79 albinos. The 2017 count showed an average of 1 fox squirrel in the area. Based on gathered numbers, the gray to albino ratio in 2016 was 10.05 to 1 compared to the gray to albino ratio in 2017 of 12.32 to 1.

The cat count for 2017 was at a reported average of 119 cats compared to 2016's number of 113. Cat activity was highest on the bright, clear morning of October 14.

Again this year, a large number of complaints have been received about cats running at large. In 2002 the City of Olney passed an ordinance making it illegal to allow cats to run at large, the same as dogs. Residents with cats need to be mindful that cats running at large are in danger of being trapped. The City of Olney continues to work with the Richland County Animal Control for enforcement of this ordinance.

The Olney City Council also passed Ordinance 2014-37 on October 27, 2014. The ordinance restricts the number of non-spayed and non-neutered owned cats per property to four. We were pleased to see the 12% decrease in the cat count for 2015, so seeing an increase in 2016 and 2017 was a bit discouraging.

Based on research and scientific models, Dr. Stencel believes extanction of the albinos could take place by 2034 if no efforts are made to help preserve the population. With this in mind, Dr. Stencel proposed two pilot programs in 2015. The first program was a supplemental

nutritional study and the second was be a gray squirrel capture and release program. The supplemental nutrition program is in place at two locations in the City, but the catch and release program is still being thought through. The supplemental nutrition program sites are location in routes H32 and G28-29. Gray and albino averages did increase in the H32 route, but decreased in the G28-29 route, so the effectiveness of that program is unknown at this time.

Some suggestions on ways to encourage the squirrel population are:

- Feed and water the squirrels generously. Additional food offered by residents is essential to maintain the squirrel population. Appropriate supplemental food would be corn, beans, nuts, seeds, berries and fruits. Greasy, fried and salty foods are not appropriate. In the spring the squirrels eat buds and sprouts of trees which are their primary foods, but more volunteers are needed to feed the squirrels their appropriate diet, especially in the crucial winter months. Water is also crucial in the dry summer months. The feeding sites that were noted on the maps were frequently near squirrel nests. It seemed as if the squirrels make their homes near where residents are feeding them.
- While driving be watchful of squirrels near the roadway, and slow down in areas of large concentrations of squirrels. Many of these areas are marked with “Squirrel Crossing” signs. Traffic fatalities continue to account for the loss of many healthy squirrels.
- Predators such as cats need to be controlled. Chapter 6 of the City of Olney Municipal Code restricts dogs and cats from running at large. The Richland County Animal Control Officer should be contacted for nuisance cats and dogs. This chapter also protects the squirrels from being taken from Olney. The word “take” as defined in the code has many meaning such as capturing, trapping or harassing.
- More nut and fruit trees need to be planted to help with a natural food source. Residents with mature nut bearing trees should be reminded these trees do the squirrels no good if their nuts are raked up in the fall and thrown away with the leaves. Fallen nuts can be a nuisance or even unsafe at times, but if the nuts must be picked up, residents are asked to place them in a nearby location that may be less objectionable such as a fence row or given to someone who is willing to feed the squirrels. The mature nut trees act as a grocery store for the squirrels which is only open for a short period of time during the year. Olney needs more nut trees to support the needs of future generations of squirrels. Studies have shown when there are fewer trees there are also few squirrels.
- Additional squirrel houses would help shelter squirrels in severe weather and while raising their young. There are several places in town to purchase squirrel houses. Information on specific places to purchase a squirrel house can be obtained at City Hall. City Hall also has squirrel house plans if residents prefer to make their own.
- Avoid cutting down trees during the times which babies are in their nests. Squirrels are usually born in February or March and do not leave their nests until May. The second litter of the year is usually born in July or August and do not leave until October. If at all possible, avoid cutting trees in February, March April, July, August and September.

- If a baby squirrel appears to be abandoned by its mother, residents are asked to leave it for a period of time because it might be possible to reunite the baby with its mother. During this waiting period, the area should be free from children, pets and other predators. The period of time the baby should be left to wait for its mother will depend greatly on weather conditions. Also, during this time a wildlife rehabilitator should be called for assistance. Belinda Henton continues to hold a wildlife rehabilitation permit through the Illinois Department of Natural Resources and can be contacted concerning orphaned white squirrels.

A conscious effort needs to be made by residents to observe these suggestions if Olney's white squirrel population is to survive. We, as a community, need to decide if we are going to continue to support our white squirrel population before they become non-existent.

A great number of residents do not understand how important the white squirrels are to Olney. Many visitors come to Olney just for the purpose of seeing and photographing a white squirrel. These visitors stay in our motels, eat at our restaurants, buy our gas and shop in our stores. Without a white squirrel population, these tourists will not have a reason to visit Olney and discover our other qualities. Few people would have a desire to visit Olney to see a gray squirrel or a cat.

Kelsie Sterchi would like to extend a special thanks to all the volunteers who helped with this year's count. Without them, the count would not be possible. The annual count is a very important part to monitoring the squirrel population. The 40<sup>th</sup> count will be conducted on October 6, 13 and 20, 2018. It's never too early to volunteer for the next count!