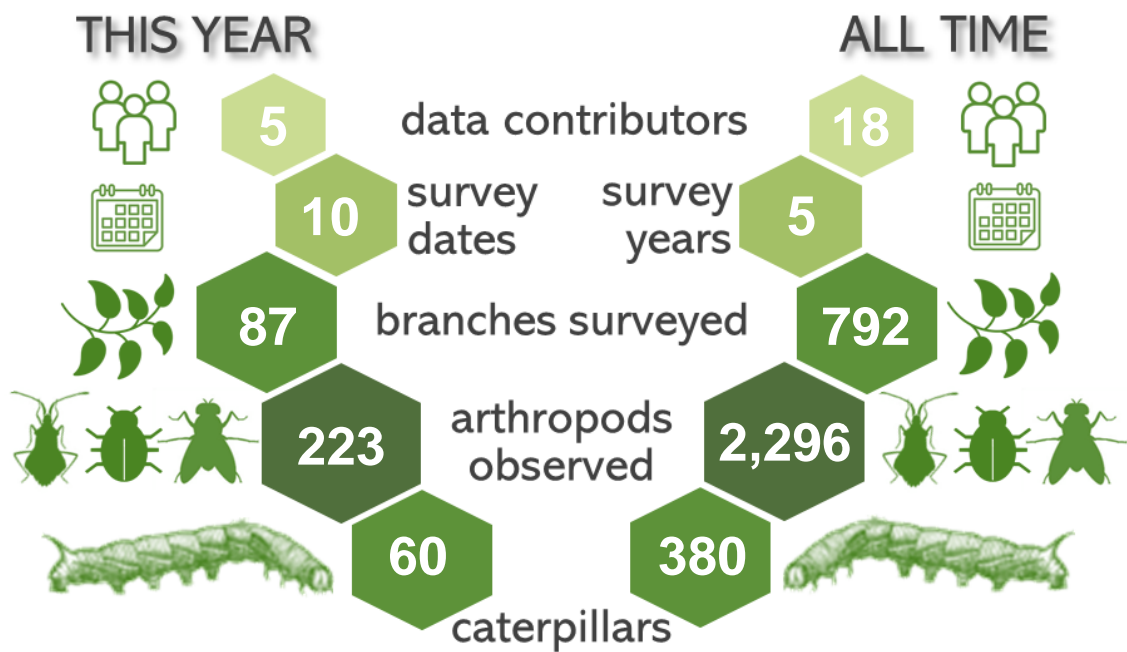




EwA at Horn Pond, 2025 Summary



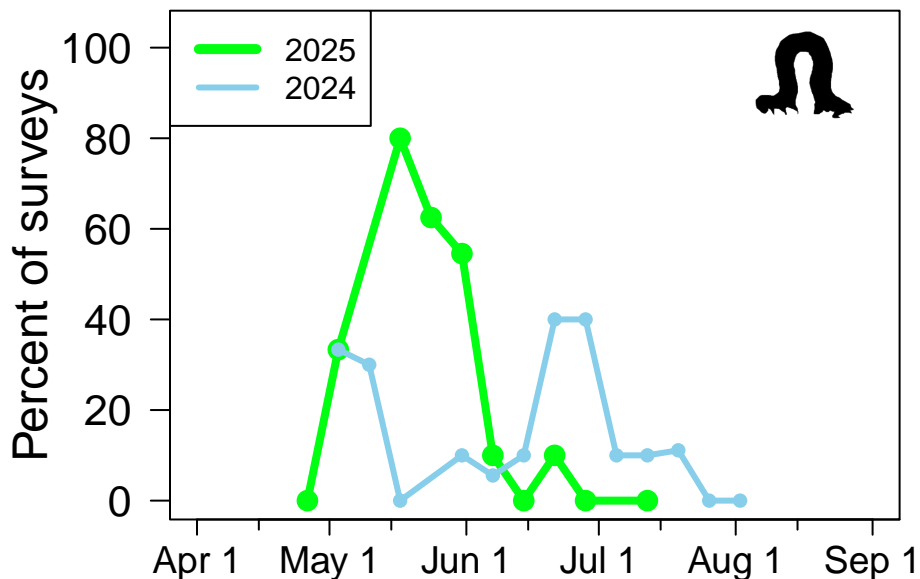
The 87 total surveys conducted at **EwA at Horn Pond** this year ranks **44th** out of the **68** sites that participated in 2025.

Top Participants of 2025

User	Surveys	Arthropods	Caterpillars	% Caterpillars
J Grams	1	1	1	100.00
A Mackie	6	16	6	50.00
C O'NEILL	32	81	29	31.25
J Wardell	32	98	24	28.12
K Rice	16	27	0	0.00

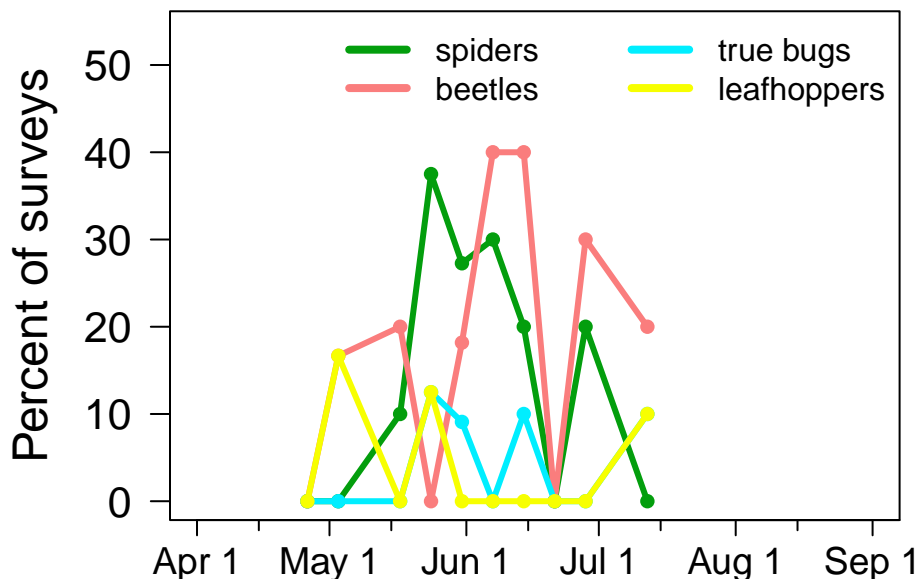
## Caterpillar Phenology

As a major source of food for nestlings of migratory birds, we are especially interested in the timing of caterpillar availability. At **EwA at Horn Pond in 2025**, caterpillar occurrence peaked at **80%** of surveys on **17 May**. Do you see other peaks as well? How does the pattern compare to the previous year?



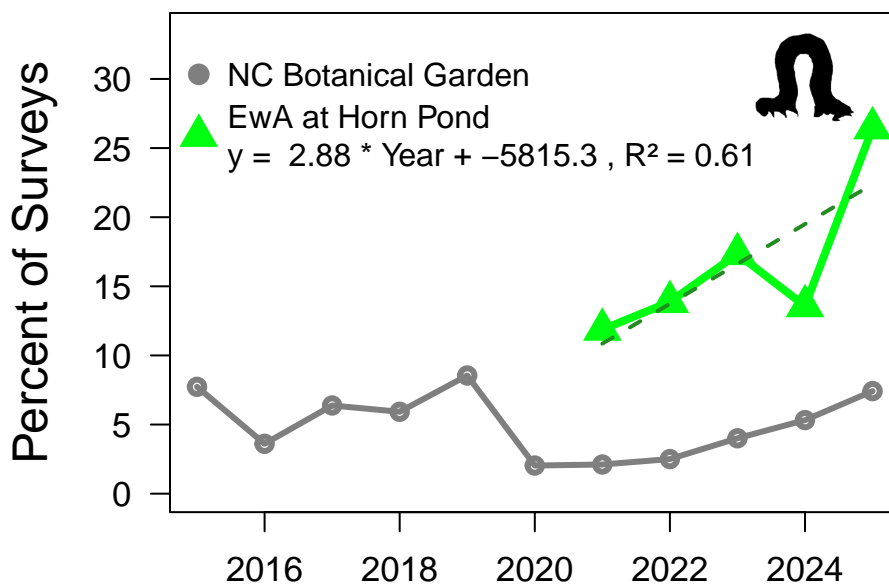
## Other Arthropod Phenology

While caterpillars tend to have pronounced seasonal peaks, other groups are more variable. What patterns do you see below for **2025**? You can explore the phenology of other groups on the ***Caterpillars Count!*** website.



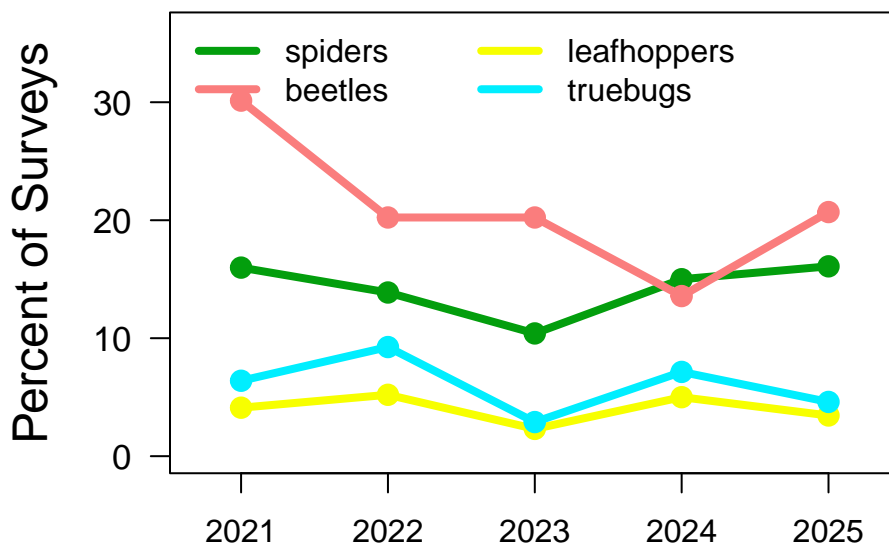
## Arthropod Trends

Annual monitoring is critical for assessing the health of ecosystems and evaluating the impacts of environmental change that may be happening in your area. There have been worrying reports of insect declines around the world but there is much we don't know, so your efforts help to fill in pieces of the puzzle. Keep it up!



Above you can see how the proportion of surveys with caterpillars has varied over time at your site, with the trend for one of our flagship sites, **NC Botanical Garden**, for comparison. If you've surveyed for at least 3 years, then you will also see the average dashed trend line displayed.

Below are trends for some other common arthropod groups. Do the different groups go up and down in sync, or seem to vary independently?

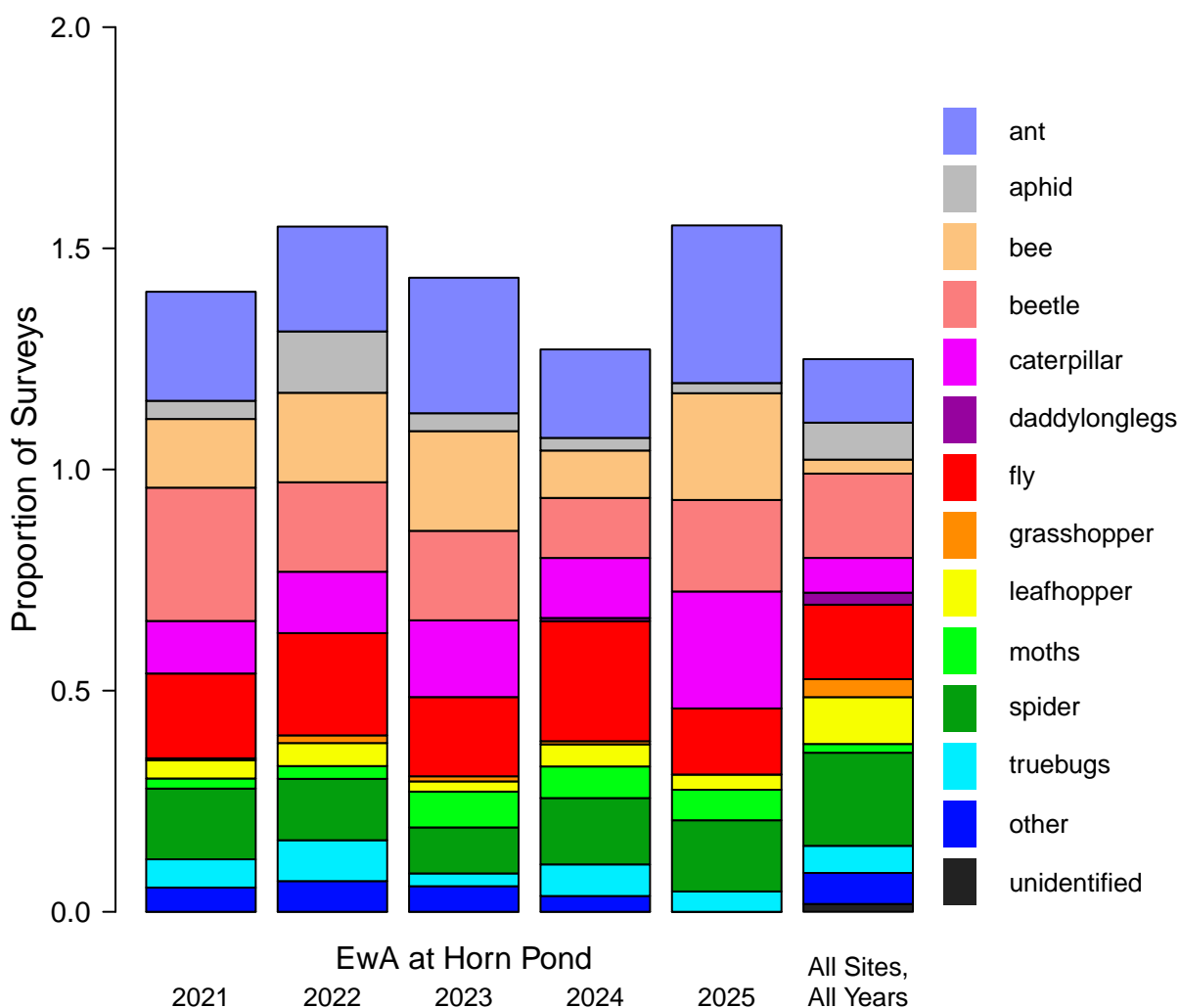


You can explore trends for more arthropod groups, and compare trends at different sites, on your site's **Trends Page**. See also our **November 2021 newsletter** for more on how to interpret these trends.

## Site Arthropod Composition

Some arthropods are more commonly encountered than others. The graph below portrays the occurrence (proportion of surveys where a given group was found) for each arthropod group found at your site. See how what was found varies by year (if the site has been participating for multiple years), and how it compares to what has been found across all sites in the **Caterpillars Count!** network (*right bar*).

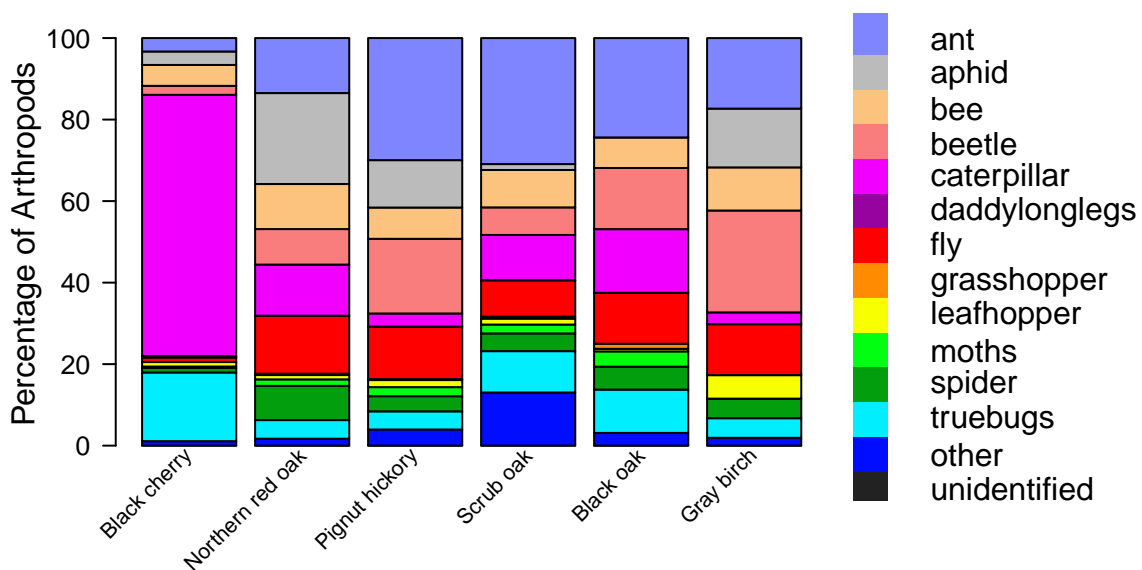
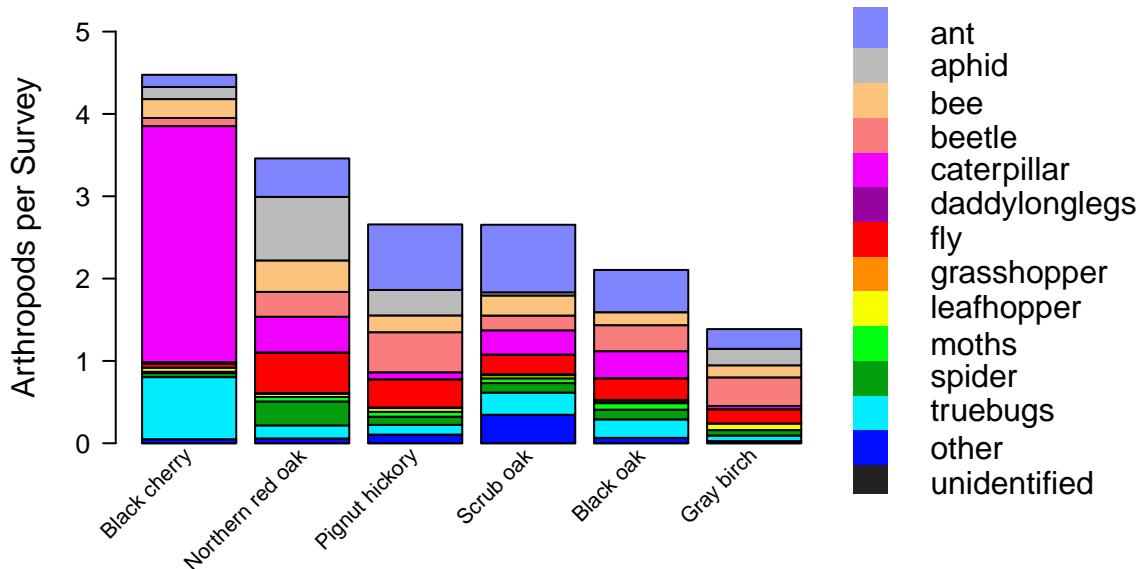
- What are the most common arthropod groups found at your site?
- Has that varied by year?
- Is anything noticeably different about **EwA at Horn Pond** compared to all other participating sites?
- If arthropod photos were submitted as part of your site's surveys, check the last section of this report for a summary of any finer taxonomic id's that have been made.



## Arthropod Composition by Plant Species

For some arthropods like spiders, trees and leaves are merely habitat—a place where they live, hide, and hunt. For others like caterpillars, the leaves are not just habitat, but also food.

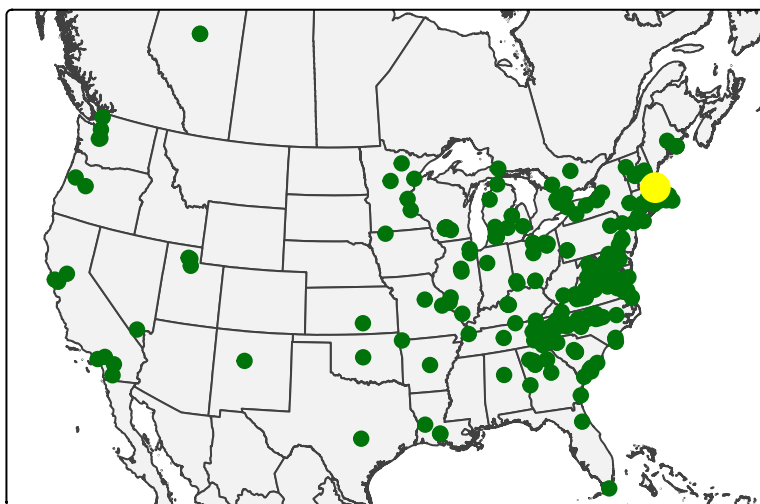
- Which plant species supports the most arthropods per survey?
- Which plant species supports the most **caterpillars**?
- Are any plant species dominated by just one or two types of arthropods?
- Or do they support a diversity of arthropod types?



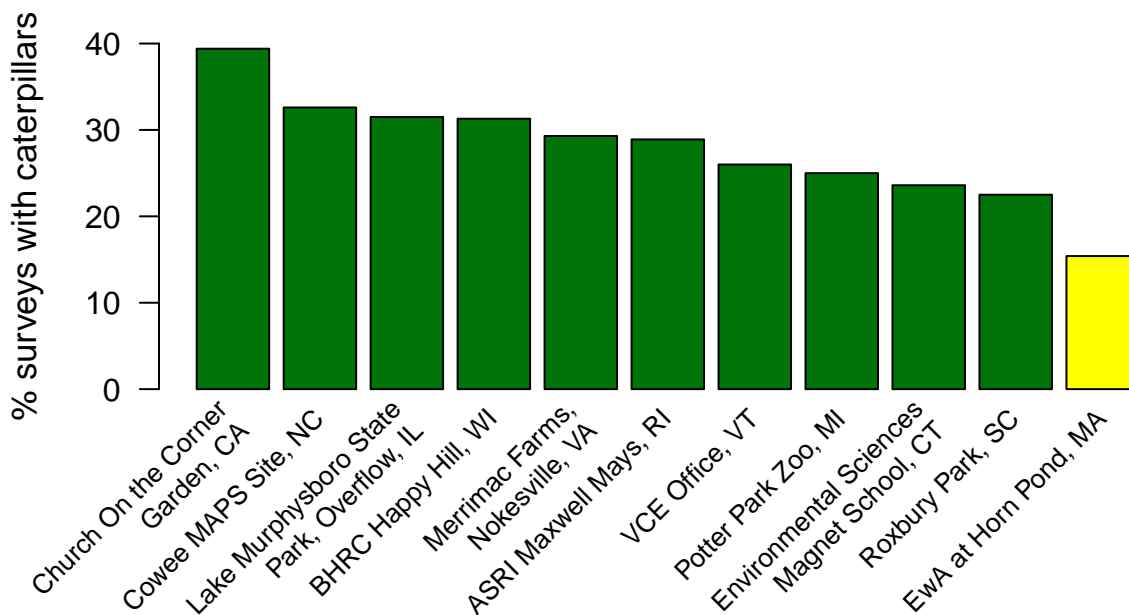
This bottom panel shows, of the arthropods found on a given plant species, what proportion were from each taxonomic group. At most, only the top 25 plant species are shown.

## Broader Patterns

Thanks to participants like yourself, **Caterpillars Count!** observers have now submitted a total of **358,184** arthropod observations—including **23,494 caterpillars**—from **274** different sites.



Across all surveys ever done at **EwA at Horn Pond**, caterpillars have been found **15.4%** of the time, which ranks **32nd** across the **204** sites with  $\geq 20$  surveys. The top 10 sites are shown for comparison.



Caterpillar occurrence and phenology vary as a function of climate, land cover, tree species, and other local factors, and **your data** are helping us understand this variation and what it might mean for birds. Thank you for participating in **Caterpillars Count!**

## Expert Identifications

Your site has submitted **849 Caterpillars Count!** photos which ranks **12nd** out of the **191** sites with photos. You can check them all out at the site's **iNaturalist page**. Based on these photos, experts on **iNaturalist** have identified the following taxa, including at least **67** unique species. Taxa seen for the first time this year are marked with a \*.

### Caterpillars

Bucculatricidae  
Bucculatrix sp.  
Elachistidae  
Phigalia strigataria\*  
Geometridae  
Lasiocampidae  
Malacosoma americana  
Limacodidae  
Apoda sp.  
Noctuidae  
Acronicta lobeliae  
Amphipyra pyramidoides  
Morrisonia confusa  
Notodontidae  
Furcula borealis  
Paraeschna georgica  
Pyrilidae  
Pococera expandens  
Saturniidae  
Antheraea polyphemus

### Moths, Butterflies

Bucculatricidae  
Bucculatrix sp.  
Crambidae  
Crambus albellus  
Urola nivalis  
Eriocraniidae  
Dyseriocrania griseocapitella  
Heliozelidae  
Coptodisca luciflua  
Noctuidae  
Cosmia calami  
Oecophoridae  
Mathildana newmanella  
Saturniidae  
Antheraea polyphemus  
Tortricidae

Acleris sp.

### Spiders

Anyphaenidae  
Anyphaena sp.  
Araneidae  
Araniella displicata  
Neoscona arabesca  
Clubionidae  
Clubiona sp.  
Dictynidae  
Philodromidae  
Philodromus sp.  
Salticidae  
Hentzia mitrata  
Tutelina sp.  
Maevia inclemens  
Paraphidippus aurantius  
Thomisidae  
Bassaniana sp.

### Grasshoppers, Crickets

Acrididae  
Melanoplus sp.  
Gryllidae  
Hapithus saltator  
Oecanthus exclamationis  
Oecanthidae  
Oecanthus sp.  
Tettigoniidae  
Scudderia sp.  
Meconema thalassinum

### True Bugs

Miridae  
Hyaliodes sp.  
Pentatomidae  
Podisus placidus  
Reduviidae  
Zelus luridus

Tingidae

### Leafhoppers, Cicadas

Cicadellidae  
Erythrindula sp.  
Scaphytopius sp.  
Jikradia olitoria  
Penthimia americana  
Rugosana querci  
Derbidae  
Otiocerus amyotii  
Flatidae  
Flatormenis proxima  
Metcalfa pruinosa  
Membracidae  
Enchenopa binotata

### Aphids, Scales

Aphididae  
Monellia microsetosa  
Hormaphididae  
Hamamelistes spinosus\*

### Beetles

Apionidae  
Attelabidae  
Eugnamptus sp.  
Homoeolabus analis  
Pterocolus ovatus  
Synolabus bipustulatus  
Synolabus nigripes  
Buprestidae  
Brachys aerosus  
Brachys ovatus  
Mastogenius crenulatus  
Cerambycidae  
Tetrops praeustus  
Chrysomelidae  
Coleothorpa dominicana  
Coccinellidae

Harmonia axyridis  
 Curculionidae  
   Anthonomus sp.  
   Cyrtepidomus castaneus  
   Polydrusus formosus  
   Strophosoma melanogrammum  
 Elateridae  
   Gambrinus sp.  
 Lampyridae  
   Ellychnia sp.  
 Lycidae  
   Calopteron reticulatum

### Bees, Wasps

Apidae  
   Apis mellifera  
   Bombus impatiens  
 Braconidae  
 Crabronidae  
   Cerceris sp.  
   Philanthus bilunatus  
 Cynipidae  
 Eupelmidae\*  
 Halictidae  
   Lasioglossum sp.  
 Ichneumonidae  
 Mutillidae  
   Pseudomethoca frigida  
 Tenthredinidae  
   Caliroa sp.  
   Pristiphora chlorea  
 Tiphiidae  
 Torymidae  
 Vespidae  
   Vespula maculifrons  
 Xyelidae  
   Xyela sp.  
 Choreutidae

### Ants

Formicidae  
   Formica fusca  
   Camponotus americanus  
   Camponotus nearcticus  
   Camponotus pennsylvanicus  
   Crematogaster sp.\*  
   Dolichoderus plagiatus

### Flies

Asilidae  
   Laphria sericea  
   Efferia aestuans  
 Chironomidae  
   Microtendipes sp.  
 Culicidae  
   Culex sp.  
 Dolichopodidae  
   Chrysotus sp.  
   Condyllostylus patibulatus  
 Empididae  
   Rhamphomyia sp.  
 Lauxaniidae  
 Phoridae  
 Sarcophagidae  
 Syrphidae  
   Toxomerus marginatus\*  
 Liviidae

### Other observations

Blattodea  
   Ectobius  
 Mantodea  
   Tenodera sinensis  
 Odonata  
   Pachydiplax longipennis  
 Stylommatophora  
   Succineidae

Thysanoptera  
   Aeolothrips  
 Trichoptera  
   Leptoceridae  
   Mystacides sepulchralis



Thank you for participating in **Caterpillars Count!** For a more in-depth exploration of the data check out our **Maps & Graphs page**. The raw data from your site, or any site, can be downloaded **here!**

We can't wait to see what you find next year!



Spicebush swallowtail caterpillar, *Papilio troilus*, observed by *tem1691* on August 22, 2025 at **Lake Murphysboro State Park, Overflow**, Illinois.

**Allen Hurlbert**

Director

*Caterpillars Count!*

caterpillarscount@gmail.com