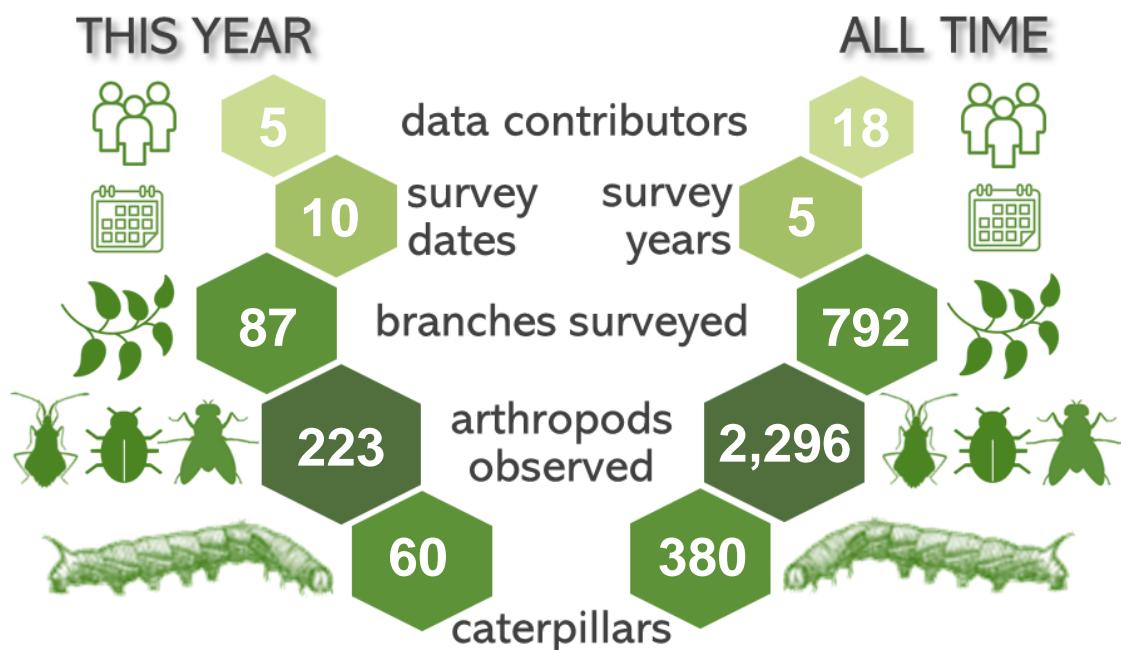




## EwA at Horn Pond, 2025 Summary



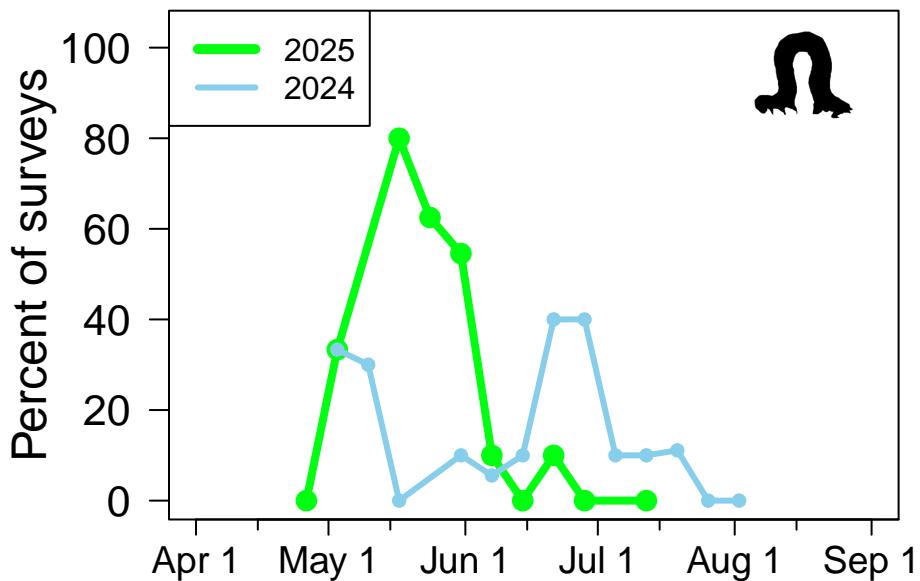
The **87** total surveys conducted at **EwA at Horn Pond** this year ranks **44th** out of the **68** sites that participated in 2025.

### 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

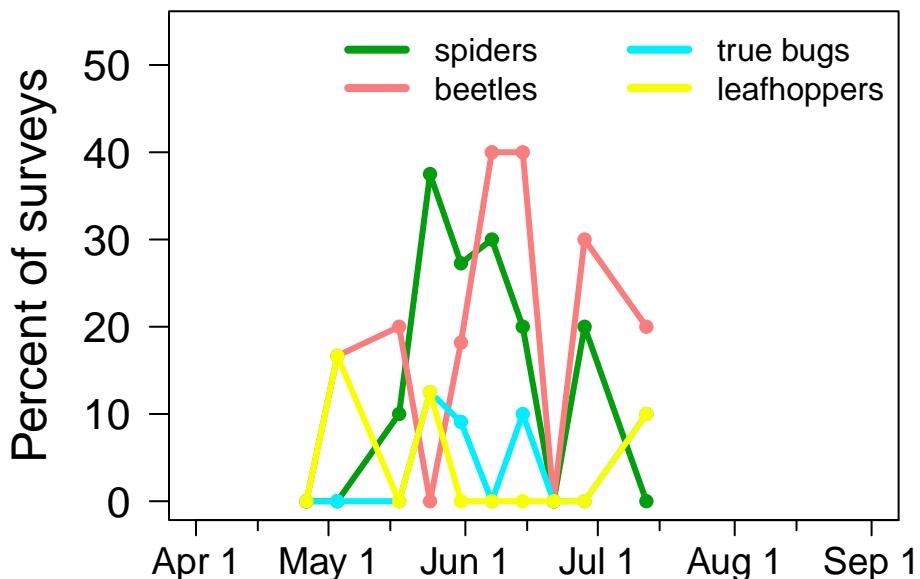
## Caterpillar Phenology

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?



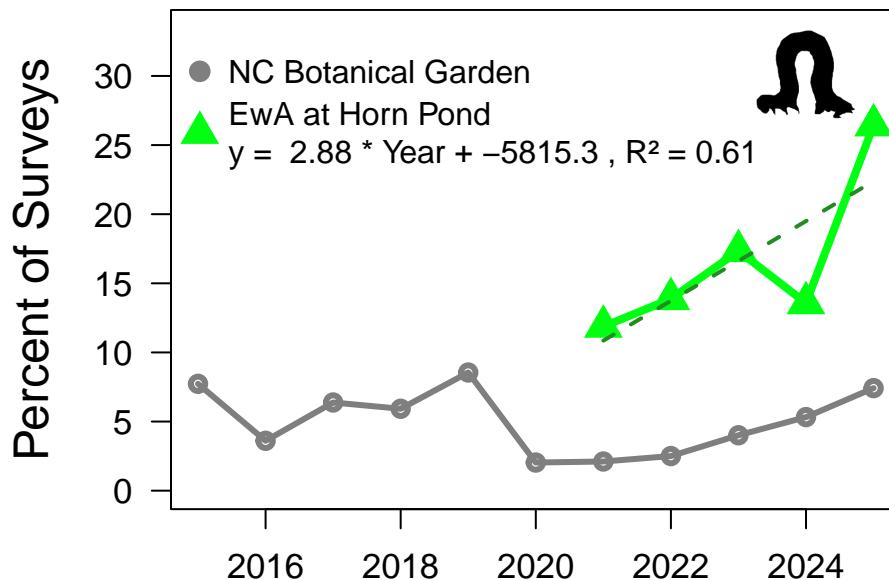
## Other Arthropod Phenology

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](#).



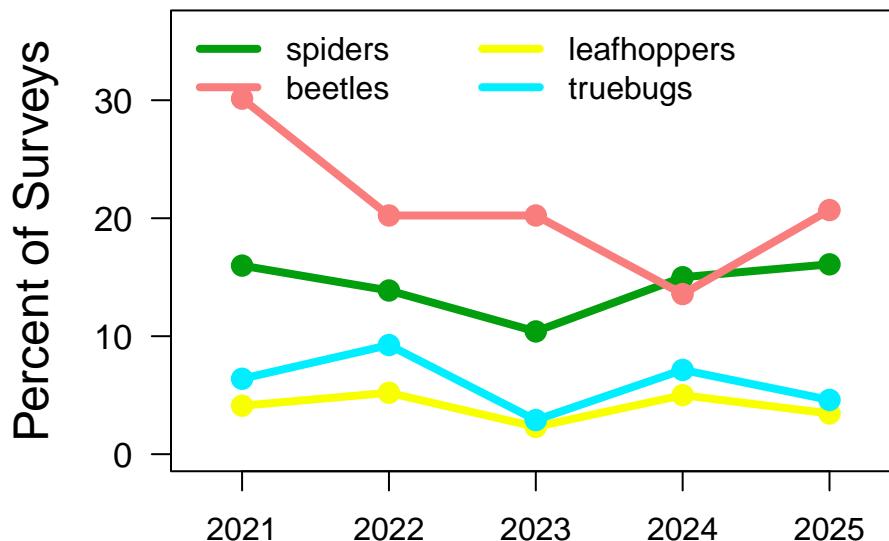
## Arthropod Trends

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?

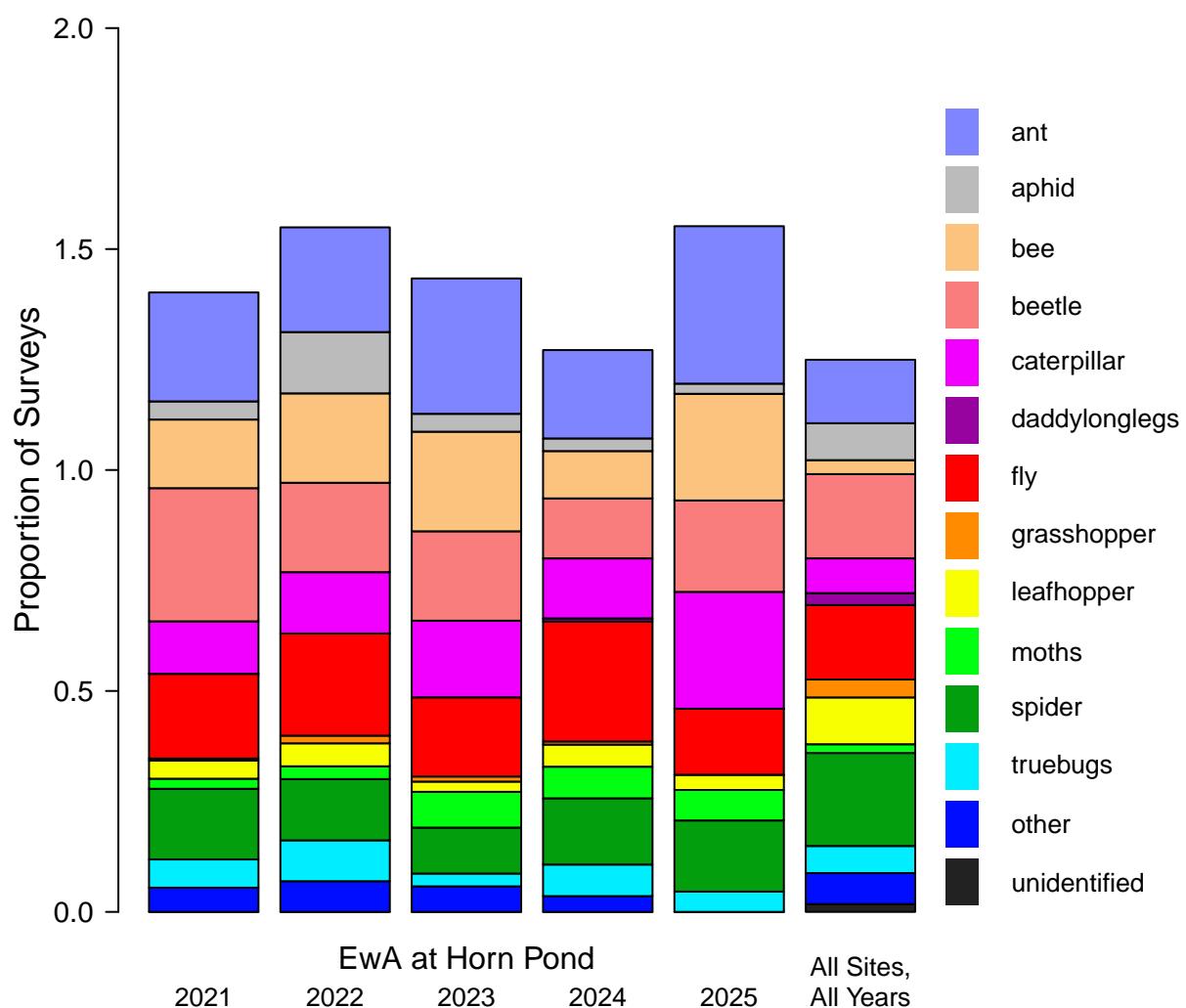


You can explore trends for more arthropod groups, and compare trends at different sites, on your site's [Trends Page](#). See also our [November 2021 newsletter](#) for more on how to interpret these trends.

## 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*).

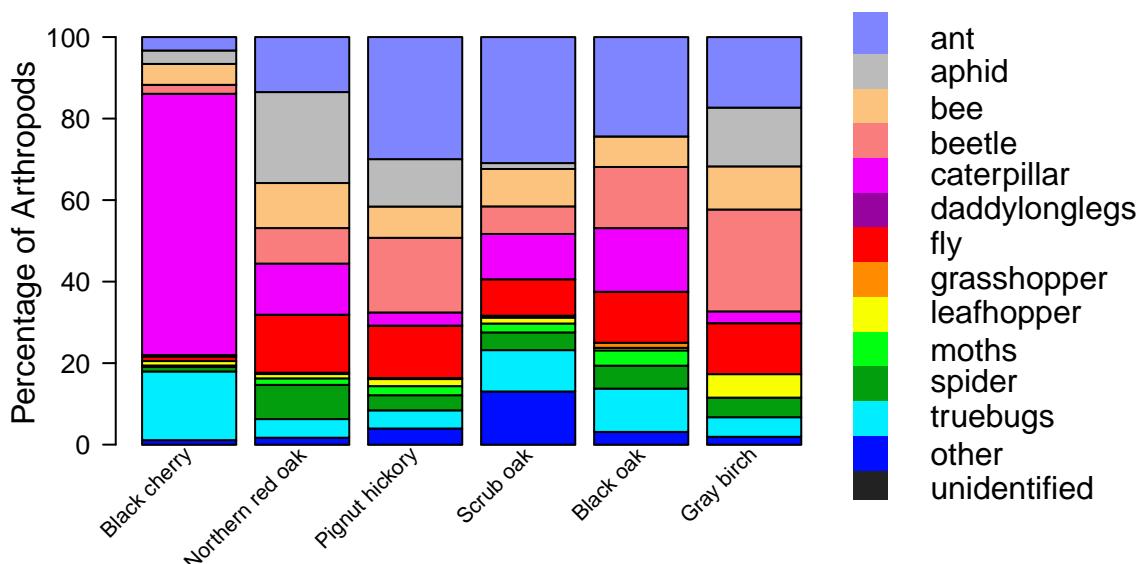
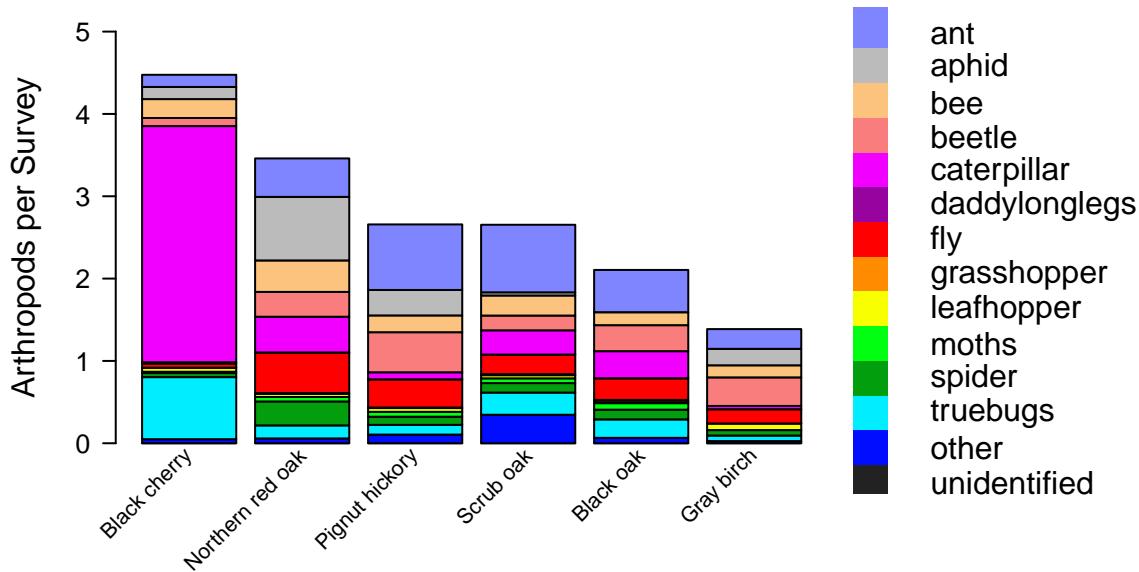
- What are the most common arthropod groups found at your site?
- Has that varied by year?
- Is anything noticeably different about **EwA at Horn Pond** compared to all other participating sites?
- If arthropod photos were submitted as part of your site's surveys, check the last section of this report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

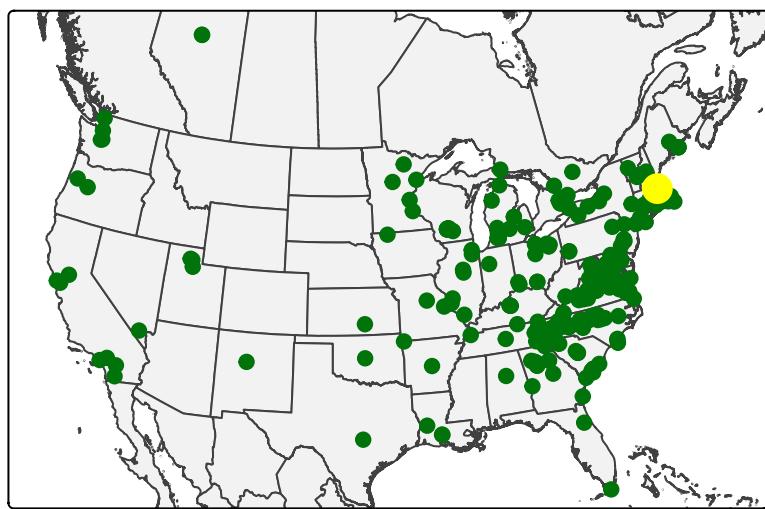
- Which plant species supports the most arthropods per survey?
- Which plant species supports the most **caterpillars**?
- Are any plant species dominated by just one or two types of arthropods?
- Or do they support a diversity of arthropod types?



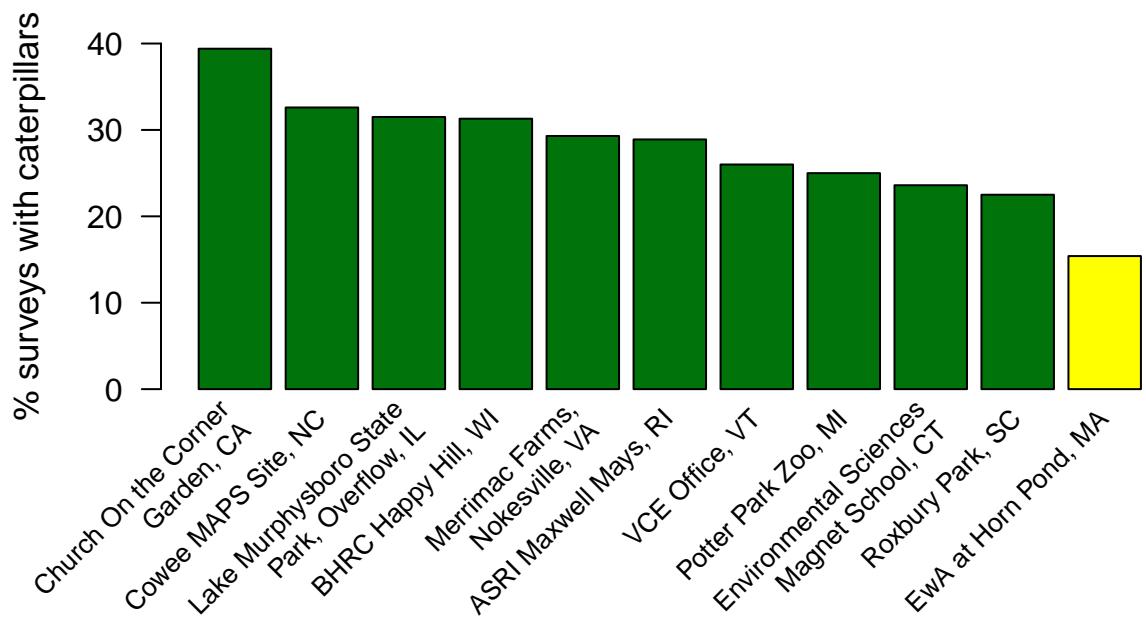
This bottom panel shows, of the arthropods found on a given plant species, what proportion were from each taxonomic group. At most, only the top 25 plant species are shown.

## 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  
Amphyra pyramidoides  
Morrisonia confusa  
Notodontidae  
Furcula borealis  
Paraeschra georgica  
Pyralidae  
Pococera expandens  
Saturniidae  
Antheraea polyphemus

### Moths, Butterflies

Bucculatricidae  
Bucculatrix sp.  
Crambidae  
Crambus albellus  
Urola nivalis  
Eriocraniidae  
Dyseriocrania griseocapitella  
Heliozelidae  
Coptodisca lucifluella  
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  
Erythrula sp.  
Scaphytopius sp.  
Jikradia olitoria  
Penthimia americana  
Rugosana querki  
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	<u>Ants</u>	Thysanoptera
Curculionidae	Formicidae	Aeolothrips
Anthonomus sp.	<i>Formica fusca</i>	Trichoptera
Cyrtepistomus castaneus	<i>Camponotus americanus</i>	Leptoceridae
Polydrusus formosus	<i>Camponotus nearcticus</i>	Mystacides sepulchralis
Strophosoma melanogrammum	<i>Camponotus pennsylvanicus</i>	
Elateridae	<i>Crematogaster</i> sp.*	
Gambrinus sp.	<i>Dolichoderus plagiatus</i>	
Lampyridae	<u>Flies</u>	
Ellychnia sp.	Asilidae	
Lycidae	<i>Laphria sericea</i>	
Calopteron reticulatum	<i>Efferia aestuans</i>	
<u>Bees, Wasps</u>	Chironomidae	
Apidae	<i>Microtendipes</i> sp.	
Apis mellifera	Culicidae	
Bombus impatiens	<i>Culex</i> sp.	
Braconidae	Dolichopodidae	
Crabronidae	<i>Chrysotus</i> sp.	
Cerceris sp.	<i>Condylostylus patibulatus</i>	
Philanthus bilunatus	Empididae	
Cynipidae	<i>Rhamphomyia</i> sp.	
Eupelmidae*	Lauxaniidae	
Halictidae	Phoridae	
Lasioglossum sp.	Sarcophagidae	
Ichneumonidae	Syrphidae	
Mutillidae	<i>Toxomerus marginatus</i> *	
Pseudomethoca frigida	Liviidae	
Tenthredinidae	<u>Other observations</u>	
Caliroa sp.	Blattodea	
Pristiphora chlorea	<i>Ectobius</i>	
Tiphidae	Mantodea	
Torymidae	<i>Tenodera sinensis</i>	
Vespidae	Odonata	
Vespa maculifrons	<i>Pachydiplax longipennis</i>	
Xyelidae	Stylopomatophora	
Xyela sp.	<i>Succineidae</i>	
Choreutidae		

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