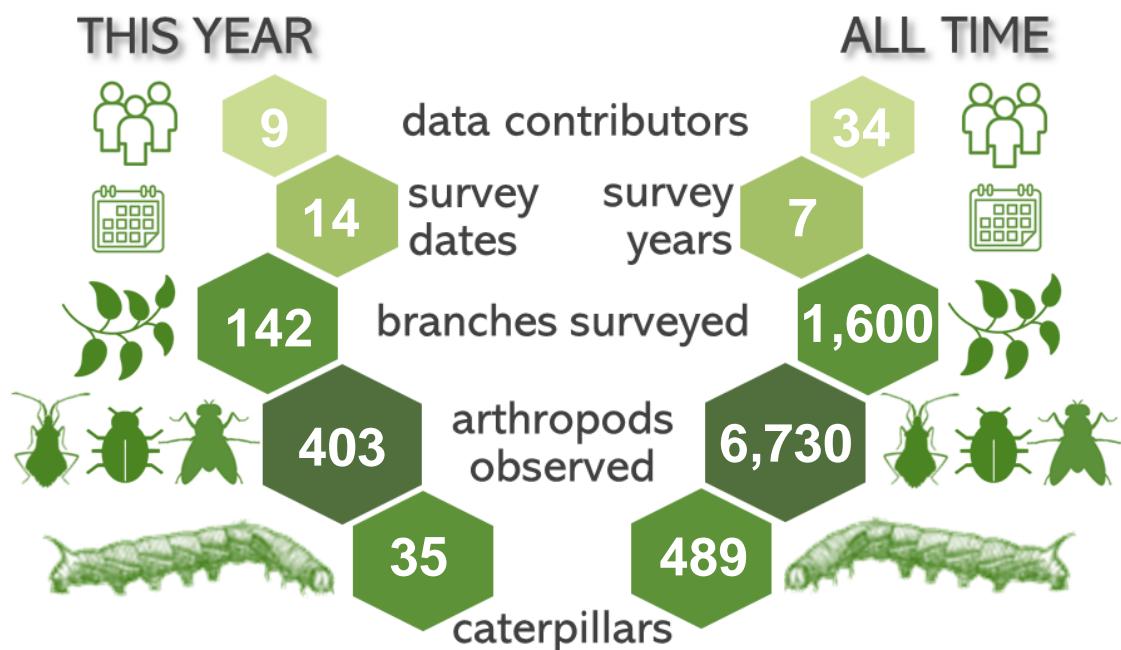




EwA at the Fells, 2025 Summary



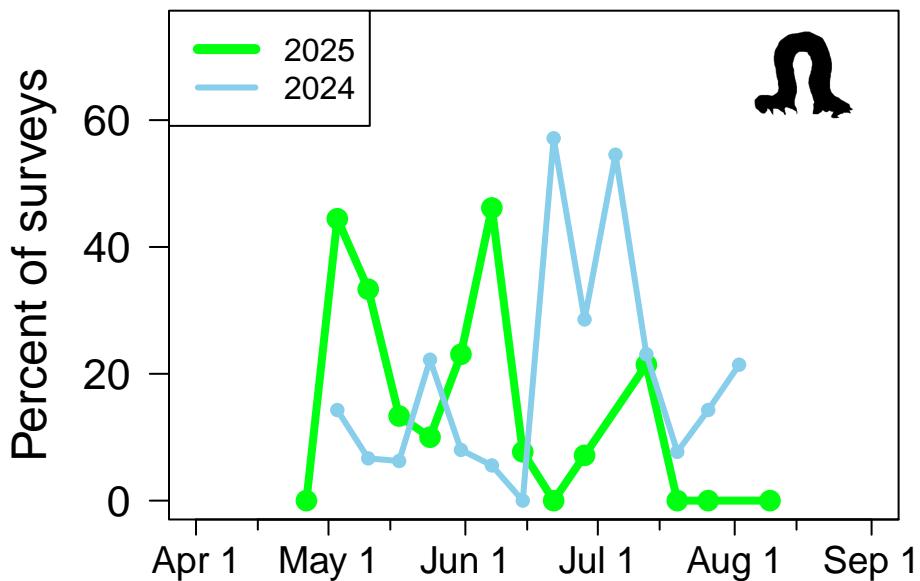
The **142** total surveys conducted at **EwA at the Fells** this year ranks **34th** out of the **68** sites that participated in 2025.

Top Participants of 2025

User	Surveys	Arthropods	Caterpillars	% Caterpillars
K McGlathery	4	14	4	50.00
A Mackie	13	42	7	46.15
C O'NEILL	43	108	16	18.60
J Wardell	31	149	6	16.13
J Grams	7	12	1	14.29
D Patel	21	49	1	4.76
A Bhallamudi	6	18	0	0.00
B D	4	5	0	0.00

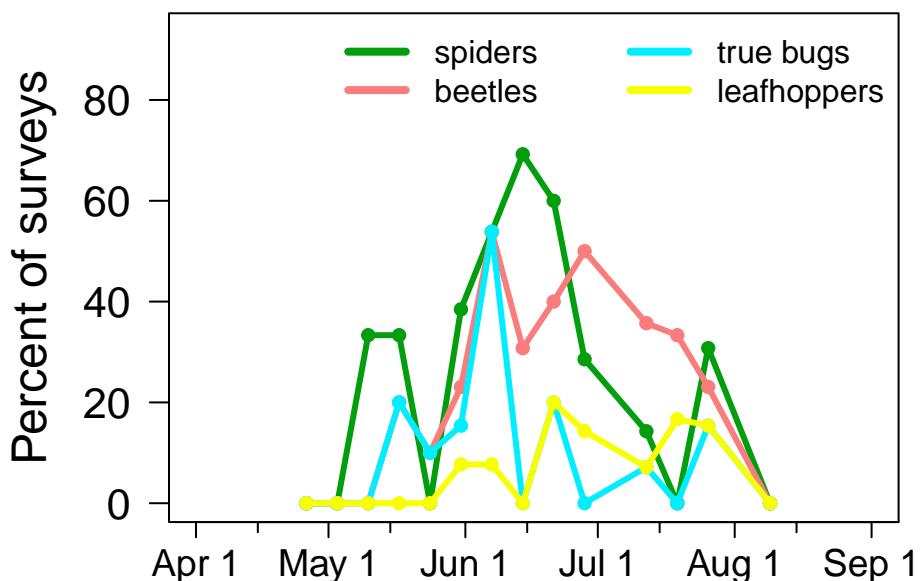
Caterpillar Phenology

As a major source of food for nestlings of migratory birds, we are especially interested in the timing of caterpillar availability. At **EwA at the Fells in 2025**, caterpillar occurrence peaked at **46.2%** of surveys on **7 June**. Do you see other peaks as well? How does the pattern compare to the previous year?



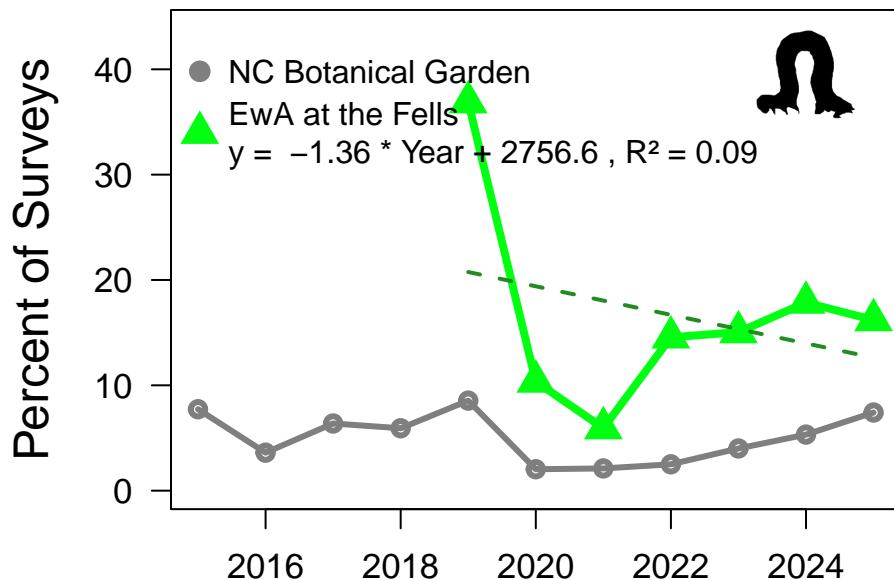
Other Arthropod Phenology

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](#).



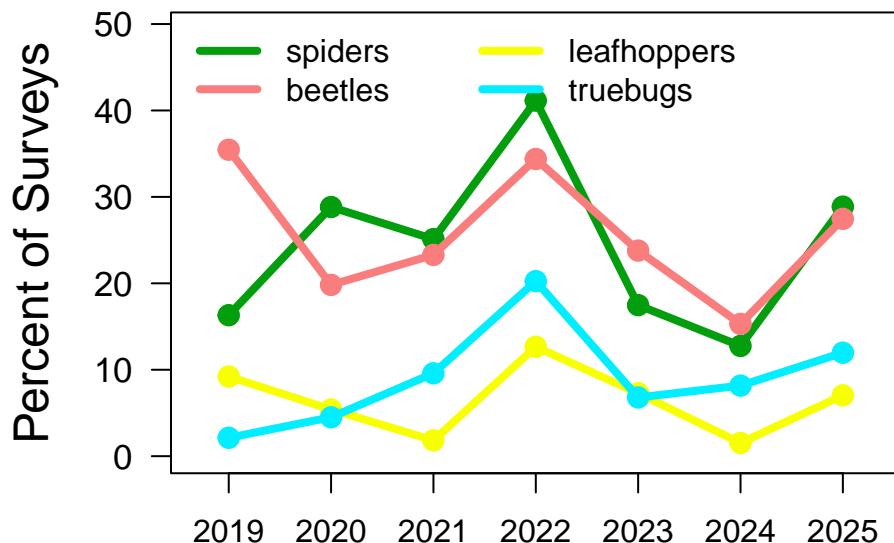
Arthropod Trends

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?

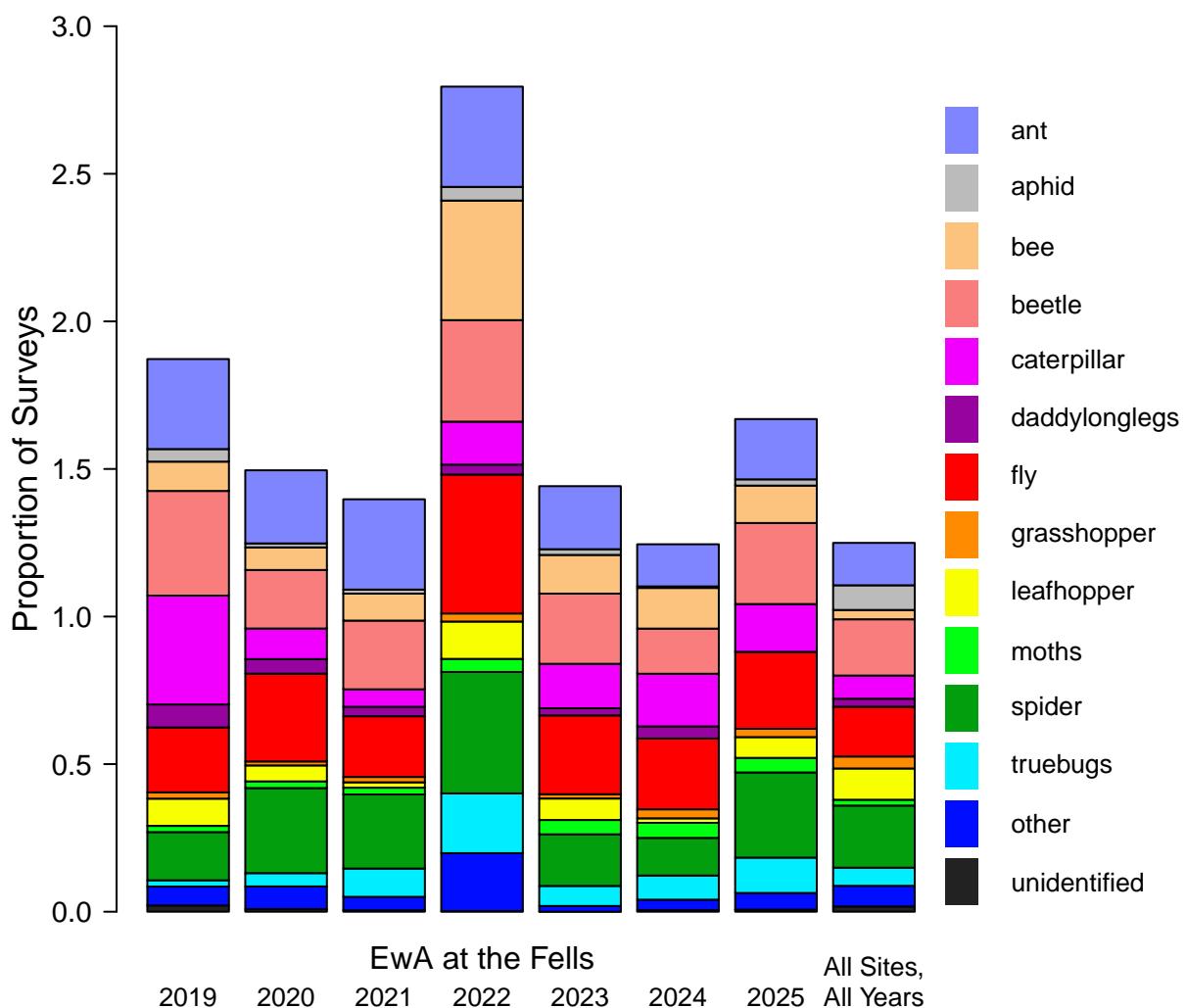


You can explore trends for more arthropod groups, and compare trends at different sites, on your site's [Trends Page](#). See also our [November 2021 newsletter](#) for more on how to interpret these trends.

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*).

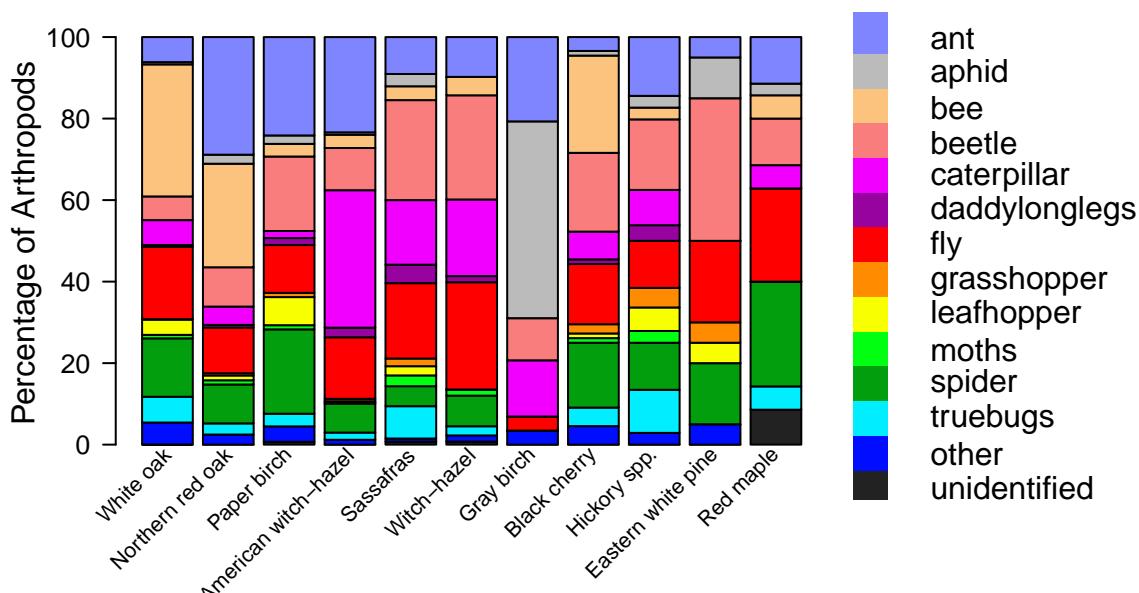
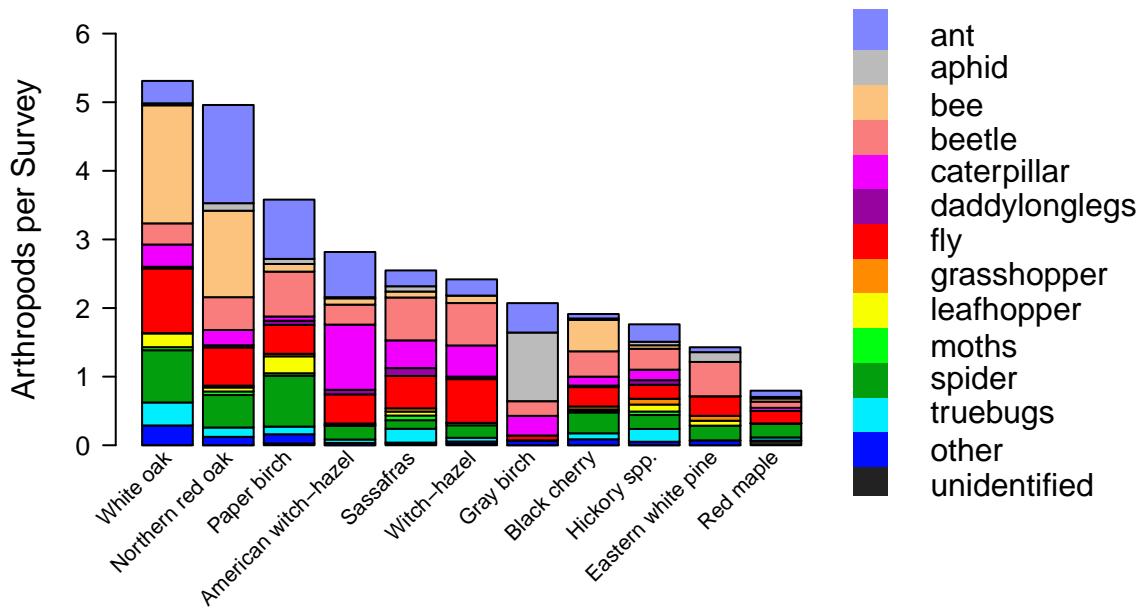
- What are the most common arthropod groups found at your site?
- Has that varied by year?
- Is anything noticeably different about **EwA at the Fells** compared to all other participating sites?
- If arthropod photos were submitted as part of your site's surveys, check the last section of this report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

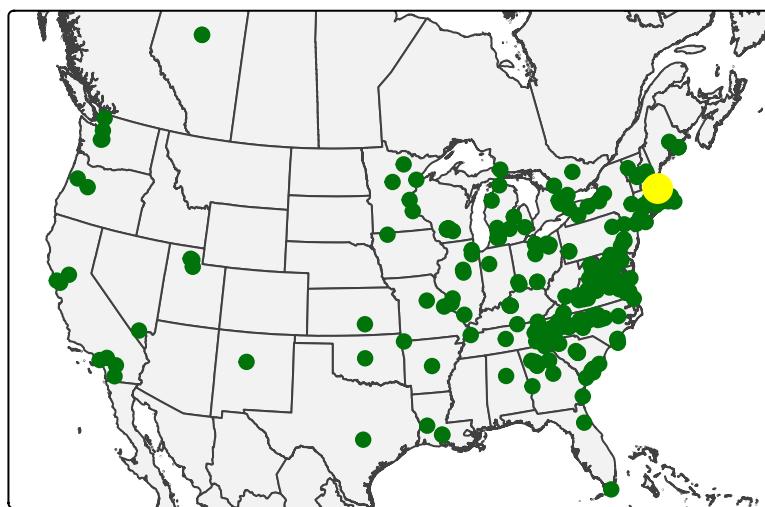
- Which plant species supports the most arthropods per survey?
- Which plant species supports the most **caterpillars**?
- Are any plant species dominated by just one or two types of arthropods?
- Or do they support a diversity of arthropod types?



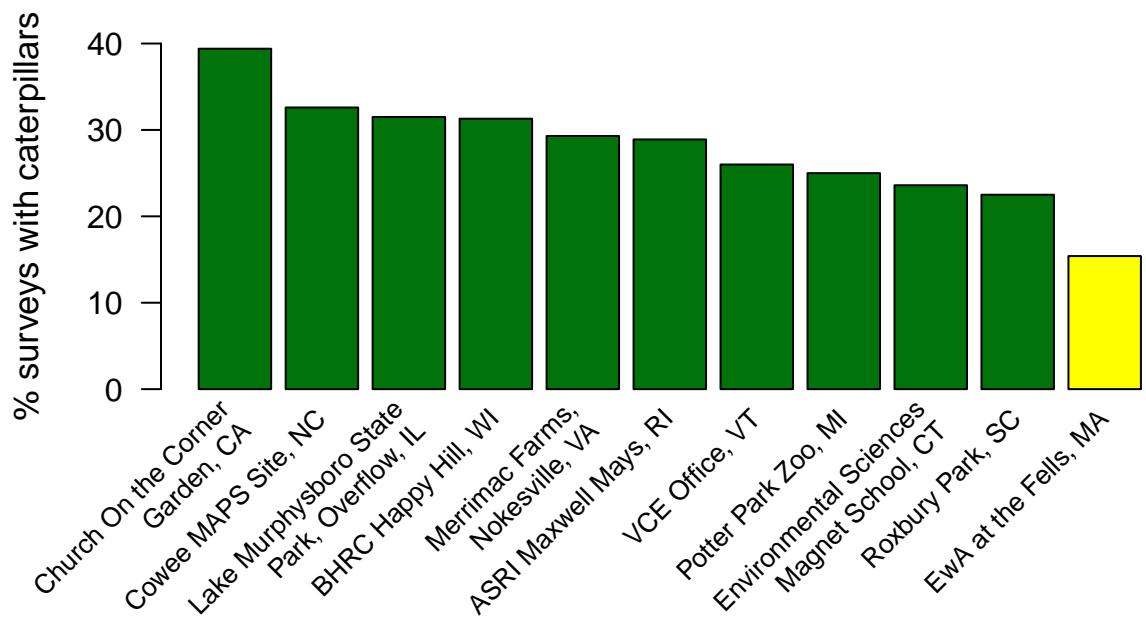
This bottom panel shows, of the arthropods found on a given plant species, what proportion were from each taxonomic group. At most, only the top 25 plant species are shown.

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 the Fells**, caterpillars have been found **15.4%** of the time, which ranks **31st** across the **204** sites with ≥ 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 **2,863 Caterpillars Count!** photos which ranks **3rd** 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 **92** unique species. Taxa seen for the first time this year are marked with a *.

Caterpillars

Depressariidae	
<i>Antaeotricha schlaegeri</i>	
Machimia tentoriferella	
Erebidae	
<i>Halysidota tessellaris</i>	
<i>Lymantria dispar</i>	
Gelechiidae	
<i>Arogalea cristifasciella</i>	
Geometridae	
Gracillariidae	
<i>Cameraria sp.</i>	
<i>Phyllonorycter basistrigella</i>	
<i>Caloptilia paradoxum</i>	
Noctuidae	
<i>Acronicta increta</i>	
<i>Acronicta lithospila</i>	
<i>Feralia sp.</i>	
<i>Pyreferra sp.</i>	
<i>Amphipyra pyramidoides</i>	
<i>Morrisonia latex</i>	
Notodontidae	
<i>Cecrita guttivitta</i>	
<i>Heterocampa obliqua</i>	
<i>Nadata gibbosa</i>	
Psychidae	
<i>Psyche casta</i>	
Sphingidae	
<i>Paonias excaecata</i>	
Tischeriidae	
<i>Coptotriche badiella</i>	
Moths, Butterflies	
Gelechiidae	
Geometridae	
Gracillariidae	
<i>Marmara sp.</i>	
<i>Phyllocnistis sp.</i>	
Oecophoridae	

Mathildana newmanella

Promalactis suzukiella

Psychidae

Psyche casta

Tortricidae

*Acleris sp.**

Olethreutes fasciatana

Argyrotaenia alisellana

Spiders

Agelenidae

Anyphaenidae

Anyphaena sp.

Wulfila sp.

Araneidae

Araniella displicata

Mastophora sp.

Dictynidae

Emblyna sp.

Hahniidae

Linyphiidae

Florinda sp.

Pityohyphantes sp.

Neriene radiata

Mimetidae

Mimetus sp.

Philodromidae

Philodromus sp.

Salticidae

Hentzia mitrata

Synemosyna formica

Tetragnathidae

Tetragnatha sp.

Leucauge venusta

Theridiidae

Theridion sp.

Parasteatoda tepidariorum

Thomisidae

*Tmarus angulatus**

Misumessus oblongus

Grasshoppers, Crickets

Acrididae

Melanoplus sp.

Gryllidae

Hapithus saltator

Oecanthidae

Oecanthus sp.

Tettigoniidae

Scudderia sp.

Meconema thalassinum

True Bugs

Lygaeidae

Kleidocerys sp.

Miridae

Hyaliodes harti

Neolygus sp.

Neurocolpus sp.

Phytocoris sp.

Pentatomidae

Dendrocoris humeralis

Phymatidae

Phymata sp.

Reduviidae

Zelus luridus

Tingidae

Corythucha sp.

*Stephanitis takeyai**

Leafhoppers, Cicadas

Acanaloniidae

Acanalonia conica

Cicadellidae

Eratoneura sp.

Jikradia olitoria

Ossiannilssonola australis

Rugosana querki

Derbidae

Cedusa sp.	Polydrusus formosus	Figitidae
Membracidae	Pseudoedophrys hilleri	Ichneumonidae
Aphids, Scales	Strophosoma melanogrammum	Pergidae
Adelgidae*	Elateridae	Acordulecera sp.
Aphididae	Melanotus sp.	Tenthredinidae
Beetles	Horistonotus curiatus	Caliroa sp.
Aderidae	Idolus bigeminatus	Craterocercus sp.
Syzeton subfasciatus	Limonius basilaris	Profenusia sp.
Anthribidae	Limonius quercinus	Vespidae
Artematopodidae	Eucnemidae	Polistes fuscatus
Attelabidae	Lampyridae	Vespa flavopilosa
Synolabus bipustulatus	Ellychnia corrusca	Vespa maculifrons
Buprestidae	Lycidae	Vespa vidua
Agrilus sp.	Leptoceletes basalis	Choreutidae*
Brachys aeruginosus	Melandryidae	Ants
Brachys ovatus	Mordellidae	Formicidae
Cantharidae	Mordella marginata	Formica fusca
Podabrus sp.	Mordellistena trifasciata	Formica neogagates
Rhagonycha angulata	Mycetophagidae	Formica neogagates-group
Tytthonyx erythrocephala	Litargus tetraspilotus	Temnothorax schaumii
Cerambycidae	Scirtidae	Temnothorax curvispinosus
Strangalia famelica	Contacyphon sp.	Camponotus nearcticus
Chrysomelidae	Scirtes tibialis	Camponotus pennsylvanicus
Systema sp.	Scriptiidae	Crematogaster sp.
Balius niger	Anaspis sp.	Dolichoderus sp.
Cleridae	Tenebrionidae	Tapinoma sessile
Phyllobaenus sp.	Bees, Wasps	Flies
Coccinellidae	Argidae	Agromyzidae
Hyperaspis sp.	Bethylidae	Anthomyiidae
Coleomegilla maculata	Braconidae	Asilidae
Cryptolaemus montrouzieri	Cynipidae	Efferia aestuans
Harmonia axyridis	Melikaiella sp.	Bibionidae
Curculionidae	Diapriidae	Cecidomyiidae
Monarthrum sp.	Belyta sp.	Ceratopogonidae
Cyrtepistomus castaneus	Eulophidae*	Chaoboridae
Eulechriops minuta	Eurytomidae	Chaoborus punctipennis
Odontopus calceatus	Evanidae	Chironomidae
	Evanilla semaeoda	

Chyromyidae	Sympetrum vicinum
Culicidae	Opiliones
Dolichopodidae	Leiobunum vittatum
<i>Condylostylus caudatus</i>	Psocodea
<i>Chrysotus</i> sp.	<i>Polypsocus corruptus</i>
<i>Dolichopus</i> sp.	Psocidae
<i>Gymnopternus flavus</i>	Psocoptera
<i>Gymnopternus maculiventris</i>	<i>Polypsocus</i>
Hybotidae	Trichoptera
<i>Platypalpus</i> sp.	Leptoceridae
<i>Stilpon</i> sp.	Trombidiformes
Lauxaniidae	<i>Anystis</i>
<i>Homoneura</i> sp.	
<i>Minettia</i> sp.	
Limoniidae	
Muscidae	
<i>Neodexiopsis calopyga</i>	
Phoridae	
Rhagionidae	
<i>Rhagio mystaceus</i>	
Sarcophagidae	
Sciaridae	
Tipulidae	
Liviidae	
Rhaphidophoridae	

Other observations

Blattodea	
<i>Ectobius pallidus</i>	
<i>Ectobius</i>	
Neuroptera	
<i>Chrysoperla</i>	
<i>Chrysopidae</i>	
<i>Coniopterygidae</i>	
Odonata	
<i>Lestes</i>	
<i>Pachydiplax longipennis</i>	
<i>Sympetrum</i>	

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