# Caterpillars Count!

# 2018 End of Season Summary

#### **NC State University**

Thanks for participating in **Caterpillars Count!** this year! Here we provide a summary of what was found at your site this year. 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!

#### **Site Statistics**

**NC State University** joined **Caterpillars Count!** in **2018** and has **65** survey branches spread across **13** survey circles. This season (as of 29 September):

- 146 unique participant(s) at your site
- conducted 152 visual and 190 beat sheet surveys
- · on 17 different dates
- observing a total of 3205 arthropods
- including 4 caterpillars (present on 0.58% of surveys).
- Across all years, 146 unique participants have conducted 342 total surveys.

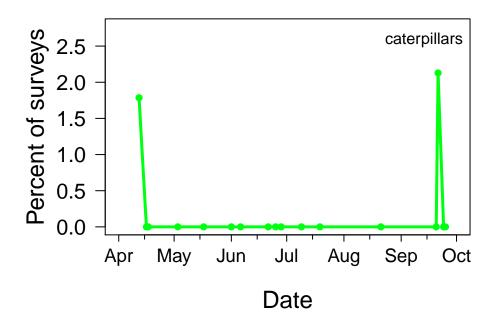
The **342** total surveys conducted at **NC State University** this year ranks **11st** out of the **30** sites that participated in 2018.

## **Top Participants of 2018**

User	Surveys	Arthropods	Caterpillars	% Caterpillars
T Harris	178	178	0	0
T Gates	10	25	0	0
S Denniston	3	7	0	0
A Brown	2	4	3	50
A Long	2	9	0	0
E Doolin	2	4	0	0
G Weaver	2	2	0	0
H Sharkawi	2	41	0	0

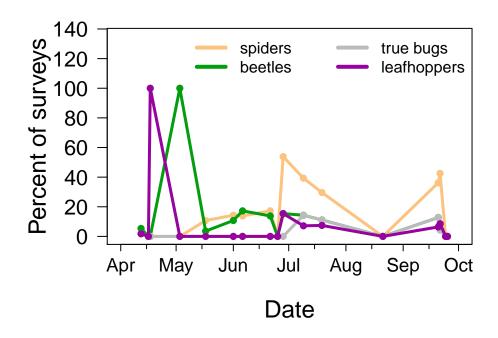
### **Caterpillar Phenology**

As a major source of food for nestlings of migratory birds, we are especially interested in the timing of caterpillar availability. At **NC State University**, caterpillar occurrence peaked at **2.13%** of surveys on **21 September**. Do you see other peaks as well?



### **Other Arthropod Phenology**

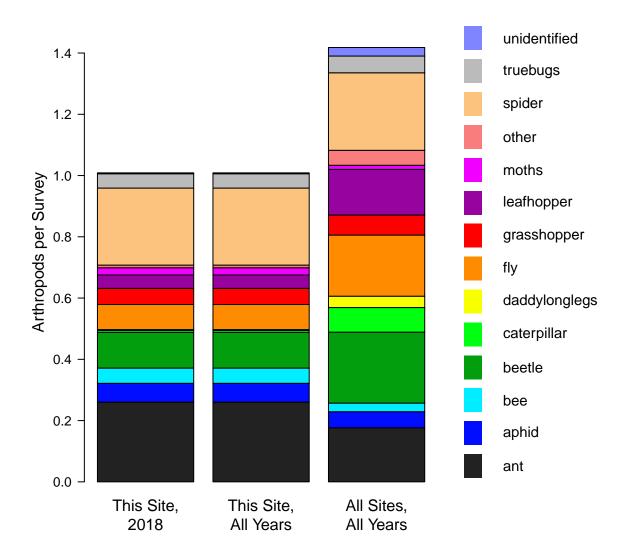
While caterpillars tend to have pronounced seasonal peaks, other groups are more variable. What patterns do you see below? You can explore the phenology of other groups on the Caterpillars Count! website.



#### **Site Arthropod Composition**

Some arthropods are more commonly encountered than others. See how what was found *this* year (*left bar*) compares to the breakdown for all years at your site (*middle bar*; it will be identical if you've only collected data for 1 year), and compared to what has been found across all sites in the **Caterpillars Count!** network (*right bar*).

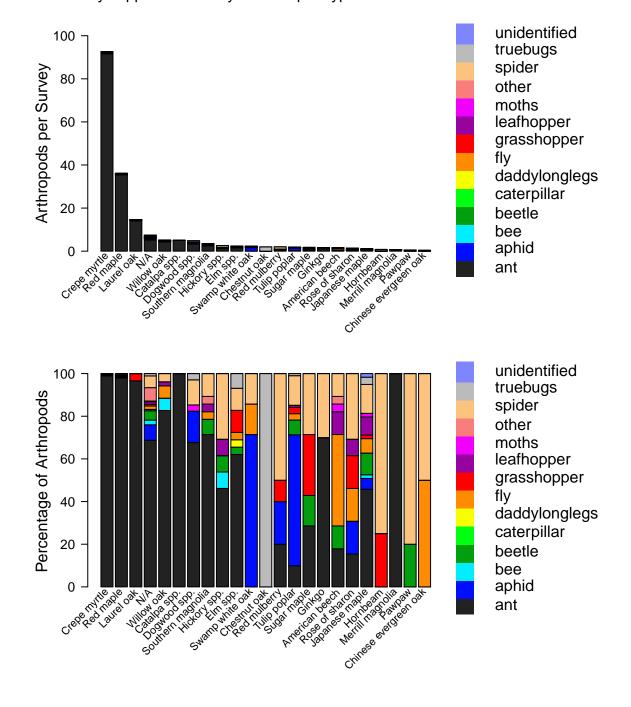
- What are the most common arthropod groups found at your site?
- Has that varied by year?
- Is anything noticeably different about **NC State University** compared to all other participating sites?



### **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? 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?



Thank you for participating in Caterpillars Count! Can't wait to see what you find next year!

**EXPLORE YOUR DATA FURTHER ON THE CATERPILLARS COUNT! WEBSITE!**