


Phenology Data Collection

THE OHIO STATE UNIVERSITY
COLLEGE OF HOOD, AGRICULTURAL,
AND ENVIRONMENTAL SCIENCES

**PHENOLOGY GARDEN
NETWORK**
Plants, Pollinators and Citizen Science

HOME • COOPERATORS • DATA ENTRY • PLANTS • LINKS • QUESTIONS • NEWS




Home
There's no place like it!

Quick Way to Get Here: <http://go.osu.edu/pn>

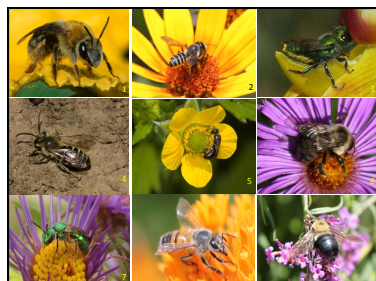
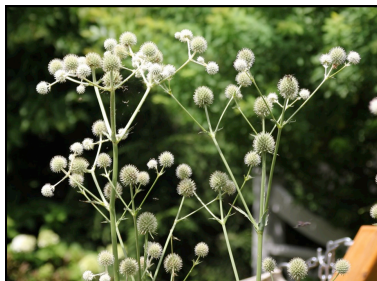
THE OHIO STATE UNIVERSITY
COLLEGE OF HOOD, AGRICULTURAL,
AND ENVIRONMENTAL SCIENCES

**PHENOLOGY GARDEN
NETWORK**
Plants, Pollinators and Citizen Science

HOME • COOPERATORS • DATA ENTRY • PLANTS • LINKS • QUESTIONS • NEWS



Home
There's no place like it!



Phenology Monitoring Data Sheet Date: ____/____/2015 Start time: ____ (between 10 and 1)

Plant: _____ Site: _____ Sites: _____ (every 50 feet by right) Distance: _____ Temperature: _____ °F (60° and)

Check a week, always each plant in 2 minutes. The day should be sunny and birds need not be near 80°F. Use both scales (°C) to record each pollinator that lands on the flower. List in the data collection website <http://go.osu.edu/pn> and enter the total number of pollinators in each category for each plant. For "Other" (see below), make a note below the entry for each of the bee in the comments section of the website.

Plant Gender	Bee #1	Species	Bee #2	Species	Bee #3	Species	Bee #4	Species	Bee #5	Species	Bee #6	Species

Questions? Contact Devora Eisenbach at devora.11@osu.edu (714) 264-3773 or tweet @devora11
Questions on PGN website: <http://go.osu.edu/pn>

Other (see comments below):
Plant: _____ Bee: _____

Once a week, observe each plant in bloom for 3 minutes. This includes all plants in the Phenology Garden collection, not just the new native perennials.

The day should be sunny with little wind, and at least 50°F.

Only collect data on pollinators that land on flowers. The bee or other visitor must stop on the flower to be counted.

As much as possible, do not count visitors that leave a flower and quickly return as separate visits. Use your best judgment on this.

Be careful not to disturb insects visiting flowers before you get a chance to observe them. A chair and binoculars might be handy.

Avoid sudden movements and do not stand too close to the flower you are observing.

Insects respond to shadows passing overhead by moving away; walk so that your shadow trails you, rather than advances in front of you.

*No pollinators is just as important as pollinator visits: be sure to record "0" if no pollinators visited the plant.

THE OHIO STATE UNIVERSITY
COLLEGE OF FOOD, AGRICULTURAL,
AND ENVIRONMENTAL SCIENCES

PHENOLOGY GARDEN NETWORK
Plants, Pollinators and Citizen Science

HOME COOPERATORS DATA ENTRY PLANTS LINKS QUESTIONS NEWS

Data Collection

Phenology Garden Master Gardener Data Upload

Username: _____ Email: _____
Password: _____

[Click here to get your password.](#)

HOME COOPERATORS DATA ENTRY PLANTS LINKS

Data Collection

WELCOME DENISE ELLERWORTH

EDIT HOME

LOGOUT

CHANGE EMAIL OR PASSWORD

Phenology Garden Master Gardener Data

- Wayne: Secret Arboretum OARDC campus
- Enter First Bloom/End of Bloom Date - Last Updated 9/2/21
- Enter Pollinator data

2015 Data Collection

THE OHIO STATE UNIVERSITY
COLLEGE OF FOOD, AGRICULTURAL,
AND ENVIRONMENTAL SCIENCES

PHENOLOGY GARDEN NETWORK
Plants, Pollinators and Citizen Science

HOME COOPERATORS DATA ENTRY PLANTS LINKS QUESTIONS NEWS

Data Collection

Wayne: Secret Arboretum OARDC campus

2015 Data

Enter First Bloom/End of Bloom

Plant Name

Common Name

Site Name

Site Address

Site City

Site State

Site Zip

Site Elevation

Site Aspect

Site Exposure

Site Soil

Site Notes

Site Photo

Site Map

Site Coordinates

Site Owner

Site Contact

Site Date

Site Status

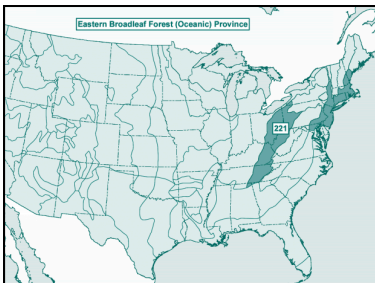
Site Comments

Common Name	
Scientific Name	
Family	
Genus	
Species	
Authority	
Native Range	
Native Status	
Native Source	
Native Date	
Native Notes	
Native Photo	
Native Map	
Native Coordinates	
Native Owner	
Native Contact	
Native Date	
Native Status	
Native Comments	

BLOOM PERIODS FOR THE EASTERN BROADLEAF FOREST OCEANIC PROVINCE

The following chart lists plants and their bloom periods in the Eastern Broadleaf Forest province. Check a variety of these plants and make sure according to timing of bloom. Note that of bloom. Note that the bloom period of the same plant in the same area is likely to vary.

Botanical Name	Common Name	March	April	May	June	July	Aug	Sept	Oct
Trees and Shrubs									
Aster sp.	aster	red	yellow	yellow					
Amelanchier sp.	serviceberry	white	white						
Saxifrage sp.	yellow saxifrage	yellow	yellow	yellow	yellow	yellow			
Saxifrage alba	white saxifrage	white	white	white	white	white			
Geranium sanguineum	cranesbill	pink to red	pink to red						
Arctostaphylos uva-ursi	bearberry	white	white	white	white	white			
Galium occidentale	common galium	yellow	yellow	yellow	yellow	yellow			
Mentzelia sp.	barberry	white to pink	white to pink	white to pink	white to pink				
Sambucus racemosa	elderberry	white	white	white	white	white			
Rosa sp.	rose	red to white	red to white	red to white	red to white	red to white			
Opuntia sp.	cactus	white	white	white	white	white			
Quercus sp.	oak	yellow	yellow	yellow	yellow	yellow			
Asplenium sp.	fern	green	green	green	green	green			



HOME COOPERATORS DATA ENTRY PLANTS LINKS

Data Collection

Phenology Garden Master Gardener Data

Wayne: Secret Arboretum OARDC campus

Enter First Bloom/End of Bloom Date - Last Updated 9/2/21

Enter Pollinator data

HOME COOPERATORS DATA ENTRY PLANTS LINKS

Data Collection

Wayne: Secret Arboretum OARDC campus Pollinator Data

Environmental Data

Date

Time

Temperature

Humidity

Wind

Clouds

Site Name

Site Address

Site City

Site State

Site Zip

Site Elevation

Site Aspect

Site Exposure

Site Soil

Site Notes

Site Photo

Site Map

Site Coordinates

Site Owner

Site Contact

Site Date

Site Status

Site Comments

HOME COOPERATORS • DATA ENTRY PLANTS LINKS • QUESTIONS NEWS

Data Collection

Wayne: Secret Arboretum OARDC campus Pollinator Data

Environmental Data
Date: 3/31/2015 Time: 2:17:00 PM Skn Clear Temperature: 55°F

Plant Species	Bumble Bee	Capener Bee	Honey Bee	Other Bee	Other Bee	Hummingbird	Butterfly	Wasp	Fly	Beetle
Agavechrysa	0	0	0	0	0	0	0	0	0	0

Update Comments

HOME COOPERATORS • DATA ENTRY PLANTS LINKS • QUESTIONS NEWS

Data Collection

Wayne: Secret Arboretum OARDC campus Pollinator Data

Environmental Data
Date: 3/31/2015 Time: 2:17:00 PM Skn Clear Temperature: 55°F

Plant Species	Bumble Bee	Capener Bee	Honey Bee	Other Bee	Other Bee	Hummingbird	Butterfly	Wasp	Fly	Beetle
Agavechrysa	0	0	0	0	0	0	0	0	0	0

Update Comments

HOME COOPERATORS • DATA ENTRY PLANTS LINKS • QUESTIONS NEWS

Data Collection

Wayne: Secret Arboretum OARDC campus Pollinator Data

Environmental Data
Date: 3/31/2015 Time: 2:17:00 PM Skn Clear Temperature: 55°F

Plant Species	Bumble Bee	Capener Bee	Honey Bee	Other Bee	Other Bee	Hummingbird	Butterfly	Wasp	Fly	Beetle
Agavechrysa	0	0	0	0	0	0	0	0	0	0

Update Comments

HOME COOPERATORS • DATA ENTRY PLANTS LINKS • QUESTIONS NEWS

Data Collection

Wayne: Secret Arboretum OARDC campus Pollinator Data

Environmental Data
Date: 3/31/2015 Time: 2:17:00 PM Skn Clear Temperature: 55°F

Plant Species	Bumble Bee	Capener Bee	Honey Bee	Other Bee	Other Bee	Hummingbird	Butterfly	Wasp	Fly	Beetle
Agavechrysa	0	0	0	0	0	0	0	0	0	0
Comastichus	0	1	0	0	0	0	0	0	0	0
Archipia	0	1	0	0	0	0	1	0	0	0
Uthiria	0	0	0	0	0	0	0	0	0	0

Update Comments

HOME COOPERATORS • DATA ENTRY PLANTS LINKS • QUESTIONS NEWS

Data Collection

Wayne: Secret Arboretum OARDC campus Pollinator Data

Environmental Data
Date: 3/31/2015 Time: 2:17:00 PM Skn Clear Temperature: 55°F

Plant Species	Bumble Bee	Capener Bee	Honey Bee	Other Bee	Other Bee	Hummingbird	Butterfly	Wasp	Fly	Beetle
Agavechrysa	0	0	0	0	0	0	0	0	0	0
Comastichus	1	0	1	0	0	0	0	0	0	0
Archipia	0	1	0	0	0	0	1	0	0	0
Uthiria	0	1	0	0	0	0	0	0	0	0
Stictia	0	1	0	1	0	0	0	0	0	0

Update Comments

HOME COOPERATORS • DATA ENTRY PLANTS LINKS • QUESTIONS NEWS

Data Collection

Wayne: Secret Arboretum OARDC campus Pollinator Data

Environmental Data
Date: 3/31/2015 Time: 2:17:00 PM Skn Clear Temperature: 55°F

Plant Species	Bumble Bee	Capener Bee	Honey Bee	Other Bee	Other Bee	Hummingbird	Butterfly	Wasp	Fly	Beetle
Agavechrysa	0	0	0	0	0	0	0	0	0	0
Comastichus	1	0	1	0	0	0	0	0	0	0
Archipia	0	1	0	0	0	0	1	0	0	0
Stictia	0	1	0	1	0	0	0	0	0	0

Update Comments

THE OHIO STATE UNIVERSITY
COLLEGE OF FOOD, AGRICULTURAL, AND ENVIRONMENTAL SCIENCES

PHENOLOGY GARDEN NETWORK
Plants, Pollinators and Citizen Science

HOME COOPERATORS • DATA ENTRY PLANTS LINKS • QUESTIONS NEWS

Home
There's no place like it

143

THE OHIO STATE UNIVERSITY
COLLEGE OF FOOD, AGRICULTURAL, AND ENVIRONMENTAL SCIENCES

PHENOLOGY GARDEN NETWORK
Plants, Pollinators and Citizen Science

HOME COOPERATORS • DATA ENTRY PLANTS LINKS • QUESTIONS NEWS

2015 Update
Pollinator Monitoring Instructions
Data upload and plant list
Resources
2015 Update Handout
2014 update
Data Sheet and Plant List
OSU Bee & Fly Guide

Phenology is a Year in Commercial Fruit and Vegetable Plant Management, Celia Wally, OSU Extension
Native Pollinators in the Phenology Garden, Sharon Traister, OSU Chagrin Arboretum (retired)
Phenology Network Personnel: 202020.202020@osu.edu
Phenology Network Personal Address: 202020.202020@osu.edu

For cooperation who aren't able to make this posting, this will be recorded and posted on our website.

THE OHIO STATE UNIVERSITY
COLLEGE OF FOOD, AGRICULTURAL, AND ENVIRONMENTAL SCIENCES

PHENOLOGY GARDEN NETWORK
Plants, Pollinators and Citizen Science

HOME COOPERATORS • DATA ENTRY PLANTS LINKS • QUESTIONS NEWS

Plants
Pollinator Phenology Research and Documentation
A Revision of the OSU Phenology Garden Network
Coordinated by Denise Blewett, Ohio State Extension/Extension/Urban&202020

Pollinator Phenology Garden Plant List

Latin name	Common Name
Woolly Plant	Also Leopold's Phacelia, Phacelia
Comastichus	Journey North
Archipia	Ohio State Phenology Calendar
Stictia	Project Butterflies
Uthiria	UMaine, Signs of the Season
USA National Phenology Network	Wisconsin Wildlife Phenology Calendar
Abies balsamea	Bushes against
Abies balsamea	Base of Branch
Abies balsamea	"Bulging Bark"
Abies balsamea	Oakleaf Hydrangea

THE OHIO STATE UNIVERSITY
COLLEGE OF FOOD, AGRICULTURE,
AND ENVIRONMENTAL SCIENCES

PHENOLOGY GARDEN NETWORK
Plants, Pollinators and Citizen Science

HOME COOPERATORS DATA ENTRY PLANTS LINKS **QUESTIONS** NEWS

Questions?

Contact Us
Do you have a question, an image or a comment? Please send a message by filling out the form below and Ocnos will get back with you shortly.

Name *

Doc Last

Email *

Subject *


Message *

File Upload
Upload File No file chosen

THE OHIO STATE UNIVERSITY

PHENOLOGY NEWS
Stories, news and happenings in the world of phenology and pollinators

PHENOLOGY HOME



31 Not April Fool's Day, it's April Phenology Day!

Our Phenology Garden network coordinators will converge on OSU's Baker Conference Center (6550 Macdonald Ave.)

RECENT POSTS

New April Phenology App