

July 10, 2018

Good evening!

Wasn't the weather over the last weekend glorious! Some of us had family or holiday events going on and really enjoyed the low humidity and cooler air – and that's one reason this report is a couple of days late. We'll try to get back on track! The pollinators have been enjoying the sunshine and are 'busy as bees'...

Each zip code increased between 155 and 164 GDD units this week – we now have a 109-GDD difference in range here in Coshocton County due to varying temperatures in our micro-climates. We have surpassed last year's GDDs on this date by as much as 78 and have made up for our cool spring! Here is the current data by town/zip code and the number of growing degree day units (GDD units) in our county:

Adams Mills/43821	1642 (+164 GDD this week)	1564 GDDs for 7/3/2017 (last year)
Conesville/43811	1589 (+160)	1515
Coshocton/43812	1551 (+157)	1479
Fresno/43824	1533 (+155)	1462
Walhonding/43843	1544 (+157)	1473
Warsaw/43844	1548 (+157)	1477
W. Lafayette/43845	1548 (+157)	1476

We have no new phenological events to see at the moment.

Events that should be occurring next (although it may take more than one week) are:

- Asian longhorned beetle (*Anoplophora glabripennis*), 50% adult emergence at 1887
- Mimosa Webworm (*Homadaula anisocentra*), egg hatch - 2nd generation at 1920
- Euonymus Scale (*Unaspis euonymii*), egg hatch - 2nd generation at 1923
- Magnolia Scale (*Hemiptera sternorrhyncha*), egg hatch at 1938

You can find the OSU Phenology Calendar at <http://www.oardc.ohio-state.edu/gdd/CalendarView.asp>. Plug in your zip code (or the one closest to you if your code is not in the network) along with the date and you can see what potential events are occurring in your area or check on past dates. There are pictures of the plants and insects listed and a list of the events in the order they generally appear. Keep in mind that these are general values for each particular zip code and may vary a bit within that area.

Our local forecast for the coming week shows probable high temperatures in the 80's and 90's with low temps mostly in the 60's, so our GDD numbers should increase substantially. It does look as though there may be some rain after the weekend, so we may have to water our plantings until then.

Still in bloom in the phenology area are: oakleaf hydrangea, lamb's ear, American black elderberry "Bob Gordon", purple coneflowers, wild quinine, daylilies, bee balms, hosta, coreopsis, pinnate coneflower, and mountain mint. The swamp milkweed opened this week, but we're still watching for the Joe Pye weed to bloom.

We saw just a few Japanese beetles this week; we really haven't seen very many this season. We also are not seeing large milkweed bugs this year – they were very prolific last year – and wonder if the cold winter set their numbers back some. We are seeing a few milkweed leaf beetles and milkweed long horned beetles.

Don't forget our two pollinator walks this month: Saturday, July 21 at 9:30 am and Thursday, July 26 at 6:30 pm. We will meet at the Lake Park office and move along the walkway to the information station in the pollinator and phenology area to check out pollinators and the plants that attract them. We will have some

factsheets etc. to hand out during the walks, but you are welcome to take fact sheets from the brochure boxes on the information station any time. Watch for more seasonal fact sheets and information to be posted soon.



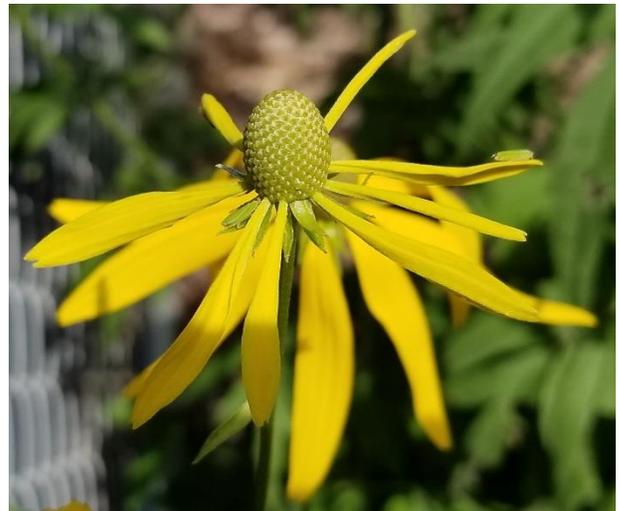
There were two eastern tiger swallowtail butterflies (*Papilio glaucus*) visiting our purple coneflowers (*Echinacea purpurea*) in the pollinator and phenology areas.



This long horned bee (*Melissodes spp.*) was enjoying its time in the sun and on this purple coneflower (*Echinacea purpurea*).



Milkweed longhorned beetle (*Tetraopes spp.*) on a common milkweed leaf (*Asclepias syriaca*).



The pinnate prairie coneflower (*Ratibida pinnata*) is open now in the pollinator bed at the phenology area at Lake Park.

