



**Native Expeditions in partnership with the
Ozark St. Francis National Forest**
National Wild and Scenic Rivers of Northwest Arkansas

Nativars Research Project

<https://budburst.org/projects/nativars>

Username: NativeExpeditions

Password: Native2020!

We know that native bees, butterflies, and other pollinators have a preference for native wildflowers and trees.

One of the questions many of us in the garden business get is about cultivated varieties of native plants, sometimes called “nativars.” Nativars can be different from their native parents in flower color and scent, the shape or number of flowers and petals, phenology, foliage color, and more. Since color, scent, timing, and size of flowers are very important to pollinators, it is easy to imagine that nativars might be more, or less, attractive to pollinators than the wild (native) species. They may even attract a different group of pollinators all together. Gardeners and scientists alike are wondering:

Do nativars provide the same resources for pollinators as their wild cousins? Scientists need your help to answer this important question!

Where to expect to collect :

- at your school
- at your home
- in your neighborhood
- within the Ozark St. Francis National Forest (along the National and Wild and Scenic River corridors and headwaters of the (Buffalo National River, Wild and Scenic Mulberry River and Big Piney Creek, Kings River - Extraordinary Resource Waterbody)

In the Field Observations:

1. Use your smart phone or camera to take pictures of the entire Wildflower Plant.
 - You may upload a maximum of 5 photos, max file size is 13MB in jpg, jpeg, and png
 - You may want to change your phone setting from HEIC burst mode to JPEG.
2. Plant - Which did you observe (you will have a list to choose from), and will need to note
 - “Flowering Stage” Early = few flowers emerged, Middle = many, Late = flowers wilted/fallen
3. Number of open flowers/flower heads
4. Plant height
5. Where did you make your observation (You can use street addresses, or latitude/longitude)
 - Latitude and Longitude can be calculated by multiple Smart Phone Apps.
6. Observation - Date and Time
7. Pollinator Identification Level = How many butterflies/moths, birds, bees & other you see
8. Weather/Cloud Cover (Cloudy, Partly Cloudy, Mostly Sunny, Clear Sunny)
9. NOTES: PLEASE PUT YOUR FIRST NAME LAST INITIAL/TEACHER/SCHOOL,
 - ID pollinators more specifically than the categories provided, or to provide pollinator descriptions if you identified any pollinators as “Not sure”.