

Become a Volunteer Tree Tracker at Holliday Park!



American sycamore

What is phenology?

Every species moves through a series of life cycle stages. The study of these life cycle stages is called phenology. The observable stages are called phenophases. The flowering of plants, ripening of fruit, the emergence of insects, and migration of birds are all phenophases.

Indiana Phenology was founded in September 2018 and engages volunteer observers throughout the state of Indiana in gathering data on the leafing, flowering and fruiting of native and common plants. This data is collected using the *Nature's Notebook* app and stored in the national USA-NPN database.

The first Phenology Walk at Holliday Park was established in 2018 and consists of 16 trees of six different species which were selected to be easily identifiable, conveniently located near the parking lot and Nature Center, and diverse.

What is required of a Tree Tracker?

Initially, a volunteer application is completed and a brief orientation by the volunteer coordinator is scheduled. Volunteers will be trained by a member of Indiana Phenology to make observations of the trees along the walk one to four times a month using *Nature's Notebook* app. Periodic training workshops will be scheduled and promoted at the park and individual training would be on a case-by-case basis.

All observations are automatically uploaded to the UAS-NPN database. 2019 was the first full year of data collection at Holliday Park and the resulting report will mainly serve as a baseline for future years.

What are the benefits of volunteering?

Volunteers have the opportunity to learn something new at the park and meet other people with similar interests. A volunteer plant phenologist participates in citizen science and contributes to ongoing research about climate change and phenology, but the data collected can also inform the park's education and management decisions. Volunteers may attend future workshops about phenology basics with educational and interactive components.



- A** Tulip Tree
- B** Eastern Redbud
- C** Sugar Maple
- D** Serviceberry
- E** Burr Oak
- F** Sycamore

HOLLIDAY PARK
& nature center

Please join our volunteer corps!

Call Holliday Park at 327-7180

Holliday Park Nature Center,

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