

Oak Openings Preserve Highlights



**METROPARKS
TOLEDO**

Messages for Interpretation

Protection is paramount as Metroparks Toledo preserves 'one of America's last great places.' (The Nature Conservancy).

- As the largest preserve in the Oak Openings Region, the geology and specialized habitats here are globally significant.
- Oak Openings Preserve history reflects changing needs and values of conservation and people over time.
- Restoration, education and partnerships combine to help preserve this Metropark and the Oak Openings Region.
- Cutting-edge trails and facilities offer gold-star recreation.

What's In A Name?

Oak Openings was a phrase settlers gave to this region because they observed large, widely-spaced oaks among openings of prairie wildflowers and grasses.

Natural and Human History

The natural history of Oak Openings Preserve is closely linked to sandy, post-glacial beach ridges left behind around 15 thousand years ago when ancestral Lake Erie was shrinking to its present size. These ridges, combined with a unique hydrology that often causes perched groundwater and standing surface water, result in high, dry-loving plants growing in exceptionally close proximity to those that prefer wetlands. This situation causes the biodiversity of the region to skyrocket when compared to other places in the state, country and even world. The region is home to well over 100 state-listed, rare plants!

Additionally, Swan Creek and its tributaries (such as Gale Run and Ai Creek) support significant migratory bird and wildlife habitat, and the preserve is known as a birding hotspot with exceptional numbers of nesting species. Finally, this Metropark contains numerous vernal pools – semi-permanent bodies of water that are critical breeding habitat for amphibians and macro-invertebrates. Notable species include wood frogs, fairy shrimp, and mole salamander larvae – all three of which are obligate to vernal pools, meaning that they can't survive elsewhere.

During the mid-20th century, parts of the Swan Creek watershed within the preserve were dammed to construct aesthetic, recreational lakes such as Springbrook, Mallard, Wintergreen and Evergreen. Acquired in 1931 and known then as Springbrook Park, the Springbrook Lake Area is actually the oldest part of Oak Openings Preserve. While these lakes are still favorite sites to park visitors, they support fewer plant and animal species than their natural counterparts.

Today, the combined efforts of Metroparks staff, partners and volunteers help protect this preserve. Plant and



Spatulate-leaved sundew



Wild lupine



Golden ragwort



Prickly pear

wildlife monitoring helps Metroparks make informed natural resource decisions. Prescribed burns, mowing and invasive species removal support rare communities. Non-native pine stands, planted over half a century ago, are being restored to prairie and savanna communities. Wildlife nest boxes seen throughout the preserve encourage cavity nesting birds. Finally, programming and education promote a strong ethic of conservation.

To protect this preserve and the Oak Openings Region at large, Metroparks partners with state and federal agencies, organizations and universities that collectively make up The Green Ribbon Initiative. Other Metroparks within the Oak Openings Region include Wildwood, Secor, Toledo Botanical Garden, Wiregrass Lake, Westwinds, and Cannonball Prairie. Regional trails such as Moseley and Wabash Cannonball help connect lands through the Oak Openings Region corridor.

Oak Openings Preserve offers its visitors top quality recreation unique to the area. The Beach Ridge Singletrack Trail is a 12-mile, mountain bike trail with three trail heads – located at Springbrook Lake, Buttonbush and Beach Ridge Areas. The Beach Ridge Area is also home to Mercy Fit Ride, a mountain bike skills development course, the multi-use Wheelhouse and the Cannaleay Treehouse Village where guests can sleep in the trees via up-scale camping, tent platforms and hammock sites.

Plant Life

(* = state-listed rare species)

Notable plants include:

*Birdsfoot violet	*Scaly blazing star
Bracken fern	Several species of
Butterfly milkweed	Goldenrod
Cinnamon fern	Several species of Aster
*Gaywings	*Several species of
Golden ragwort	Gentian
Poison sumac	*Spatulate-leaved sundew
*Prickly pear cactus	*Sweet fern
Rough blazing star	*Wild lupine
Royal fern	

Native grasses and sedges include:

Big bluestem	Pennsylvania sedge
Little bluestem	*Porcupine grass
Indian grass	Switch grass
*June grass	*Three awn grass sp.

Wildlife

(* = state-listed rare species)

Visit the Window on Wildlife at Mallard Lake Area to observe some of these birds and mammals.

Some mammals known include:

*8 species of bats	Raccoon
*American badger	Red fox
American beaver	Red squirrel
Coyote	Southern flying squirrel
Eastern chipmunk	Virginia opossum
Eastern fox squirrel	White-footed mouse
*Gray fox	White-tailed deer

Notable amphibians include:

American toad	Northern spring peeper
*Blue-spotted salamander	Redback salamander
Gray treefrog	Western chorus frog
Green frog	Wood frog
Mole salamander sp.	

Reptiles known to occur include:

*Blanding's turtle	Northern ring-necked
Blue racer snake	snake
Common water snake	Snapping turtle
*Eastern hognose snake	*Woodland box turtle
Midland painted turtle	

(Note: There are no venomous snakes known here.)

Some of the many birds include:

American goldfinch	*Lark sparrow
Bald eagle	Barred owl
Black-capped chickadee	Numerous nesting
Blue jay	warblers
Chipping sparrow	Pileated woodpecker
Cooper's hawk	*Red-headed woodpecker
Downy woodpecker	Red-tailed hawk
Eastern bluebird	Scarlet and Summer
Eastern screech owl	tanagers

*Eastern whip-poor-will

Field sparrow

Great-horned owl

Hairy woodpecker

Indigo bunting

Song sparrow

Tufted titmouse

Turkey vulture

Wild turkey

White-breasted nuthatch

Stay on trails and use protective clothing and insecticide to avoid poison ivy, American dog ticks and mosquitoes.

(Note: There is no poison oak in Northwest Ohio.)



American beaver



Mole salamander sp.



Blanding's turtle



Blue racer



Eastern whip-poor-will



Red-headed woodpecker



Lark sparrow



Wood frog