

### 5. Osage Orange-

Medium sized tree or large shrub, 26-49 ft. tall.

Leaves are alternate, simple, 3-5 in. long, 2-5 in. wide, ovate, rounded,

wedge-shaped at base. The fruit, a multiple fruit, is roughly spherical, but bumpy, and 3-8 in. in diameter, and it is filled with a sticky white latex sap.



### 6. Chinquapin Oak-Large

sized tree, 90-140 ft. tall.

Leaves are alternate, resemble chestnut oak, coarsely toothed, 2-7 in. long, 2-4 in. wide. The acorns are 1.5-2 in. long, and mature in about 6 months after pollination.



### 7. Red Oak-Large sized tree, 115-

140 ft. tall. Leaves are alternate, 7-9 lobed, oblong ovate, 5-10 in. long, 4-6 in. wide, long bristle pointed teeth. The acorns mature 18 months after pollination solitary or in pairs and are around an inch in size.



### 8. Post Oak-Median sized

tree, 30-60 ft. tall. Leaves are alternate, w/ 3 perpendicular terminal lobes shaped like a Maltese Cross, 5-8 in. long, 4-6 in. wide. The acorns are around an inch in size and mature in its first summer.



### 9. White Mulberry-Medium

sized tree, 30-60 ft. tall.

Leaves are alternate, range from 3-12 in. long, w/ or w/o lobes, and cordate at the base and rounded to acuminate at the tip, and serrated on the margins.



### 10. Horse Chestnut-Small

sized tree, 6-30 ft. tall. Leaves are opposite, palmately divided, 4-8 in. long, 2-4 in. wide. Tree can be ornamental w/ its beautiful display of flowers.

The tree contains fruit that matures to a capsule 1-2 in. in diameter w/ 1-3 seeds per capsule.



### 11. American Elm-Large sized

tree, 70-100 ft. tall. Leaves are alternate, 2-9 in. long w/ double serrated margins and an oblique base. The American Elm is highly susceptible to Dutch Elm Disease and Elm Yellows.



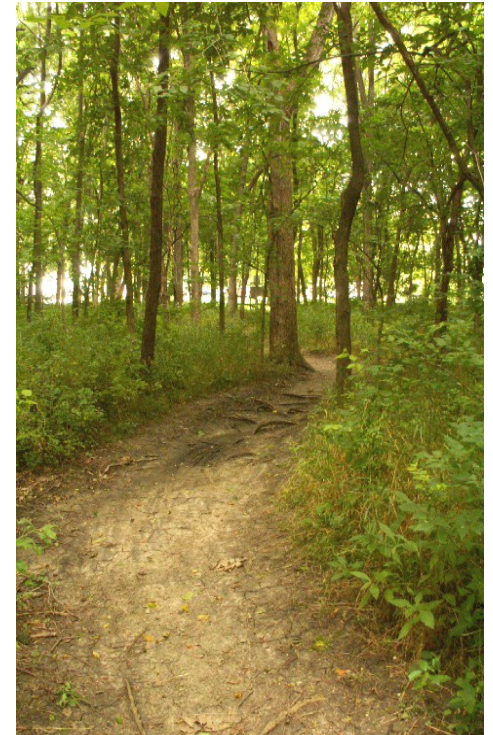
### 12. Green Ash-Medium sized

tree, 40-80 ft. tall. Leaves are pinnately compound w/ 7-9 leaflets, 2-7 in. long, 1-4 in. wide with serrated margins and short distinct downy petioles. Green

Ashes produce a fruit called a samara 1-3 in. long comprising a single seed around an inch in size w/ an elongated apical wing.



# River Bottom Trail



## Tree Identification Map

Melvorn Lake U.S. Army Corps of Engineers  
31051 Melvorn Lake Parkway  
Melvorn, KS 66510-9179

Phone: 785-549-3318

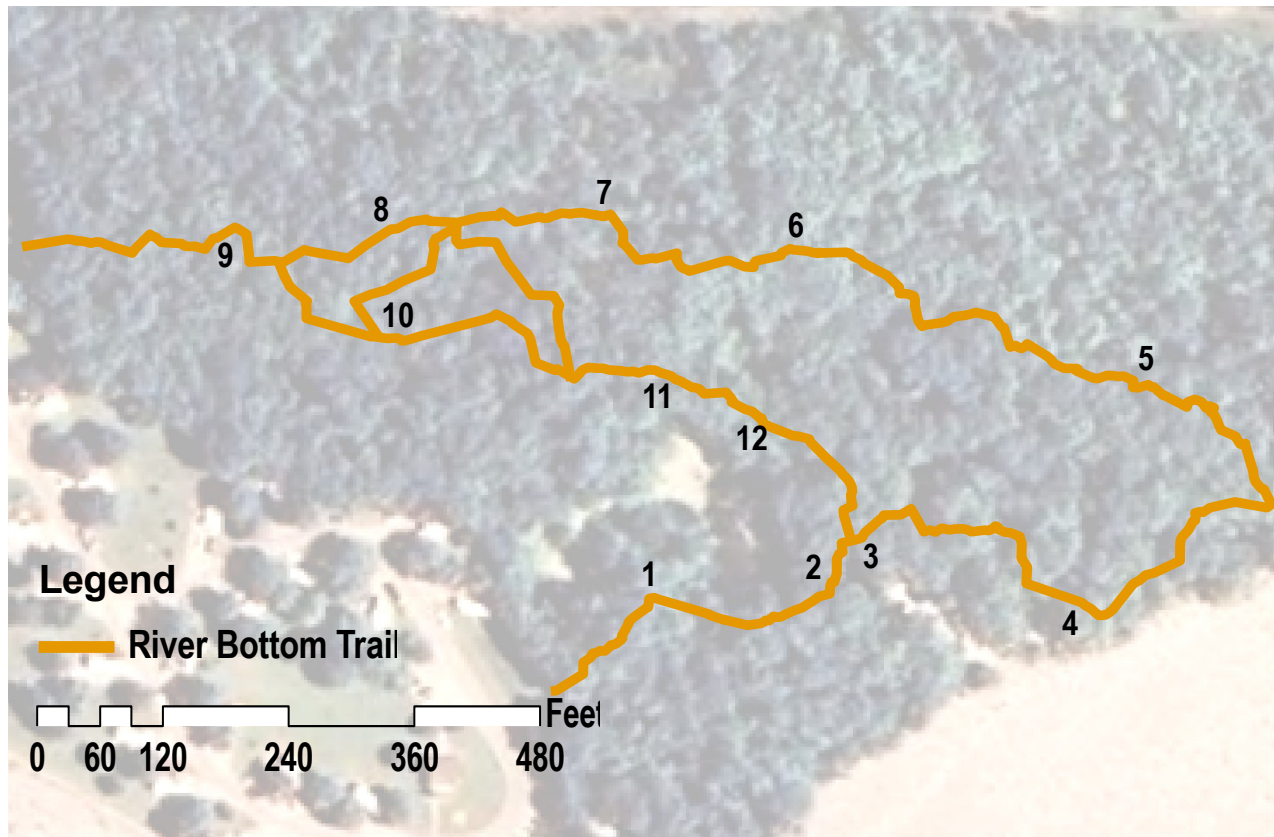
Email: [Melvorn@usace.army.mil](mailto:Melvorn@usace.army.mil)



# River Bottom Trail Map

The River Bottom Trail, located at the end of C loop in Melvern Lake's Outlet Park, offers a scenic wilderness trail to the public. The trail has two bridges that cross the Outlet River Pond and a creek that feeds into the pond. Hikers can view the native wildlife and vegetation found in the riparian forests of Kansas. The map below provides numbered locations of native trees located along the River Bottom Trail. The corresponding numbers on the side and back of the brochure identify, describe, and illustrate the specific trees located on the trail. The Melvern Lake Corps of Engineers hopes you enjoy the information in this brochure and the River Bottom Trail with all its beautiful scenery. PLEASE DO NOT: alter the trail, litter, or remove wildlife.

» PLEASE LEAVE ONLY FOOT PRINTS BEHIND «



1. Hackberry-Medium sized tree, 33-82 ft. tall. Leaves are alternate, simple, 1-6 in. long, ovate-acuminate, and evenly serrated margins. Possess the most bending tolerance of any species of wood.



2. Black Walnut-Medium sized tree, 30-40 ft. tall. Leaves are alternate, odd pinnate w/ 15-23 leaves, 2-5 in. long and 1-2 in. wide. Wood is used to make furniture, flooring, and rifle stocks.



3. Red Bud-Large shrub or small sized tree, up to 20-30 ft. tall. Leaves are alternate, simple, heart-shaped w/ an entire margin, thin and papery, 3-5 in. long and wide. Red buds are also known as the Judas tree.



4. Sycamore-Large sized tree, 98-131 ft. tall. Leaves are alternate, palmate, broadly-ovate, 4-9 in. long, 3-5 lobed by broad shallow sinuses rounded in the bottom. Sycamores are easily recognized by its mottled exfoliating bark.

