

HANEY POND NATURAL AREA



MARK TWAIN NATIONAL FOREST ELEVEN POINT RANGER DISTRICT

WHAT IS A NATURAL AREA?

Much of Missouri's original landscape no longer exists, but thanks to the Missouri Natural Areas System, some examples of it are being preserved and protected. Natural areas are important benchmarks to evaluate environmental change and serve as reservoirs of the state biological diversity. Additionally, natural areas provide opportunities for scientific study as well as educational, cultural, and recreational uses. Through protection from development and by managing to preserve the natural characteristics of the areas, the best examples of natural communities are preserved. Natural areas often provide essential habitat for rare and endangered plants and animals.

The Missouri Natural Areas Committee is an interagency committee, consisting of representatives of the Missouri Department of Conservation, Missouri Department of Natural Resources, National Park Service, U.S. Fish and Wildlife Service, The Nature Conservancy and the USDA Forest Service, who coordinate the classification, inventory, designation, and stewardship of natural areas in Missouri. Natural areas are owned by a variety of public agencies as well as private concerns.



The Mark Twain National Forest has a wide selection of natural areas, consisting of fens, sinkhole ponds, glades, forests, and aquatic communities.

HANEY POND NATURAL AREA

Haney Pond is one of only three examples in Missouri of a rare, forested acid seep natural community. Forested acid seeps are seasonally wet basins fed by acid groundwater. Carbonic acid forms in the groundwater when rain water passes through decaying vegetation. This very mild acid is the very same one that gives fizz to soda.

The forested acid seep community supports sedges, mosses, and other plants adapted to these circumstances. Located in a shallow sinkhole depression, Haney Pond has another unusual feature in that its canopy is dominated by sweetgum trees, a tree whose main range does not include this area. Within the boundaries of the natural area there is also a small pond shrub swamp community, a type of plant community that is endangered in Missouri.

FORESTED ACID SEEP

Within the forested acid seep area, the canopy is dominated by sweetgum and southern red oak, with black gum and scarlet oak present on the drier sites. In the understory, black gum, sweetgum, white oak, scarlet oak, and flowering dogwood are flanked by tussocks of mosses, sedges, ditch stone crop, royal fern, and slender mountain mint.

POND SHRUB SWAMP

The small, round, pond shrub swamp can be as deep as 1.5 feet, but is sometimes dry. Not many species grow here, but rose mallow and buttonbush occur in the center.

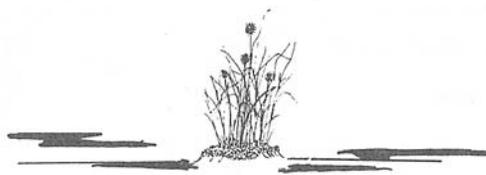
BELLEVUE TRAIL

The historic Bellevue Trail crosses the natural area. Once a major north-south travel corridor though this part of Missouri, it was used by explorers and settlers of the Irish Wilderness.

WILDLIFE AT HANEY POND

Upland sinkhole ponds and seeps occur on dry ridges, making them important oases for wildlife. Around sunrise or dusk you may see deer coming to drink. Watch and listen for wild turkey. Since most sinkhole ponds and seeps are fishless, they are important breeding habitat for amphibians; listen for frogs and toads calling and watch for salamanders.

Be sure to use the **WHAT TO LOOK FOR AT HANEY POND** checklist when visiting this natural area.



OWNERSHIP AND MANAGEMENT

Owned and managed by USDA Forest Service, Mark Twain National Forest – Eleven Point Ranger District.

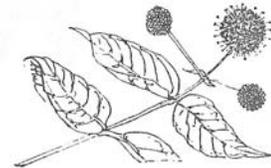
SPECIAL REGULATIONS:

Camping, collection of plants and animals, and vehicular traffic are prohibited. Enjoy all other recreational activities allowed on the National Forest.

ADDITIONAL NATURAL AREAS

You may wish to visit nearby natural areas on the same day. Listed below are Mark Twain National Forest, National Park Service, and Missouri Department of Conservation natural areas. For more information on a particular site, check ownership and contact the Forest Service Ranger District office, National Park Service – Ozark National Scenic Riverways, or the Department of Conservation Wildlife District Supervisor in the town listed.

Cowards Hollow	USFS	Doniphan, MO
Big Barren Creek	USFS	Doniphan, MO
Well Branch Fen	USFS	Doniphan, MO
Cupola Pond	USFS	Winona, MO
Marg Pond	USFS	Winona, MO
Overcup Oak Sink	USFS	Winona, MO
Mill Mountain	NPS	Van Buren, MO
Cardareva Bluff	NPS/MDC	Van Buren, MO



SIZE, LOCATION, AND ACCESS

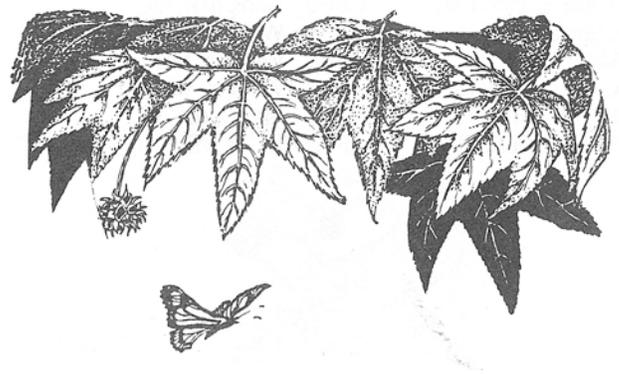
Sixty-eight acres (pond plus buffer zone) in Oregon County.

Located in portions of sections 31 and 36, T25N, R2W of the Handy 7.5 topographical quadrangle.

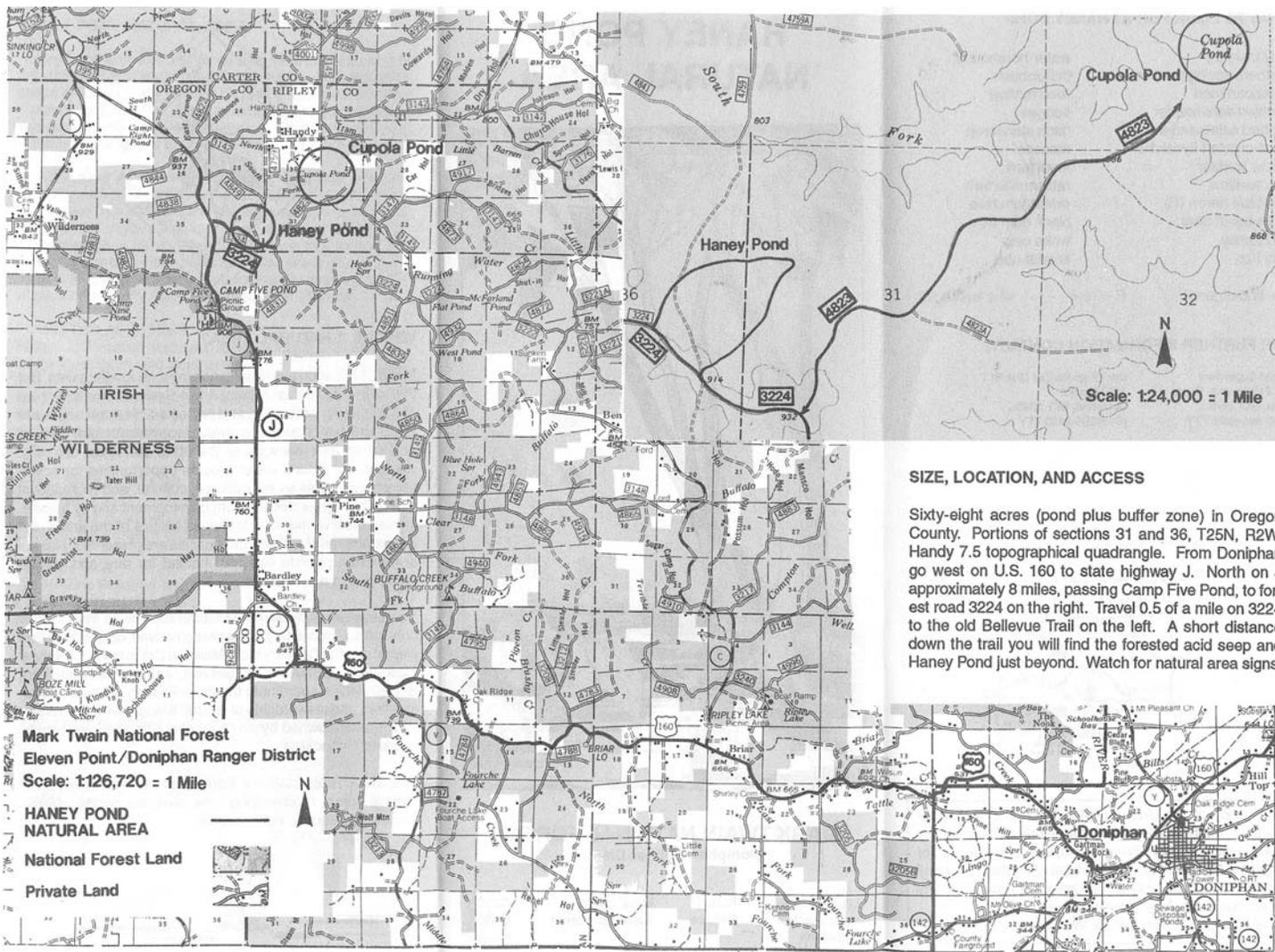
From Doniphan: Go west on U.S. 160 to State highway J. Travel north on J approximately 8 miles, passing Camp Five Pond to Forest Road 3224 on the right. Travel 0.5 of a mile of 3224 to the old Bellevue Trail on the left. A short distance down the trail you will find the forested acid seep and Haney Pond just beyond. Watch for Natural Area signs.

WHAT TO LOOK FOR AT HANEY POND

gray treefrog	water horehound
northern spring peeper	buttonbush
American toad	rose mallow
marbled salamander	sedges
spotted salamander	ditch stonecrop
great-crested flycatcher	mosses
yellow warbler	royal fern
tree swallow	rattlesnake fern
little blue heron (R)	sweetgum tree
white-tailed deer	black gum tree
wild turkey	white oak
gray fox	scarlet oak



E = endangered R = rare WL = watch list



FOR FURTHER INFORMATION CONTACT:

Forest Supervisor
 401 Fairgrounds Road
 Rolla, MO 65401
 (573) 364-4621

Eleven Point Ranger District
 #4 Confederate Ridge Road
 Doniphan, MO 63935
 (573) 996-2153