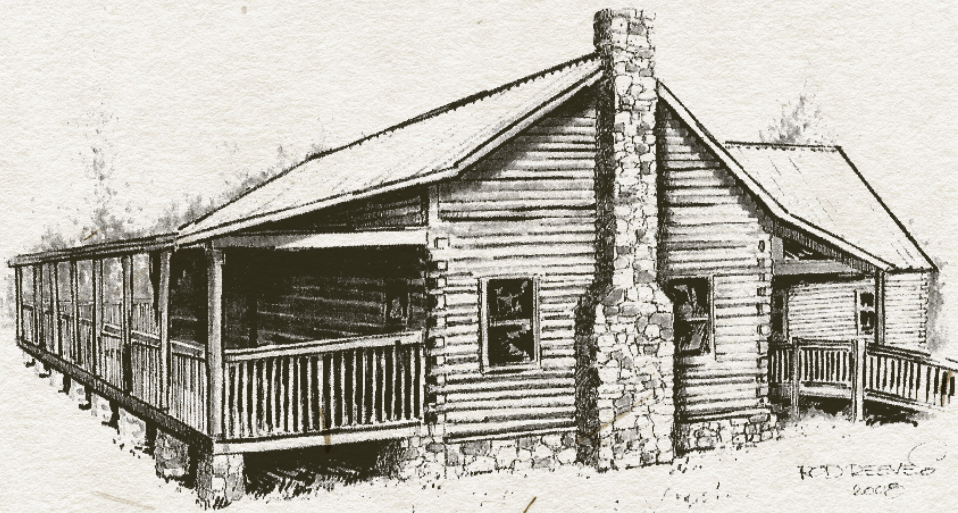




# OAKLAND NATURE P R E S E R V E



## Scavenger Hunt Answer Key

747 Machete Trail, Oakland, FL 34760



# WHITE TRAIL

This trail marker number signifies the beginning of White and Orange Trails. TM18

TM1: What structure do you pass here on the White Trail? The Education Center

# ORANGE TRAIL

TM18: How many habitat types are found in Florida? Over 60

TM19: What kind of feeders are the majority of snails, Carnivores, Herbivores, or omnivores? Most smaller species are herbivores but they are some larger species that can be omnivores or even carnivores!

What is one of the three fish that was often caught in Lake Apopka? Bass, Crappie and Catfish

TRAIL TASK: Follow the instructions at Station 5 to perform Sit Ups

\*\*10 exercise stations can be found between TM3 and TM7 (through TM7)\*\*

TM2a: There's a fork in the trail; What is it called when a fire is set that allows an area to burn in a controlled, safe manner? Prescribed Burn.

TM2b: Name an animal that has been spotted on the Preserve's Crittercams. Armadillo, coyote, opossum, snake, hawk, gopher tortoise, fox, squirrel, raccoon, skink

TM3: At this fork in the trail, to the right is a dense growth of hardwood trees typically grown on natural rise which is often a few inches higher than surrounding marshland, that is otherwise too wet to support the trees. What is this natural feature called? XERIC OAK HAMMOCK

TRAIL TASK: Exercise Station 4: Balance Walk

The Florida mouse normally does not dig their own holes but instead they burrow in which animal holes instead as den sites? Gopher Tortoise.

TRAIL TASK: Exercise Station 3: Legs Stretch

How many miles per hour can rabbits run in short bursts? 50 mph

How high can rabbits jump and how far can they jump? 4 feet high and 10 feet forward in a single bound

TRAIL TASK: Exercise Station 2: Hamstring Stretch



How fast can coyotes run? Up to 40mph.

How high can coyotes jump in the air? 8 feet

TRAIL TASK: Exercise Station 1: Calf Stretch

How far can a bobcat jump in a single bound? 10 feet.

What do bobcats prey on mostly? Rodents rabbits and birds.

TM4: there's a fork in the trail and the beginning of the purple trail

TM7: Notice the plants growing near this trail marker. What is a great pollinator plant? Indian Plaintain.

What plant is a great nectar source for hummingbirds and other pollinators growing here? Firebush

How many degrees can the great horned owl rotate its head? 270 degrees.

TRAIL TASK: Exercise Station 10: Tension Release

TRAIL TASK: Exercise Station 9: Hamstring Pull & Lift and Drop

What type of feeders are white-tailed deer? Carnivores, Herbivores, or omnivores? They are Herbivores, grazing on plant foods

TRAIL TASK: TM29: Exercise Station 8: Arm Circles

How many degrees does the shoulder of a ruby throated hummingbird rotate while in flight? 180 degrees.

TRAIL TASK: Exercise Station 7: Leg Raise

How many degrees do the hind legs of an eastern gray squirrel rotate when in motion? 180 degrees.

TRAIL TASK: Exercise Station 6: Bent Knee Hang

What kind of feeders are raccoons? Carnivores, Herbivores, or Omnivores? They are omnivores.

TRAIL TASK: TM19: Exercise Station 5:

What kind of feeders are the majority of snails, Carnivores, Herbivores, or omnivores? Most smaller species are herbivores but they are some larger species that can be omnivores or even carnivores!



What structure, made of cypress wood, is located at the end of the Orange Trail? Fish Camp Cabin (made of cypress wood)

## PURPLE TRAIL

TM1: begin purple Trail, which serves as connector trail to which trails? The White, Yellow and Orange Trails

TRAIL TASK: Take a selfie somewhere along this important connector trail.

TM5: The purple trail forks right and left (right fork connects to the Yellow Trail, left fork connects to the Orange Trail)

## YELLOW TRAIL

TM6: At this fork the purple trail turns left, The Orange Trail is straight ahead and the Yellow Trail turns right.

TM7: What structure is found at this trail marker on the Yellow Trail? Amon Pavilion.

In December 1998, which volunteer was the pavilion dedicated to for his tireless volunteer efforts? Ron Pennington.

What is the average lifespan of a Gopher Tortoise? 80 years or more.

TRAIL TASK: Check here if you spot any tortoise burrows.

TM8: On this portion of the trail which bike trail runs parallel just outside the perimeter of the Yellow Trail? West Orange Trail.

TM9: Who sponsored a bench along the Yellow Trail in 2094? Bray Ace Hardware

TM10: The Yellow Trail forks here (turn right). There is a bench found here, who sponsored it and when? Griffith Contracting Inc.

TRAIL TASK: Pick a bench, cop a squat and snap a selfie!

TM11: The Yellow Trail forks here

There is a bench found just before TM12 that is dedicated to what club? Maitland Men's Club.



TM12: The Yellow Trail forks here

There is a bench after TM12 who is it sponsored by and when? West Orange Lumber in 2004.

TM13: The red and Yellow Trails converge here. The Yellow Trail leads to the sinkhole found to the left (turn left to observe sink hole, turn right to continue on the Yellow Trail)

TM14: The Yellow Trail forks again

TM15: The Yellow Trail ends here and the red trail intersects.

Seepage Trail: What are seeps? Seeps are collections of water from the Woodlands of higher elevation surrounding a low point.

(Unmarked wooden post)

## RED TRAIL

TM30: fork in the trail, where the Red Trail meets the Blue Trail. Seepage Stream Footbridge be Caleb Angel's Eagle Scout Project Troop 3 (Clermont)

Bench Pavillion structure name? What artist created the artwork titled "Hardwood Hammock" here, that was an Eagle Scout Project, lead by Ethan Schragen for Boy Scouts of America (Troop 210) September 2020? Ray Grayford.

Red Trail turns right (at Yellow TM13)

TM24: This is an area of grassland. What is it called? Meadow

TM25: Cross trail through the meadow of the Red Trail. What forest was planted by the Boy Scout Eagle Project, led by German Escobar, Jr of Troop 210 in November 2015? Longleaf Pine Forest.

TM26: Cross trail through the meadow of the Red Trail.

At this corner of the Red Trail to whom is the bench dedicated to in 2015? Maria and Irellyn Girl Scout Troop 2263 silver award project.

TM27: Cross trail through the meadow of the Red Trail.

TM28: This is where the Crosstrails intersect in the middle of the meadow.



What man-made structure is located by the oak tree, between TM25 and TM28? Wooden Swing

## BLUE TRAIL

Turtle enclosures

What native tree grows in well-drained locations. Both male and female must be grown if seeds are required. Hercules' Club

This evergreen aromatic tree with bluish green fruits on the female trees. The juicy berries are consumed by many kinds of wildlife including the cedar waxwing named for this tree. What is this tree? Easter Red Cedar

Ants are social insects. What are several species of ants found on the preserve? The Harvest Ant, Cone Ants , Fungus-growing Ants

TRAIL TASK: Locate the Turtle Enclosure

The turtles shell (called the carapace) is actually an extension of what bone structure? The rib cage.

TRAIL TASK: Locate the Virginia Opossum Enclosure

What type of mammal is the Virginia possum? Marsupial (A memo with a pouch to carry it's young).

What are baby opossums called? Joeys.

How long is the average lifespan of an opossum? Only 1-2 years in the wild.

TM16: What trails connect at this trail marker? Fork in trail where White Trail connects to the Blue Trail.

TM17: What feature is located at this trail marker, where also the Yellow Trail meets the Blue Trail? Amphitheater.

TM9: Which trails ends here and which trail intersects here? End of the Blue Trail and the Yellow Trail intersects.



## GREEN TRAIL

TM20: Beginning of the Green Trail / Hammock Loop

What Type of tree often grows into unusual contorted forms? Myrtle Oak

TM21: There is a fork in the trail here and NaturePlay Area (rainbow pole) is to the right

Resurrection Fern fact:

TM22: Picnic Area & Amphitheater. How many picnic tables are located in this area?

After TM22: What is the wing span of a black vulture? 41"

What people inhabited a large section of northern and central Florida? Timucua

What large bird was found in Florida? Terror Bird, *Titanus walleri*

TM23: What is this area for bird-watching called?  
Bird Blind (bird houses / watching area)

What is the name of this loop? Hammock Loop

Who is the signed artist on the prehistoric painting? Crawford

## BOARDWALK

Who is the sponsor of the boardwalk?

Tough Bully/Buckthorn fact (last pic)

TM23: Green Trail begins

Polemator gardens

Markers go to 640

Who is the "healthy" sponsor of the ONP Boardwalk? Healthy West Orange

BP007: This is a tropical and subtropical vine grown in Asia?

BO007: What tropical and subtropical vine is grown in Asia, Africa and the Caribbean for its edible fruit, which is likely bitter? Balsam Pear



BP009: What evergreen aromatic tree has bluish green fruits on the female trees? Eastern Red Cedar

BP011: Firebush is most notably valuable to the gardens of these two flying creatures? Firebush

BP018: What plant occurs naturally in Florida wetlands, marshes, savannas and at the edges of ponds? Canna Bandana of the Everglades

BP024: Swamp Dogwood is the larval host to what species of butterfly? Spring Azure Butterfly

BP036: What is the scientific name of Poison Ivy? Toxicodendron radicans

BP036W: What native fern has hairless fronds up to 4 ft. long? Hottentot Fern

BP070: What is the average life span of the carnivorous Yellow Rat Snake in the wild? 10-15 yrs

BP082: What is the dominant wetland hardwood tree at the Preserve? Red Maple

BP092W: How tall does the native Creeping Bramble/Flakelet Fern grow? 3-8 feet tall

BP104: This fern has become naturalized in Florida, but the Giant Brake Fern was originally native to what continent? Asia

BP110W: What plant is found throughout Florida, commonly found growing in freshwater marshes and swamps? Lizard's Tail

BP117: The fruit of what palm is used as food by many birds, raccoons, foxes and other animals? Cabbage Palm

BP138: What plant did Native Americans use medicinally as a worming agent, dysentery, laxative and emetic? Red Mulberry

BP143W: What country did Citrus Trees originate from? China

BP154: What plant has large clusters of white flowers from heads of dark berries, which are edible? Elderberry

BP171W: What is the scientific name of Highbush Blackberry? Rubrus argutus

BP206W: What is a rugged evergreen shrub with bright, colorful clusters of pink, white, orange and purple flowers and grows up to 6 feet tall? Lantana



BP211: What plant can be found growing naturally in Arkansas, Florida, Maryland, Tennessee and Texas and can be rubbed on the skin and used as mosquito repellent? American Beautyberry

BP234W: Black Vultures build straw nests in tree cavities and hollow logs. False

BP305: River otters don't see very well out of water, but they have special vision that helps them see in dark and murky water. True

BP321W: What is the scientific name of the Sweetbay tree? *Magnolia virginiana*

BP365W: What fern's leaves turn yellow to brown in the Fall? Royal Fern

BP350: What is the scientific name of the Elderberry? *Sambucus Canadensis*

BP370: What animal crossing is found at this boardwalk post? Raccoon

BP407W: What shrub produces bright yellow flowers and has hairs on its leaves and stems? Peruvian Primrosewillow

BP415W: What is the scientific name of the Cinnamon Fern? *Osmunda cinnamomea*

BP445: What amphibian has a life span of 16 years in the wild? American Bullfrog

BP470: What tree is an important nectar source for native bees and other pollinators? Carolina Willow

BP474: What native shrub bears globe-shaped clusters of white beautiful fragrant flowers? Buttonbush

B5P03W: What native fern is mostly terrestrial, but sometimes grows on rocks or trees and grows up to 3-4 feet tall? Swamp Fern

BP506W: What evergreen did North American Indian tribes use to induce vomiting for physical and spiritual cleansing? Dahoon Holly

BP535W: This grasshopper is unable to fly and travels by walking or crawling and can spray toxins up to 15 cm when alarmed. Eastern Lubber Grasshopper

BP570: This plant that is a member of the grass family is a medicinal plant for humans. Common Cattail

BP585W: The nectar and pollen of this weed are very attractive to bees and butterflies. Pickerelweed



BP594W: This native ornamental plant is one of 6 species commonly found in Florida wetlands. Scarlet Hibiscus

BP608: This plant is the host for Brazilian Skipper Butterflies. Alligator Flag

BP621: This large tree was dominant throughout the wetlands in the late 1800s. Carolina Ash/Pop Ash

BP582W: What tiny floating plant with shoe shaped leaves, provides food for ducks, geese, small mammals and reptiles? Duckweed

BP635W: What is the scientific name for Cabbage Palm? Sabal palmetto

BP656W: What other 2 species of plants are named along with the Green Arrow Arum? Floating Pennywort and Duckweed