

EXPLORING PLACES

A Transect for Kids by Save the Redwoods League

What Is a Transect?

A **transect** is a real or imaginary line that people use to learn about a place by noting plants, animals and other things they find along it. Mike Fay, a **National Geographic Explorer-in-Residence**, walked along an 1,800-mile Redwood Transect following the Pacific coast from central California to southern Oregon.

YOU don't have to walk that far, though! Use this transect to explore a redwood park today.

Why Do a Transect?

Transects are a way to “sample” a place, without going to every spot there. They help people explore large areas in detail and to find patterns and connections. By hiking his *Redwood Transect*, Mike Fay was able to discover links between people, animals and plants in redwood forests.

You can discover the wonders of the redwood forest, too, just by doing this transect.

Transect Tools:

- **Redwood Transect** (page 2)
- notebook
- pencil or pen
- colored pencils
- camera
- tape measure (optional)

How to Do Your Redwood Transect:

1. Bring your **Transect Tools** to a nearby park.
2. Check with a park ranger about any safety concerns.
3. Choose a trail or path.
4. Take 10 steps (or measure 20 feet) along the trail and stop.
5. Try to find one of the items on the **Redwood Transect**.
6. In your notebook, describe or draw the item you see at this stop. Label it with the stop number (Stop 1, Stop 2, and so on).
7. Repeat steps 4 through 6 until you find all the items. If you reach the end of the trail before you find them all, try another trail!
8. **Remember:** Take nothing but memories, leave nothing but footprints. Plants, animals, rocks and other natural things should be left alone.

How many did you find? What did you learn?

Where to Do Your Redwood Transect:

Plan a trip to one of California's redwood parks (ExploreRedwoods.org) and do your transect there. But you don't need redwoods to do this transect – use it to explore any park near you.

REDWOOD TRANSECT





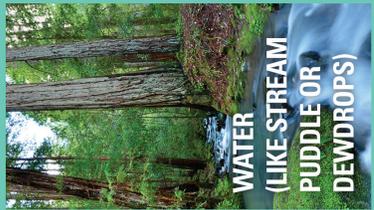
SHADY AREA



A FLOWER



**SIGN OF FIRE
(LIKE BURNED
WOOD OR ASH)**



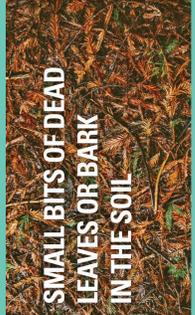
**WATER
(LIKE STREAM
PUDDLE OR
DEWDROPS)**



**SEED POD
OR CONE**



SUNNY AREA



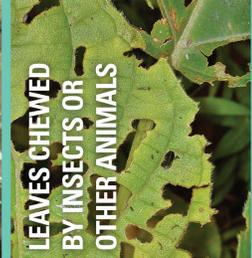
**SMALL BITS OF DEAD
LEAVES OR BARK
IN THE SOIL**



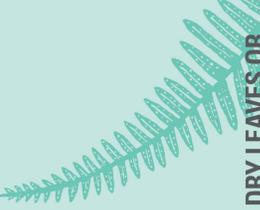
**A TREE STUMP
OR CUT BRANCH**



BIRD



**LEAVES CHEWED
BY INSECTS OR
OTHER ANIMALS**



**DRY LEAVES OR
OTHER SIGN OF
PLANT CHANGE**



**SQUIRREL,
DEER OR
OTHER MAMMAL**



**A MIX OF TREES
BRUSHES
AND LOW PLANTS**



A ROAD OR POWERLINE



FOOTPRINTS



**THORNS OR OTHER
PLANT PROTECTION**



SOMETHING SURPRISING TO YOU



TREE BARK



**SLUG, SNAIL
MILLIPEDE OR
SOWBUG**

Save The Redwoods

L E A G U E®

REDWOOD TRANSECT

How many can you find?

Remember: Take nothing but memories, leave nothing but footprints. Plants animals, rocks and other natural things should be left alone.