



United States Department of Agriculture
United States Forest Service
Siuslaw National Forest

CAPE PERPETUA SCENIC AREA



JUNIOR RANGER PROGRAM

THIS BOOK BELONGS TO:

WANT TO BE A JUNIOR RANGER?

WHAT IS A JUNIOR RANGER?

Junior Rangers are interested in **exploring** natural places and keeping them healthy. They **share** the story of what makes the forest, beaches and dunes special with their friends and family. Junior Rangers are sure to never litter and clean up trash that they see. They do not pick plants or harass animals—knowing that this is their home too. **Junior Rangers are a very important part of taking care of our National Forests!**

HOW TO BECOME A JUNIOR RANGER:

STEP ONE: Activities

-- Ages 4-6: Complete **at least 3 activities**

-- Ages 7-9: Complete **at least 4 activities**
[at least one must have the OWL symbol]

-- Ages 10+: Complete **at least 5 activities**
[at least two must have the OWL symbol]



STEP TWO: Take the Junior Ranger Pledge

Grab a Field Ranger to view & sign this Junior Ranger Book. Repeat the Junior Ranger pledge after the Field Ranger. You will then be an official Junior Ranger!

DID YOU KNOW?

Keeping our forest free from litter is a very important part of a ranger's job. Some visitors leave trash behind and much of it ends up in the ocean. Plastic trash will break into smaller and smaller pieces in the ocean. Ocean animals can mistake plastic for food and eat it, making them sick!

BEFORE YOU BEGIN

JUNIOR RANGER SAFETY TIPS:

Be SAFE and RESPECTFUL as you explore the Cape Perpetua Scenic Area.

- Always explore with an adult.
- Drink plenty of water, even if you don't feel thirsty.
- Wear sunscreen.
- The ocean cannot be trusted. NEVER turn your back on the ocean when you are out near the waves.
- This is a "Forest Museum"
 - Stay on designated trails
 - Please do not pick leaves or flowers
 - Leave beach treasures for the next visitor to find and enjoy.

NOW LET'S GET STARTED!

CHOOSE AN ACTIVITY

WATCH A VIDEO; ASK A QUESTION; OR ATTEND A RANGER PROGRAM

Name of video/program, or question asked: _____

Something you learned: _____

WHERE ARE YOU?

Step outside onto the beautiful deck and feel the salty ocean breeze. What else do you feel? The weather changes a lot here.

TODAY'S WEATHER:

(Circle the words that match what you see outside)

Wet

Warm

Sunny

Misty

Cold

Cloudy

Dry

Windy

Foggy

Raining

Calm

Clear



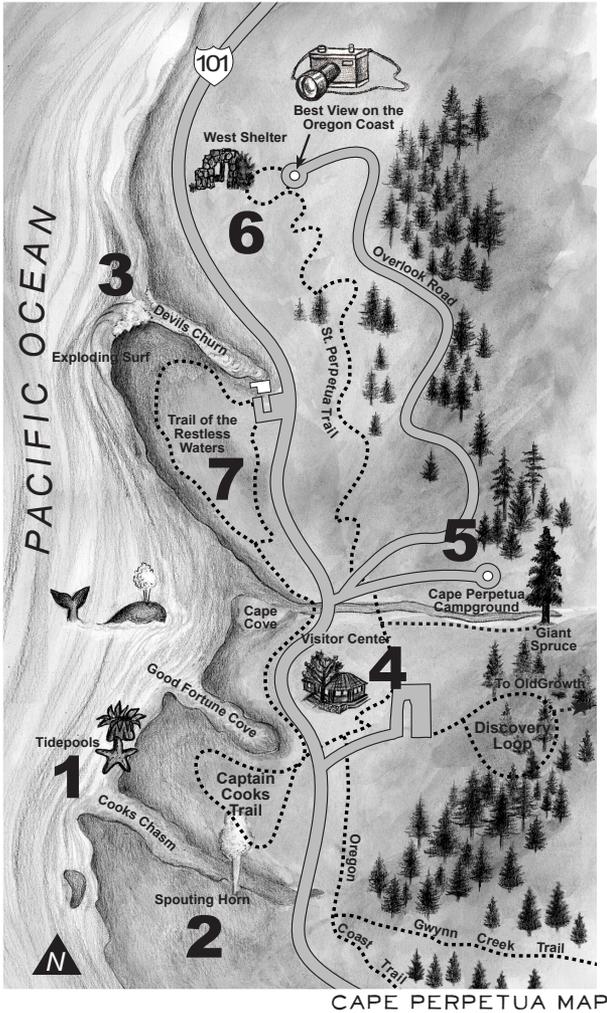
CAPE PERPETUA VISITOR CENTER

DID YOU KNOW?

The forest here is a rainforest. We get 100 inches of rain a year, enough to fill the deep end of a swimming pool!

WHERE ARE YOU GOING?

This is a map of Cape Perpetua Scenic Area.



1. Find the Visitor Center. What number is it?

2. How many of the following can you find?

- Camera
- Giant Spruce
- Starfish
- Tidepools
- West Shelter
- Spouting Whale

3. How many different trails do you see?

4. Where is the best view on the Oregon Coast?

5. Where do YOU want to go?

A WHALE OF A TAIL



Whales are commonly seen on the Pacific coast as they migrate, and whale watching is a popular activity here at Cape Perpetua! Use the displays at the Visitor Center to discover the answers to these questions. Are they TRUE or FALSE?

TRUE
FALSE

Grey whales migrate 10,000 miles round trip every year.

TRUE
FALSE

Whales are not protected by the Marine Mammals Protection Act and it is LEGAL to own whale bones.

TRUE
FALSE

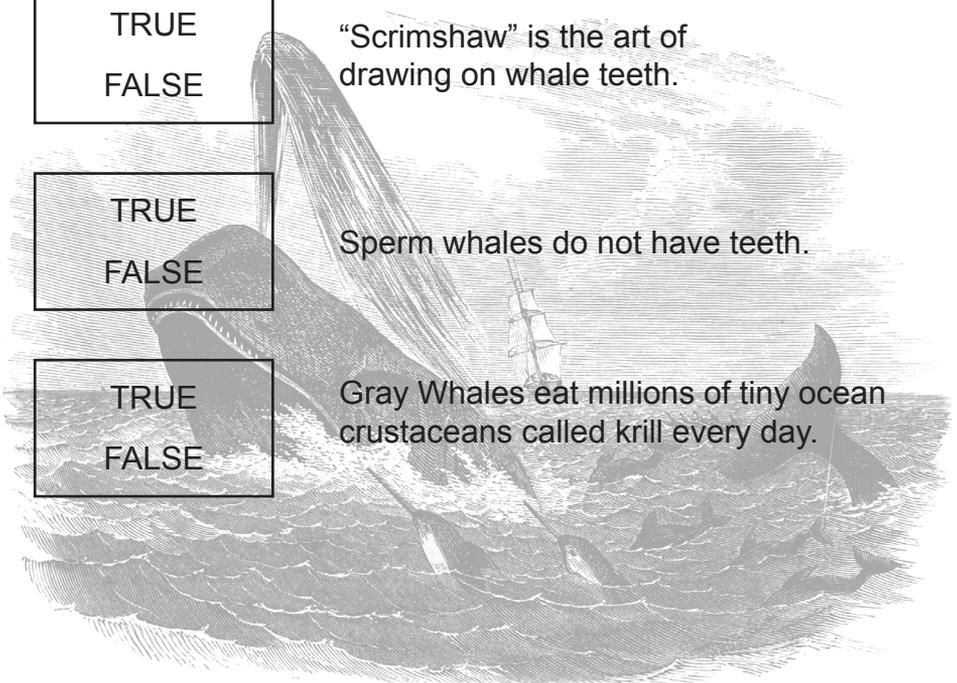
“Scrimshaw” is the art of drawing on whale teeth.

TRUE
FALSE

Sperm whales do not have teeth.

TRUE
FALSE

Gray Whales eat millions of tiny ocean crustaceans called krill every day.



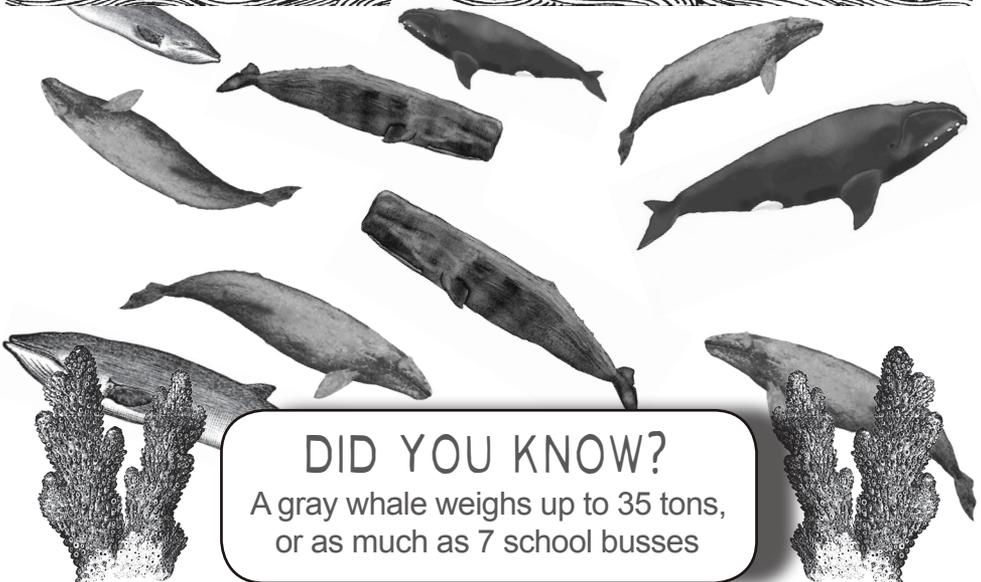
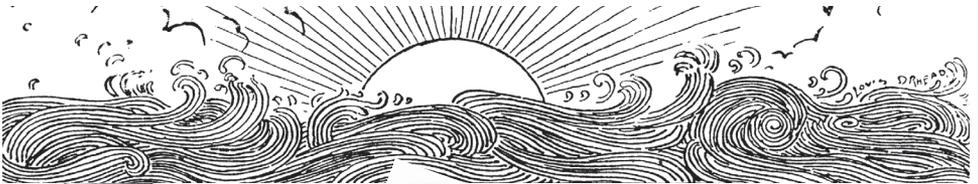
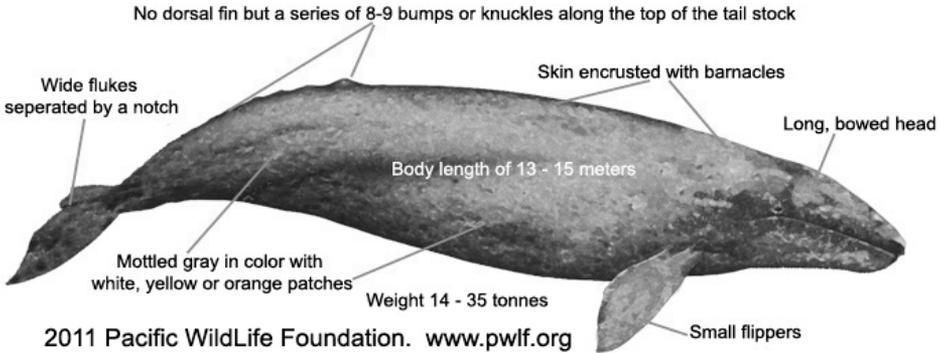
HOW TO ID GRAY WHALES



Study the picture of the whale below, then see if you can find all of the gray whales in the ocean.

Circle every gray whale you find.

Pacific WildLife Foundation - Gray Whale Identification



TIDEPOLS

Tidepools are pockets of saltwater along the rocky coast where all sorts of ocean creatures live. They are constantly being washed by the incoming waves, and only can be seen when the tide is low. Check the weather board at the Visitor Center for today's tide.

TODAY'S
LOW TIDE: _____
HIGH TIDE: _____

Look at the tidepool below. Identify the living creatures by drawing a line from each number to its correct title. You can use the tide pool column in the visitor center to help you.



- | | |
|---|-------------|
| 1 | STAR FISH |
| 2 | BARNACLE |
| 3 | SEA URCHIN |
| 4 | CHITON |
| 5 | TUBEWORM |
| 6 | SEA ANEMONE |
| 7 | MUSSELS |

VISIT THE TIDEPOLS!

Hike the Captain Cook trail half a mile to get to the tide pools.

Please do not remove animals from the pools and try to only walk on bare rocks. Most of what grows on the rocks is alive.

Never turn your back on the ocean, and only go out during low tide. The rocks are dangerous during high tide.

EXPERIENCE A RAINFOREST

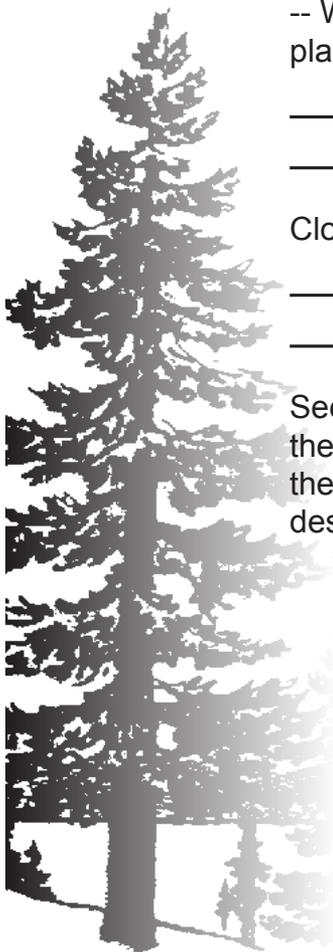
This mild forest makes a very good home for a great variety of plants and animals. Oregon has only 5% of its old growth rainforest left. To really see the great variety of organisms that live here, you need to get outside. Take a walk down the Giant Spruce Trail. Make some observations along the way.

Once you have wandered along the trail awhile, stop and look around you.

-- What you see? How many different types of plants and animals can you count?

Close your eyes and listen. What do you hear?

See if you can sit still for a moment. This allows the other animals to forget you are here, and they may return to their business. Draw or describe what you see.



NATURE MATTERS



GET OUT & PLAY

There are many amazing things to see here at Cape Perpetua. Choose one of these areas, get out and explore with your family.

- 1. Drive to the Overlook** – The view from over 800 feet above the ocean can be breezy. You can see 35 miles out into the ocean and almost 80 miles of coast. Visit the stone shelter built by the Civilian Conservation Corps.
- 2. Visit Devils Churn** – The power of the ocean is very visible in this rock feature. It is a deep chasm (or channel) in the rock that was once a lava tube. Watch the ocean churn during high tide –but be careful.
- 3. Hike to the Giant Spruce Tree** – a short walk down a one mile trail (one way) will lead you to a 500 year old Sitka Spruce. This special rainforest tree is only found in a narrow band along the pacific coast, and is the star of our rainforest.



GIANT SPRUCE TRAIL

Where did you go?

What did you like best?

NATURE PROVIDES

Rainforests receive over 75 inches of rain a year. This rainforest is special because it is a temperate forest, which means the temperature is mild. It doesn't get too hot or too cold here. This habitat is only found in small pockets around the world and provides food, water and shelter for a huge number of different plants and animals.



NEEDS TO BE MET

Some animals, like the black bear, need a lot of space to live in. Others, like the slug, only need a small amount. The forest provides for the basic needs of all animals, giving them a food source, fresh water, a place to rest, and lots of space. Draw a habitat for the bear cubs that includes their basic needs.

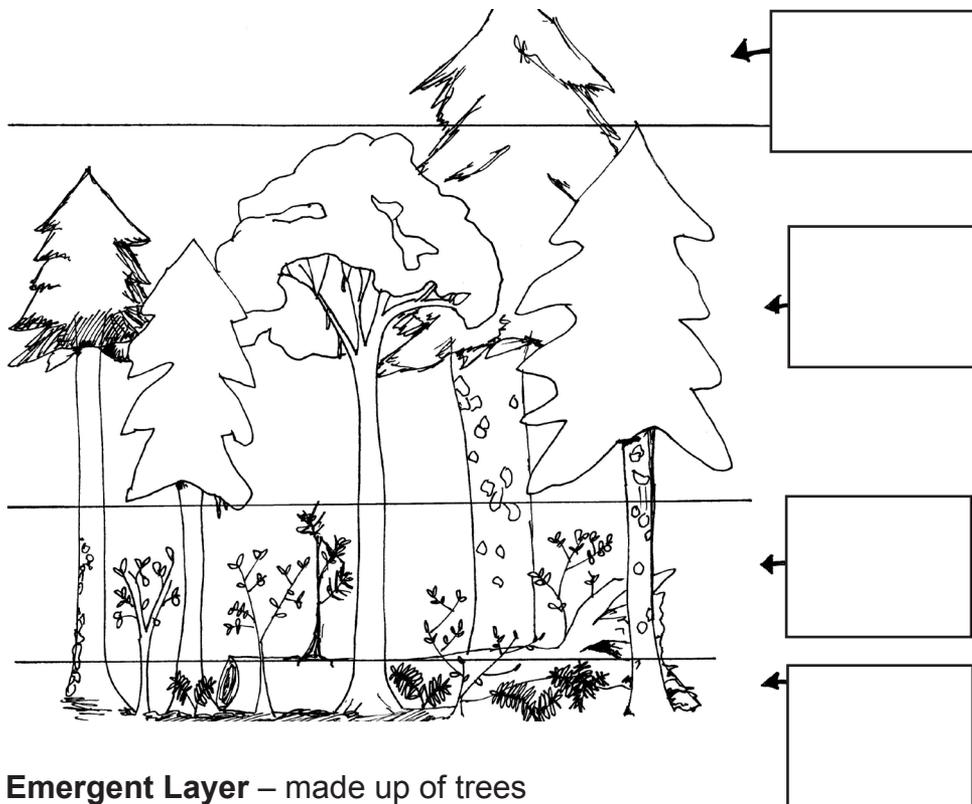


Nature provides for all animals, including humans. Can you think of some ways we benefit from nature? _____

LAYERS OF THE FOREST



Cape Perpetua's temperate rainforest has many layers of life. This layering is a sign of a healthy ecosystem, as many different types of plants are present. Can you label the layers of the forest on the picture below?



Emergent Layer – made up of trees that are very old and tall.

Duff Layer – home to ferns, mosses, soil, fallen logs, leaf litter, and many creatures.

Understory Layer – trees and shrubs grow in the shade of the larger trees and provide habitat for wildlife.

Canopy Layer – trees blocks out the sun and creates a shady, cool forest floor.

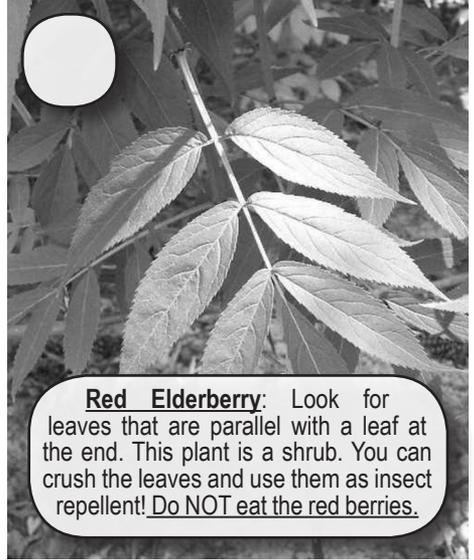
PLANTS OF CAPE PERPETUA

Rainforests provide many things we as humans can use. Plants have been used for many years as medicines, food, sunscreen, soap, etc. Take a walk and see if you can identify the plants listed below, placing a check in the box of each plant you find.

REMEMBER - NEVER EAT ANY PLANT WITHOUT ASKING AN ADULT FIRST!



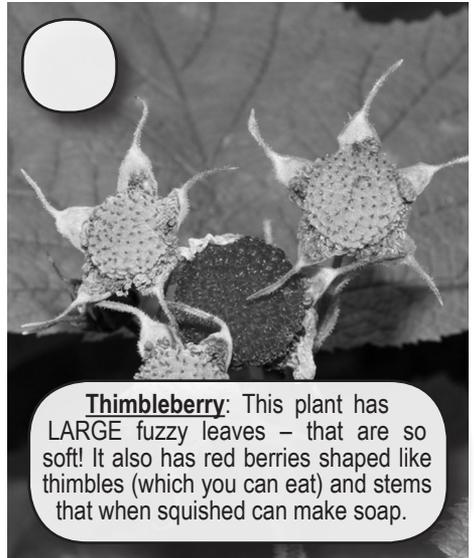
Horsetail: Look for a tall feathery looking plant with no flowers. You can use this plant to clean your pots and pans, and crush the stems to make a paste and stop bleeding.



Red Elderberry: Look for leaves that are parallel with a leaf at the end. This plant is a shrub. You can crush the leaves and use them as insect repellent! Do NOT eat the red berries.



Salal: Look for a bush with shiny green leaves and small pinkish flowers that hang down – turning into blue berries you can eat!



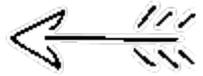
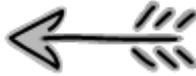
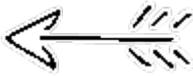
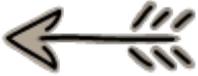
Thimbleberry: This plant has LARGE fuzzy leaves – that are so soft! It also has red berries shaped like thimbles (which you can eat) and stems that when squished can make soap.

THE PEOPLES HISTORY

ENGAGED
COMMUNITES



The Visitor Center has a timeline that shows the history of the people here. Use it to put these events in order from EARLIEST (1) to LATEST (5). For a bonus point, write in the year the event took place.



NUMBER

Congress created the Siletz Reservation and the Alsi tribe is confined to the Yachats area.



The Siuslaw National Forest was created.



The Chinook people lived along the lower Columbia River and developed common words with other tribes for trading.



Trails and the West Shelter were built by crews of the Civilian Conservation Corps.



Native Americans developed tools to use when hunting and fishing.



CONGRATULATIONS!

You have just completed the Junior Ranger Program at Cape Perpetua Scenic Area. Take your book to a Field Ranger and recite the Junior Ranger Pledge after him/her.

JUNIOR RANGER PLEDGE

*I pledge to help protect the plants and animals of
Cape Perpetua Scenic Area,
to share what I've learned with others,
and to be a friend
to all of our national forests.*

Field Ranger Signature

Date

**YOU ARE NOW AN OFFICIAL
JUNIOR RANGER!**

Remember, Junior Field Rangers at Cape Perpetua are important. They teach others what they know and help to keep the scenic area safe and clean.



VIEW FROM CAPE COOK TRAIL



for the greatest good

CAPE PERPETUA SCENIC AREA
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