

**HI, I'M ROY THE ROUGH-SKIN NEWT!
WELCOME TO THE
HUMBOLDT COASTAL NATURE CENTER**

HOW TO QUEST:

You are holding a treasure map! Follow the movement clues (*italicized*) between the numbered stops and discover the natural treasures within these coastal dunes. At your final destination you will find your Quest Clue. This is the "key" to your prize (see the "Now that you've finished..." section for your next step)! Have fun, be safe, and stay on marked trails on this adventure.

FRIENDS OF THE DUNES QUEST TRAIL INFORMATION:

Start: At the Wildberries Trail Marker (Found on the ocean side of the Nature Center)
Contact: Call (707) 444-1397 or e-mail us at info@friendsofthedunes.org
Website: friendsofthedunes.org
Quest Trail Name: Wildberries Trail
Total Length: ~0.3 miles one-way/ ~0.5 hours
Difficulty: Easy/Moderate (Uneven sandy surfaces and slight hills)

Driving Directions:

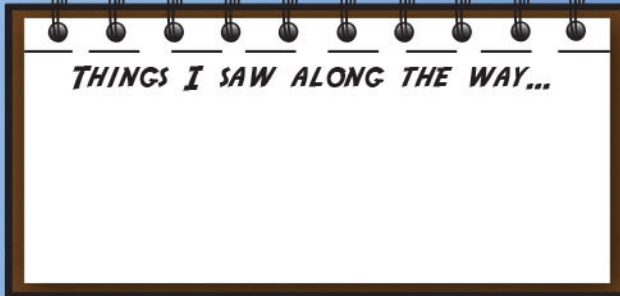
Take Stamps Lane exit from HWY 255. Look for the "Humboldt Coastal Nature Center" signs on HWY 255 directing you to Stamps Lane. **Please use caution when turning off HWY 255.**
From Arcata: Take HWY 255 (Samoa Blvd) South toward Manila, and turn right onto Stamps Lane.
From Eureka: Take HWY 255 North and turn left onto Stamps Lane.



NOW THAT YOU'VE FINISHED YOUR QUEST:
Go to the Humboldt Coastal Nature Center (220 Stamps Lane, Manila; phone: (707) 444-1497, open Mon.-Sat.) to display your Quest Clue and claim your prize. If they are closed, log on to the Redwood EdVentures website (below) and we'll mail your prize to you.

WHERE WILL YOUR NEXT QUEST TAKE YOU?

The journey you've just completed is one of many Redwood EdVentures Quests. Find Quest locations and download free copies at www.redwood-edventures.org. Teachers, students, and families can also explore hundreds of outdoor places and educational opportunities on the beautiful Redwood Coast. Find out why nature is closer than you think!



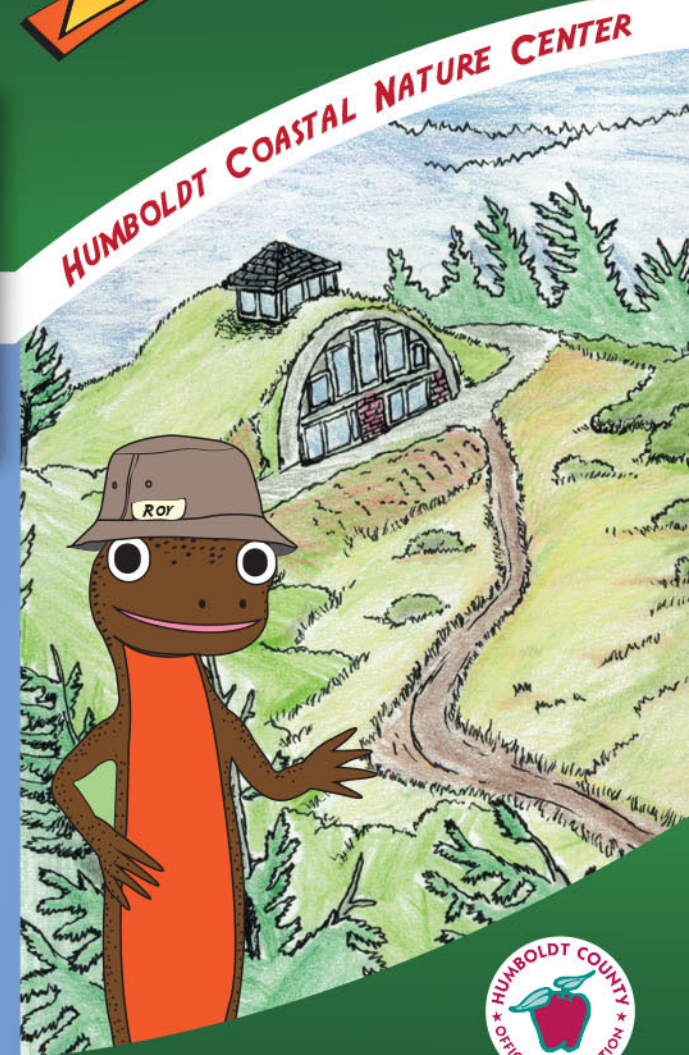
Rivers to Redwoods
CHILDREN'S FOREST



Developed in collaboration with the Environmental Education and Interpretation Practicum class, Humboldt State University, 2014.

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REDWOOD EDVENTURES QUEST



WILDBERRIES TRAIL
FRIENDS OF THE DUNES

Begin this quest at the Humboldt Coastal Nature Center. From the parking lot, walk up the path and make your way to the ocean side of the Nature Center. Look for the Wildberries marker. This is the start of your Quest.

1 Take a look at the landscape; what do you see? Is it flat, is it hilly - what's its topography? From forest to swale there are a variety of creatures, Continue down the trail to discover the dune's cool features.

Follow the trail and soon you will encounter a bird of prey marker. This is your next stop.

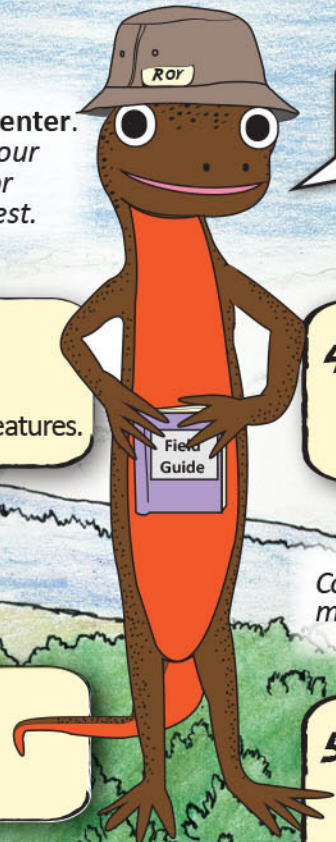
2 The Great Horned Owl and the White Tailed Kite: Owls hunt by night in silent flight, While kites hover by day in search of prey.

Continue this trail out of the blackberry bushes. Can you spot a similar marker? The bee marker is your next stop.

3 Bees are amazing food collectors. They feed themselves with pollen and nectar. Take a look at any flowers that you might see. Many of these dune plants are pollinated by bees.

If you listen closely you might hear a buzz. The wool carder bee is looking for fuzz. Plant hairs from Beach Buckwheat leaves are the best, For this native bee's eggs to peacefully rest.

Continue this trail up and over the upcoming sand dune. Enter the forest and look for the fox marker. This is your next stop.



DISCOVER DUNE DIVERSITY!

4 As you entered this hollow, did you feel the temperature drop? The moisture and cover create a fine place to stop. Water gathers here and helps beach pine trees thrive, Providing shade from the sun helps keep animals alive.

Continue the trail through the hollow and look for a frog marker. This is your next stop.

5 If you're an amphibian like me, this is your ticket To a moist paradise, a wet willow thicket. With our sponge-like skin we need such a place to reside. It's also where Pacific Chorus Frogs like to hide.

Continue this trail, you will soon hit a fork. Follow the willow thicket to your right until you see a mouse marker. That is your next stop.

6 Stop here and imagine a strong summer gale, Carving the land into a wide-gullied swale. This depression can become a wet landscape, Allowing for dune diversity to seasonally take shape.

Follow this trail as it dips and continues straight to the top of the foredune. There are no more markers here, but a large clearing surrounded by grass. This is your next stop.

7 A sea of European beach grass grows on your right. Brought long ago, this grass grew "out of sight!" It was planted around sandhills to improve sand stability, But it has grown beyond its expected abilities.

It takes away space from native dune plants. That's why volunteers pull it to give natives a chance. Look to your left, you'll see native plants sprouting. This is the result of restorationist outings.

Continue this trail onto the beach but take notice of where you exit the dunes so you can easily find your way back.

8 Look back toward the foredune, the one you just passed. Do you see plant diversity or too much invasive grass? As you rest take a breath and watch the ocean spray and foam, Think about how many plants and animals call the dunes home.

There is a clue that is needed before collecting your prize. You can find it by looking at the base of the last brown trail post, nearest to the beach. You might have to uncover some sand to reveal the clue underneath.

WRITE YOUR QUEST CLUE HERE:

How can you help coastal dunes? Learning and caring for the land is a great way to start. Head back to the nature center, And discover how you can do your part.