



**You are invited!**

# FOREST TALKS and TRIPS

May - August 2014

The McKenzie River Ranger District of the Willamette National Forest in Oregon will again be presenting our natural resources education activities throughout the year.

Join visiting Mexican **biologist Iliana Arellano**, and other specialists as they explain the mysteries of the natural world.

Activities are free of charge and may be conducted in English, Spanish or German.

**Contact us soon to arrange a talk, trip or both!**

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for the greatest good

## Talks for all Grades:

### **The World of Birds**

What makes a bird a bird? We will learn all about feathers, beaks, bird song, and egg laying. This will include fun, hands-on activities such as looking at real feathers, wings, nests and skulls and playing bird-song bingo. *45 minutes*

### **Raptor Migration**

Amazing and big birds cross the continent flying every year! Kids will learn how this spectacular migration occurs, and all the challenges involved in raptor migration. *50 minutes*

### **Forest Conservation**

This is an exciting and interesting talk with fun games about forest conservation. What is forest conservation? Why is it important? And how can you get involved and help conserve your forest? *45-60 minutes*

### **Fabulous Salmon Journey**

Salmon accomplish one of the biggest journeys across the ocean, just once in their life to spawning. In this interesting talk students will learn how and why these fascinating fish migrate as part of their life cycle, and once they have reached their destination, how they nest. *40 minutes*

### **Mexico, a Megadiverse Country!**

Mexico is one of the most diverse countries in the world, this great country has almost all types of ecosystems. Explore the beauty and wonders of this amazing country. Students will learn why, how, and what makes Mexico a biodiverse country, as well as its' natural and political history. *40 minutes*



## Wilderness Basics

Discover the hidden wonders in the wilderness and learn what wilderness is, why it was created, and how wilderness plays an important role in ecology and society. *45 minutes*

## There's Life in Trees

Children will learn how snags (standing dead trees) are an important part of many animals' habitat, and an important part of the forest. Animals use snags for nesting, denning, roosting, perching, feeding, shelter and protection. *30 minutes*

## A Day as a Biologist

Students will learn what it is like to be a biologist. They will explore different types of field work like managing habitats and researching wildlife. Students will also compare how this profession has changed over time. *40 minutes*

## Talks for 4<sup>rd</sup> Grade and Up:

### Climate Change

We will discuss what climate change is. How do people's actions affect the earth's temperature? How are plants and animals impacted? What can we do to minimize our impact on the environment? This is an interesting topic for kids to learn and understand considering today's actions. *45 minutes*

### Chemistry and uses of medicinal plants

Do you know where some of the medicines you use come from? Students will learn about medicinal plants and how to study their chemistry. *45 minutes*

## **Puppet Show: Sally the Snag:**

Sally is a Douglas fir tree that has been hit by lightning and is now “just a snag” or standing dead tree. This program includes many wildlife puppets. Students will learn interactively how snags are important to wildlife and how they help maintain a healthy forest.

## **Field Trips for All Grades:**

### **Forest Conservation Field trip**

Take a look in our forest and see how forests are used by humans, wildlife and plants, and how wildlife and other resources are protected. *2 hours*

### **Field trip to the Willamette National Forest**

Come one; come all for a wild adventure! Students will discover the wonders of an Old Growth Grove at the Delta Nature Tail. Bird watching and GPS device activities can also be included. *1.5 hours*

## **Field Trip for Preschool to 5th Grade:**

### **There's Life in Trees**

Come to McKenzie River Ranger District and learn why wildlife trees are important and how these trees are used by many animals. In this field trip students will see natural and created snags, and how the Forest Service monitors some of these dead trees over time. *2 hours.*



# Field Trips for 2nd Grade to High School:

## **Field trip to the Wilderness**

Visit the wilderness and discover the wonders that it has. Hiking with a wilderness expert, kids will learn while playing games in the woods about nature basics. Excellent field trip addition to the talk about Wilderness Basics. *3 hours*

## **Salmon Journey field trip**

*(only available during salmon spawning season from September-October)*

Come visit the McKenzie River to watch how and where salmon build nests for laying their eggs, as well as the required conditions in their habitat to live, develop, and complete their life cycle. *1.5 hours*

