

Name: _____

Date: _____

Teacher Answers: Crater Lake National Park Habitats

✓ Fledglings

Research information about your focus bird species and answer the following questions.

Bird Species: Red Crossbill

Fill out this information when you see your bird in the slideshow:

Habitat (What habitat type(s) does your bird prefer?): *Mixed Conifer Forest*

Food (What does your bird eat?): *Pine Seeds*

Conservation (What concerns are there for conservation of your bird and its habitat?):

Forest fragmentation has contributed to population decline.

What other birds use the same habitat type(s) as your bird?

Pine Siskin, Clark's Nutcracker, Gray Jay, Common Raven, Brown Creeper, Red-breasted Nuthatch

After the slideshow:

Now, let's think about your bird's habitat type again. What food, water, shelter, and space will it find there?

The Red Crossbill will use its unique bill to pry open conifer cones in the mixed conifer forest, and it will get water from condensation on the pine needles. The conifer forest not only provides ample food and water for the Red Crossbill, but also provides cover for the Red Crossbill in the boughs of the trees and there is enough space for the Red Crossbill to survive.

Preparing for a field trip

On our field trip we are going to Crater Lake National Park site with mixed conifer forests and open subalpine meadows habitat types. Predict if you think your bird could live in one of these habitats.

Explain why or why not?

Yes, I think we will find Red Crossbills on the field trip because there is food and shelter for the Red Crossbill in the mixed conifer forests.

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Provide information about the habitats and habitat components found at the this site.

Crater Lake National Park Habitat Type I: Mixed Conifer Forest at Rim

Habitat components found at this site:

Food: Pine Seeds

Water: In the caldera

Shelter: Whitebark pine trees

Space: Lots of conifer trees and brushy areas

Check off the bird species found at this site.

Waterbirds

- Common Merganser

Gulls

- Ring-billed Gull
 California Gull

Raptors/Nighthawks

- Red-Tailed Hawk
 American Kestrel
 Great Horned Owl
 Common Nighthawk

Jays/Ravens

- Steller's Jay
 Gray Jay
 Clark's Nutcracker
 Common Raven

Hummingbird

- Rufous Hummingbird

Woodpeckers

- Northern Flicker
 Hairy Woodpecker

Chickadee

- Mountain Chickadee

Meadowlark/Blackbird

- Brown-headed Cowbird

Warblers

- Yellow-rumped Warbler

Sparrows/Juncos

- Chipping Sparrow
 Lincoln's Sparrow
 Dark-eyed Junco

Tanager

- Western Tanager

Creepers

- Brown Creeper

Nuthatch

- Red-breasted Nuthatch

Wrens

- Winter Wren
 Rock Wren

Kinglet

- Golden-crown Kinglet

Bluebirds/Thrushes

- Mountain Bluebird
 Varied Thrush

Finches

- Cassin's Finch
 Pine Siskin
 Red Crossbill

Other Wildlife Sightings: