

# Appendix Six - More Activities

## Music and Ecosystems

### Objective

To listen to music that shows human perceptions and thoughts on nature and ecosystems.

### Activity

Invite the students to bring, from home, songs with environmental themes. Play the music for the class.

Choose one or two songs for the class to analyze. Providing a written copy of the lyrics will help the students. Some suggestions for artists – Joni Mitchell, Bruce Cockburn, Raffi, Gordon Lightfoot.

### Some questions to consider:

1. What issue(s) is the musical artist addressing?
2. What is the artist's viewpoint on the issue?
3. Is the music joyful? Sad?

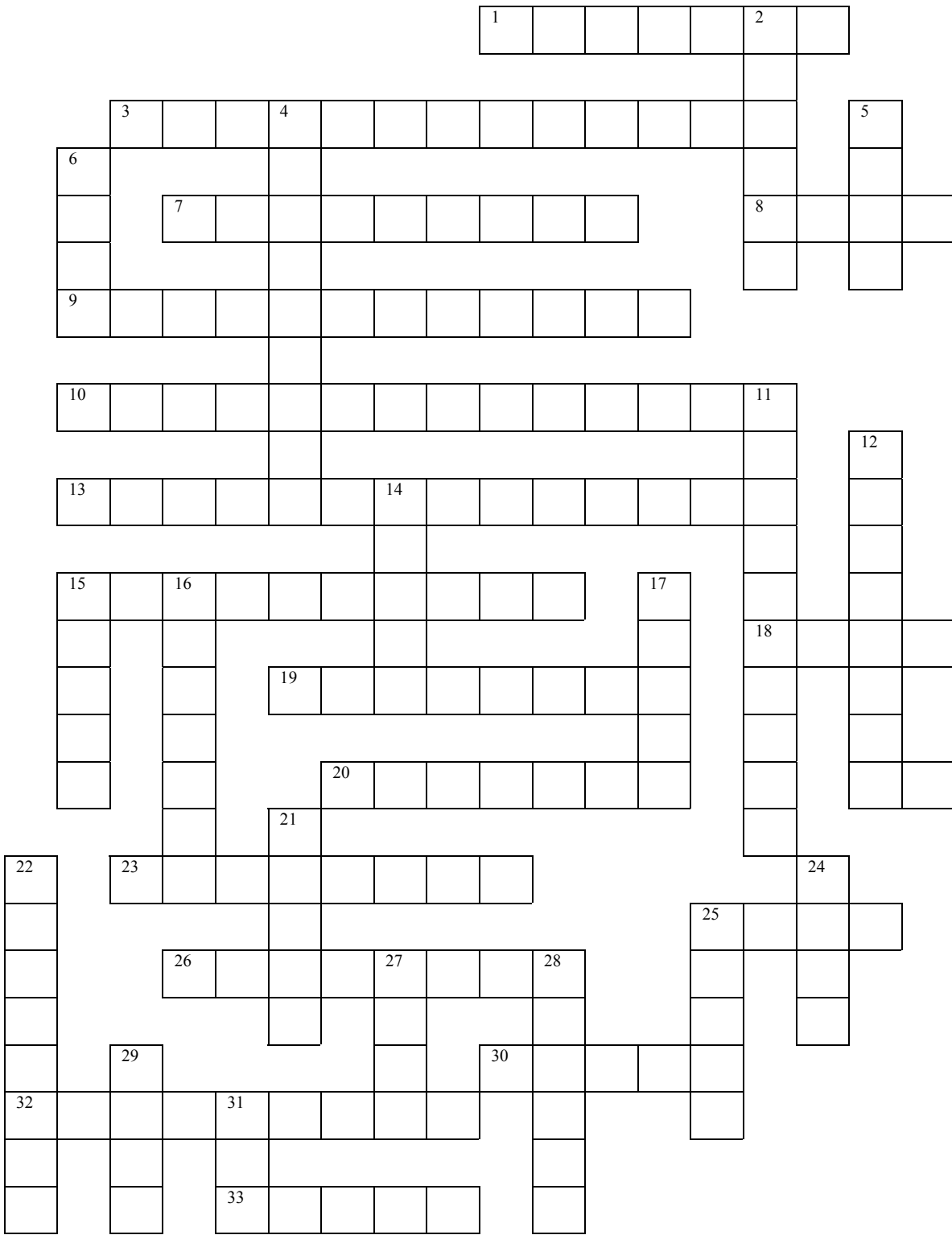
Perhaps the class would like to take the music from a well-known song and write some new lyrics with an environmental theme.

## Games

There are many games and activities relating to ecosystems, food chains and other topics relevant to this unit, in the Project Wild books titled "Backyard Biodiversity and Beyond" and "Project Wildlife Tree". Ask at your District Resource Centre for a copy of these learning kits.

Name \_\_\_\_\_

# Old Forest Ecosystem Crossword Puzzle



# Old Forest Ecosystem Crossword Puzzle

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## Clue List:

### Across

- 1 common tree in the Interior Cedar - Hemlock Zone
- 3 moisture that falls as rain, snow, etc.
- 7 a plant-eater
- 8 a type of tree that grows in after a fire
- 9 the diversity of life
- 10 process that plants use to make food from sunlight
- 13 type of zone defined by biology, geology, and climate
- 15 organism that obtains food by eating dead things
- 18 a dead tree that is still standing
- 19 an organism that eats other living things
- 20 interwoven food chains
- 23 building block found in foods
- 25 Grizzly \_ \_ \_ \_
- 26 eats both plants and animals
- 30 Western Red \_ \_ \_ \_
- 32 organisms interacting with each other and their surroundings form an \_ \_ \_ \_ \_ \_ \_ \_
- 33 liquid nutrient essential for life

### Down

- 2 the top layer of the forest
- 4 a meat eater
- 5 can topple rotten trees
- 6 soft- stemmed plant
- 11 when one thing follows another
- 12 hunts other organisms
- 14 the top portion of an individual tree
- 15 same meaning as "rot"
- 16 Mountain \_ \_ \_ \_ \_ \_ \_ \_ eat tree lichens
- 17 a woody plant usually under 5 m tall
- 21 stem of a tree
- 22 losing its value
- 24 never pick plants in a \_ \_ \_ \_
- 25 Old Man's \_ \_ \_ \_ \_ Lichen
- 27 mouse -like small mammal
- 28 most of this comes from the sun
- 29 reproductive structure of an evergreen tree
- 31 Western \_ \_ \_ is an understory shrub

**Use these words to complete the puzzle:**

bear  
beard  
biodiversity  
biogeoclimatic  
canopy  
caribou  
carnivore  
cedar  
cone  
consumer  
crown  
decadent  
decay  
decomposer  
ecosystem  
energy  
foodweb  
hemlock  
herb  
herbivore  
nutrient  
omnivore  
park  
photosynthesis  
pine  
plant  
precipitation  
predator  
shrub  
snag  
succession  
trunk  
vole  
water  
wind  
yew