Na	Name	_ Date		Class
Liv	Living Resources • Skills Lab			
T	Tree Cookie Tales			
Pı	Problem			
W	What can tree cookies reveal about t	he past?		
	Skills Focus observing, inferring, interpreting da	ıta		
tre me ha co	Materials tree cookie metric ruler hand lens colored pencils calculator (optional)			
	Procedure			
	Your teacher will give you a "tree cookie"—a slice of a tree trunk that contains clues about the tree's age, past weather conditions, and fires that occurred during its life. Use a hand lens to examine your tree cookie. Draw a simple diagram of your tree cookie. Label the bark, tree rings, and center, or pith.			
2.	Notice the light-colored and dark from fast springtime growth. The results from slower summertime rings represents one year's growt Observe and count the annual rin	e dark ring, wh growth. Each p th, so the pair i	ere the cells are a	smaller, dark
3.	3. Compare the spring and summer the thinnest and thickest rings.	portions of the	e annual rings. I	dentify
4.	4. Measure the distance from the censummer growth ring. This is the measurement.		- C	
5.	5. Measure the distance from the cersummer growth ring. Record you			ne tenth

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Living Resources	 Skills Lab 		
	Examine your tree cookie for any other evidence of its histodamaged bark or burn marks. Record your observations.		
Analyze and Coi	nclude in the spaces provided.		
1. Inferring How	old was your tree? How do you kn	now?	
ten years of its li growth ring by	hat percent of the tree's growth took ife? (<i>Hint:</i> Divide the distance from the radius. Then multiply by 100. To th that occurred during the tree's fi	the center to the tenth This gives you the	
<u> </u>	w did the spring rings compare to the Suggest a reason.	the summer rings for	
4. Interpreting Day years than for o	ata Why might the annual rings be thers?	narrower for some	
paragraph that	g Using evidence from your tree cosummarizes the history of the tree. possible in your summary.		
	eriment Suppose you had cookies fr s that grew near your tree. Write a p you made in this lab. <i>Obtain your tea</i>	plan for verifying the	