

# REDWOOD FOREST AREA\*

## HUMBOLDT COUNTY AND BEYOND

<b>Region</b>	<b>Area</b>	<b>ESTIMATE % area of redwood forest in region</b> <small>(column adds to 100%)</small>	<b>CALCULATE Area of redwood forest in region</b>	<b>CALCULATE % area of redwood forest</b>
<b>Alameda County</b>	738 mi <sup>2</sup>	5%	36 mi <sup>2</sup>	1%
<b>Contra Costa</b>	720 mi <sup>2</sup>	1%	7 mi <sup>2</sup>	0.2%
<b>Del Norte County</b>	1,008 mi <sup>2</sup>			
<b>Humboldt County</b>	3,573 mi <sup>2</sup>			
<b>Marin County</b>	250 mi <sup>2</sup>	30%	75 mi <sup>2</sup>	3%
<b>Mendocino County</b>	3,509 mi <sup>2</sup>			
<b>Monterey County</b>	3,322 mi <sup>2</sup>	5%	166 mi <sup>2</sup>	6%
<b>Napa County</b>	754 mi <sup>2</sup>	10%	75 mi <sup>2</sup>	3%
<b>San Mateo</b>	449 mi <sup>2</sup>	40%	179 mi <sup>2</sup>	7%
<b>Santa Clara County</b>	1,291 mi <sup>2</sup>	5%	65 mi <sup>2</sup>	2%
<b>Santa Cruz County</b>	446 mi <sup>2</sup>	40%	178 mi <sup>2</sup>	7%
<b>Sonoma County</b>	1,576 mi <sup>2</sup>	20%	315 mi <sup>2</sup>	12%
<b>SUBTOTAL</b> Del Norte + Humboldt + Mendocino = 60%			990 mi <sup>2</sup>	40%
<b>California</b>	163,696 mi <sup>2</sup>	1.5%	2475 mi <sup>2</sup>	99%

\*These numbers are estimated

1. Before you begin to solve, what questions do you have? How might you answer them?

2. Now try this! Look at the maps and estimate percent cover for the county....

#### AFTER CALCULATIONS

3. What was confusing about this activity? What approaches did you take to address these?

4. How could this activity be improved? How might you use something like this in your classroom?