

PROJECT CONSERVATION RUBRIC

Students _____

Community _____

GENERAL SLIDE CONTENT	TOTAL VALUE	TEACHER EVAL
• Opening Slide with Title	5	
• Used variety of PowerPoint features (transitions, sound, graphics)	5	
• Graphs, diagrams, and/or tables are accurate	10	
• Information is scientifically and mathematically reasonable/ based on data	20	
PRESENTATION/ORGANIZATION		
• Presented in a professional manner	10	
• Text is well written and ideas are presented in an organized manner	10	
• Slides are logically presented	5	
• Presentation is visually attractive	10	
SPECIFIC SLIDE CONTENT		
• Community Description (<i>50 points</i>)		
- Climate	10	
- Species Composition	10	
- Soil Composition/Topography	10	
- Average Age	10	
- Dependent Environmental Factors	10	
• Wildlife Adaptations (<i>35 Points</i>)		
- 5 Examples minimum	25	
- Pictures/Illustrations/Samples	10	
• Endemic Species (<i>30 Points</i>)		
- List of their Common and Species Names	15	
- Location (specific sites)	15	
• Native Plants Used in Horticulture Outside California (<i>25 Points</i>)		
- 3 Species minimum (common, species, cultivar, and/or variety names mentioned)	15	
- Other States or Countries	5	
- Desirable Characteristics	5	
• Human Impact on Community's: (<i>40 Points</i>)		
- Distribution	10	
- Species Composition (Biodiversity)	10	
- Landscape	10	
- Climate	10	
• Wildlife Preservation Agency: (<i>40 Points</i>)		
- Roles and Restrictions	20	
- Background	5	
- Opposing Groups	5	
- Example of "forced" Decision or Compromise	10	
• Endangered/Threatened Species Case Study (<i>30 Points</i>)		
- Niche Description	10	
- Reason for Declining Numbers	10	
- Protection	10	
• Exotics Case Study- "Native vs. Exotic" (<i>30 Points</i>)		
- History and Role of Exotics	15	
- Effects on Natives	15	
• Restoration Case Study (<i>50 Points</i>)		
- Where and Why?	5	
- Mitigation Process	5	

- Source of Funds	5		
- Agencies Involved	5		
- Process of Reintroduction of Natives	5		
- Research Behind Plan	5		
- Timeline of Community Establishment	5		
- Succession and Obstacles	5		
- Success Rate	5		
- Benefits of Natives in Landscapes	5		
• Newspaper Critique (25 Points)			
- Author's Main Points	5		
- Questions Raised	5		
- Problems	5		
- Personal Feelings	5		
- Lesson Learned	5		
• Community Visit (60 Points)	1st	2nd	
- Site(s) Visited (w/verification)	20	10	
- Experience	5	5	
- Observations (species mentioned)	5	5	
- Pictures of Wildlife	10	10	
- Expectations	5	---	---
- Feelings Invoked by Surroundings	5	---	---
- Lessons Learned	10	---	---
• University Library Visit (50 Points)			
- University Visited (w/verification)	30		
- Selection of Published Papers	10		
- Experience	10		
• Resolution (30 Points)			
- What can be done to help?	10		
- Lessons Learned	10		
- What is the "state of our community"?	10		
• Going Further (Extra Credit)- Only ONE may be selected!			
1. Planting a Native Plant (30 Points)			
- Nursery of Origin (w/verification)	10		
- Picture of Plant Chosen (common, species, cultivar, and/or variety names mentioned)	5		
- Appealing Characteristics	5		
- Reasons for why it will do well at home	5		
- Required Care	5		
2. Neighborhood Native Plant Survey (40 Points)			
- Survey of Native and Naturalized Plants (common and species name w/relative abundance)	20		
- Pictures of Site(s) Visited	5		
- Speculation as to why they're around	5		
- Predominant Natives	5		
- Field Guide Used	5		
• Works Cited (30 Points)			
- 20 CORRECTLY CITED Reputable Sources	20		
- 2 Professional Papers minimum	5		
- Includes Books, Periodicals, and/or Newspaper	5		
SPECIFIC SLIDE CONTENT SUBTOTAL	525		
TOTAL POINTS	600		