Scout Name		l Init #	Date
Scout Name		Offic#	Date
<b>Ecology/Environment Merit</b>	Badge Workshe	eet	
Requirement 1			
Explain the meaning:			
Ecology			
Biosphere			
Ecosystem			
Plant Succession			
Give an example:			
Plant Succession			
Requirement 2			
☐ With the help of your counselor, pick an area of 3 hect not available.	ares to study. City Scouts may pic	ek an area in a large	park, if a better place is
What was the place you selected?			
Requirement 3			
Visit the area four times for 2 hours each time. Do it once different times. Record the following:	a week on different times $\mathbf{OR}$ if	in camp, different	days of the week at
Date and Time			
Animals What the Animals Doing			
What the Animals DoingPlants			······
Type of Rocks and Soil			
Date and Time	Temperature, Rain, and Wine	d	
Animals			
What the Animals Doing			
Plants Type of Rocks and Soil			
Date and Time			
Animals			
What the Animals Doing			
Plants Type of Rocks and Soil			
Date and Time			
AnimalsWhat the Animals Doing			
Plants			
Plants Type of Rocks and Soil			

Scout Name	Unit #	Date	

## **Requirement 4**

Write about your study in 500 words or more showing: a) How climate, topography, and geology have influenced the number and kinds of plants and animals; b) How the living and non-living elements are interrelated; c) Why it is important that people understand this.

Scout Name	Unit #	Date
Requirement 5		
With your counselor, plan and carry-out a project on one of the fo	ollowing:	
<ul> <li>□ The effect of water-holding capacity of soil on plant life. The and oxygen cycle.</li> <li>□ The influence of land plant life on temperature, light intensity, water environment. How both land and water plants affective.</li> </ul>	, wind velocity, and humidity. The influ	
Requirement 6		
$\square$ Do a short talk to a Scout group regarding what you did for $R$	equirement 5.	
Requirement 7		
The cause of water pollution and what it does to rivers and lakes		
The cause of land pollution and what it does to the environment _		
The cause of air pollution and what it does to the environment		
How chemicals get into the tissues of animals miles away from w	here they were used	
Requirement 8		
What can you and other people do to solve a local problem, air pe	ollution, water pollution, or litter	
Requirement 9		
Name three positions in environmental science and their duties.		
1		
2		
3		