



# Ranger Award Ecology



## Elective Requirements Checklist

This Checklist can help you document your progress as you work toward earning the award.  
The Venturer must do each requirement.

No one may add or subtract from the official requirements found in [Venturing Awards and Requirements](#)  
The requirements were last revised in 2014 • This workbook was updated in November 2016.

Venturer's Name: \_\_\_\_\_ Unit: \_\_\_\_\_

<http://www.USScouts.Org> • <http://www.MeritBadge.Org>

Please submit errors, omissions, comments or suggestions about this **checklist** to: [Workbooks@USScouts.Org](mailto:Workbooks@USScouts.Org)  
Comments or suggestions for changes to the **requirements** for the **award** should be sent to: [Advancement.Team@Scouting.Org](mailto:Advancement.Team@Scouting.Org)

- a. Explain the basic natural systems, cycles, and changes over time and how they are evidenced in a watershed near where you live. Include the four basic elements, land use patterns, and at least six different species in your analysis and how they have changed over time. Discuss both biological and physical components.
- b. Describe at least four environmental study areas near where you live. Include the reasons for selecting these areas, their boundaries, user groups, past inventories, any outside forces that interact with them, and a list of what things could be studied at each of them.

Name or Description of site

<input type="checkbox"/> 1.	
<input type="checkbox"/> 2.	
<input type="checkbox"/> 3.	
<input type="checkbox"/> 4.	

- c. Plan a field trip to each of the above areas, including detailed plans for conducting various investigations. Follow all of the requirements such as trip permits, safety plans, transportation plans, equipment needs, etc.

Date of Field Trip      Name or Description of site

	Date of Field Trip	Name or Description of site
<input type="checkbox"/> 1.		
<input type="checkbox"/> 2.		
<input type="checkbox"/> 3.		
<input type="checkbox"/> 4.		

- d. Do the following:
  - i. Under the guidance of a natural resources professional, carry out an investigation of an ecological subject approved by your Advisor. Inventory and map the area. Conduct a detailed investigation providing specific data for a specific topic.  
Topic:
  - ii. Teach others in your crew, another crew, a Cub Scout or Boy Scout unit, or another group how to carry out an ecological investigation. Use the steps in requirements (b) and (c) above with the group so that they may also learn by doing..

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**Important excerpts from the Guide To Advancement - 2015, No. 33088 (SKU-620573)****[1.0.0.0] — Introduction**

The current edition of the *Guide to Advancement* is the official source for administering advancement in all Boy Scouts of America programs: Cub Scouting, Boy Scouting, Varsity Scouting, Venturing, and Sea Scouts. It replaces any previous BSA advancement manuals and previous editions of the *Guide to Advancement*.

**[Page 2, and 5.0.1.4] — Policy on Unauthorized Changes to Advancement Program**

**No council, committee, district, unit, or individual has the authority to add to, or subtract from, advancement requirements.** There are limited exceptions relating only to youth members with special needs. For details see section 10, "Advancement for Members With Special Needs".

**[Page 2] — The "Guide to Safe Scouting" Applies**

Policies and procedures outlined in the ***Guide to Safe Scouting***, No. 34416, apply to all BSA activities, including those related to advancement and Eagle Scout service projects.