

**Performance Task Assessment List**  
**MODULE I: FINCHES ELECTRONIC JOURNAL**

<b>ELEMENTS</b>	<b>ASSESSMENT POINTS</b>			
	Points Possible	Self	Peer	Instructor
<b>Scientific Explanation:</b>				
1. Cause and effect relations and their connections are explicitly stated, rather than needing to be inferred.	10			
2. Each claim is supported by at least one piece of evidence. Evidence must be relevant to the claim.	10			
3. All evidence is justified. That is, justification is included that explains the relationship between the claim and the evidence.	10			
4. Alternative explanations for both questions are fully explored and presented.	20			
5. In the data log, data is categorized and graphs are interpreted using the notes box. Hypotheses are rated and explained	10			
<b>Demonstration of Content Knowledge :</b>				
1. Variation in the population is explicitly discussed in the explanation.	5			
2. The effect of environmental change on the finch population is explicit and includes: a) the environmental change and b) the effect the change has on the finch population.	10			
3. A specific trait (structure) in the birds is related to function.	5			
4. Change over time is demonstrated by showing a shift in the frequency of a trait in the finch population.	10			
5. Data: a) Valid inferences are made from the data. b) Multiple forms of data are used as evidence including field notes (behavior data), as well as tables and graphs (quantitative data).	10			

COMMENTS: