

Resilient Ecosystem Rubric




Assess the strength of your food web based on the statements below:

Even with the scenarios, the biodiversity of your ecosystem remains strong.

weak ————— strong

1 2 3 4 5

Even with the scenarios, organism populations remain balanced.

unbalanced ————— balanced

1 2 3 4 5

Even with the scenarios, the keystone species populations are able to thrive.

declining ————— thriving

1 2 3 4 5

Calculate your average score:

<p>3-6</p>	<p>Your ecosystem is not very stable, but it may still be possible to save. It might have low biodiversity levels, low population levels among certain organisms, or not enough pathways for energy to flow.</p>
<p>7-10</p>	<p>Your ecosystem has been impacted but is stable. There are still enough pathways for energy to flow and maintain the health of food webs. Your ecosystem has some biodiversity and most population levels among organisms stayed the same.</p>
<p>11-15</p>	<p>Your food web is resilient and strong! It has high levels of biodiversity, population balance, contains enough producers to protect the food web, and has many interactions to keep energy moving between organisms.</p>