

Name: _____

Reef Audio Survey Data Sheet

You are about to hear underwater audio recordings of the same reef at two different times - at a time when the reef was healthy in 2014, and at a later time in 2016 when the reef had been degraded and was unhealthy. Audio provided courtesy of Tim Gordon, University of Exeter.

Step 1: Listen to each of the audio recordings from the reef two or three times. As you listen to each recording, record as many observations of what you hear as possible in the appropriate space below.

Audio Recording #1: 2014	Audio Recording #2: 2016
Observations:	Observations:

Step 2: Describe any differences you noticed between the two recordings. Try and be as specific as possible. For example, if a particular sound is louder in one recording than in the other, describe the sound you heard, and explain how the loudness of that sound is different between the two recordings. Try to come up with at least three specific differences between the two recordings. *It's ok to go back and listen again to the recordings to help you gather information so you can be as specific as possible.*

Differences
Difference #1
Difference #2
Difference #3

Step 3: Now that you've finished making your observations, use your data to write a claim about whether recording #1 or recording #2 captured a healthier time on the reef. Justify your claim by citing and explaining specific evidence from the data you collected.

Claim:

Write one sentence that clearly states your conclusion:

Evidence, cite at least two pieces of information from the activity that directly support your claim:

Evidence #1:

Evidence #2:

Reasoning, explain how each of the previously cited pieces of evidence supports your claim in at least two to three sentences:

Reasoning for evidence #1:

Reasoning for evidence #2:

