# Lifeform Analysis Report

Astrobiologist _____ recently found life on _____ .

1. Name of lifeform found:

2. Picture of lifeform found: (may be a digital/hand drawn picture with labels, a detailed written description, or both)

3. Lifeform details:
How long does this lifeform live?

How does this lifeform reproduce?  (eggs, live birth, self splitting, etc.)

How often does this lifeform sleep?  How does it sleep?

How does this lifeform move?

How does this lifeform behave?  What is its personality like?

4. Habitat of lifeform:
Where was this lifeform found?  (provide description and picture with location circled)

Where does this lifeform make its home?  (burrow in the ground, float in the air, etc.)

5. Niche of lifeform:
How does this lifeform interact with others of its own species?

How does it communicate with its own species?

How does it communicate with other species?

Does this lifeform have a specific job that is needed for other species to survive?  (breathes nitrogen that other species eat, poop is used as a home for another species, etc.)


Is this lifeform a producer or consumer or decomposer?

If this lifeform is a consumer, is it an omnivore, herbivore, carnivore, something else?


6.  Describe the primary prey of this lifeform. (may be a digital/hand drawn picture with labels, a detailed written description, or both)


7.  Describe the primary predator of this lifeform. (may be a digital/hand drawn picture with labels, a detailed written description, or both)


8.  Show where this lifeform is found in the ecosystem's food chain. (may be a digital/hand drawn picture with labels, a detailed written description, or both)


9.  What cycles is your lifeform a part of?  (Ex: water cycle, hydrogen cycle, etc.)  Explain how your lifeform helps the cycle happen.

10. Other questions astrobiologists do not know the answers to yet, but research is currently being done to answer the following questions:
1.
2.
3.
4.
5.


Sources used to better understand the environment where this lifeform was found:
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