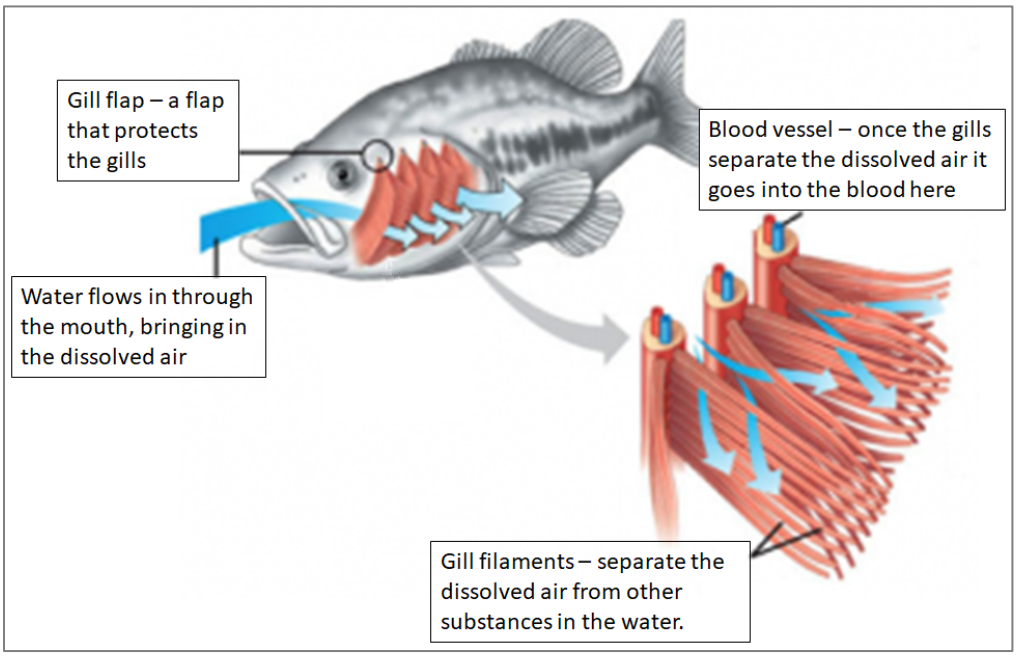
Evidence Set 2

Evidence 1: Algae on Fish

The scientists noticed that there were a lot of algae in the pond, so they wondered if some of it could have been making it hard for the fish to breathe.
Below is a diagram showing how fish breathe:



There are lots of places where the algae could have been stuck! The veterinarians at Rutgers examined the fish more closely to see if they have algae in or on their body. Here is the report:

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Date: 07/28/2019 Investigating Agency: Marine Biology Dept.; Rutgers University
Case #: 889653 Officer: Lucia Pasco Specialist: Dr. May M. Dougim
Color: Green Male/female: 4 females, 6 males Species: mixed

Summary of Examination

Algae found on/in:

Throat: Minimal – not enough to block breathing

Gill flap: Minimal – not enough to block breathing

Gill filament: None

Blood: None

Signature: *M.M. Dougim*
Doctor of Marine Biology

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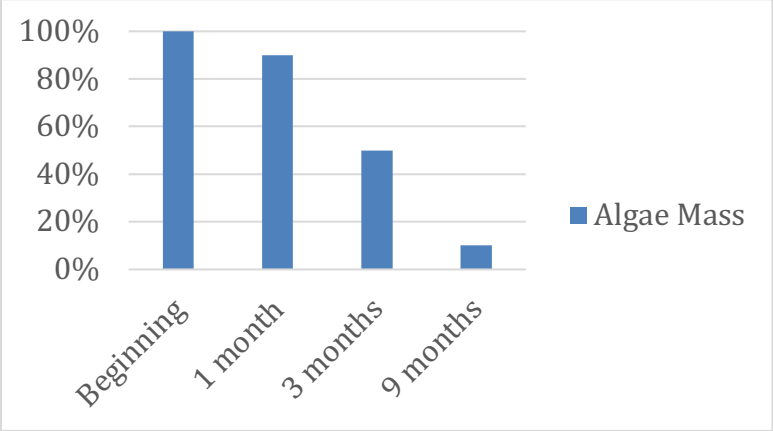
Evidence 2: Algae from a Pond

The scientists noticed that after the algae started growing in the pond some of it got brown and rotten.

When they looked at algae from the pond through a microscope. They saw little living organisms on it. They wondered if these organisms were doing anything to the algae. To investigate, they checked the weight of the algae for 9 months and recorded the data in the following table:



Every time they checked the weight of the algae, they also looked at it through a microscope. They noticed that over time there were more and more little living things all over it.

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Evidence 3: Leaves from a Park

A study done by botanists (scientists who study plants) examined what happens to leaves that fall to the ground in the autumn. Below is a data table showing observations of one dead leaf with the naked eye and with a microscope. Observations of the leaf were done every 3 weeks.

Week	Picture – one leaf	Naked Eye	Through a Microscope
Week 1		The leaves look mostly yellow, with some green parts. The leaves are still flexible, and the leaves do not break easily.	There are a few microscopic living organisms on the leaves
Week 3		The leaves are darker, with many brown spots. The leaves are dry, and it is easy to break them in half.	There are microscopic living organisms all over the leaves.
Week 6		The leaves are all brown, and many of them have some holes. They easily crumble apart.	There are more microscopic living organisms all over the leaves.
Week 9		The leaves are all brown and all of them have holes or large pieces missing. They easily crumble apart.	Whatever is left of the leaves is covered in microscopic living organisms.