

My Ocean Book on Blow Fish





Hello fellow students. My name is **Dannika** and I'm a 5<sup>th</sup> grade student at an elementary school in Watsonville. I'm in a special class where we are learning about *oceans* and I'd like to share with you about what *oceans* are, how *important* they are, and an *animal* of particular interest to me, is the Blow Fish.



*About me...*

But before I start my book, I'd like to share with you about some of my favorite things.

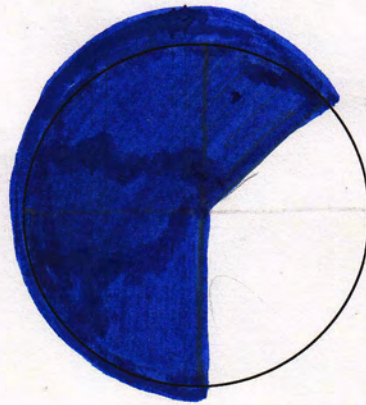
What I like to do is draw, make  
Stones and do art. I'm excited about  
getting a chance to publish one  
of my books! I also like animals too.



Okay, now I'm ready to write about what oceans are, their importance, and facts about one of my favorite animals, the Blow Fish!



First, *oceans* are essentially the largest ecosystem on planet earth, covering 67% of earth's surface. This can be demonstrated in the following ways below:



pie chart

percentage

67%

fraction

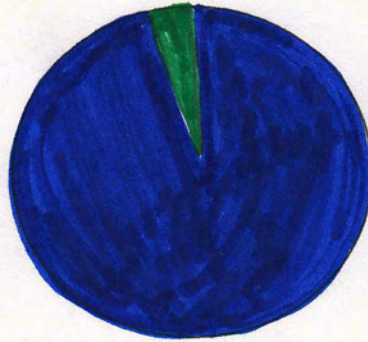
$$\frac{67}{100}$$

decimal

0.67



Second, since 97% of Earth's water is salt water, only 3% is fresh water. This means we must *all* make efforts to conserve and protect this vital resource.



pie chart

percentage

97%

fraction

$\frac{97}{100}$

decimal

0.97



Third, we are very fortunate to literally have the ocean so close to us. The ocean serves many *important* purposes, such as:

The ocean animal I'm writing about, fishing for sea food, and other amazing creatures.



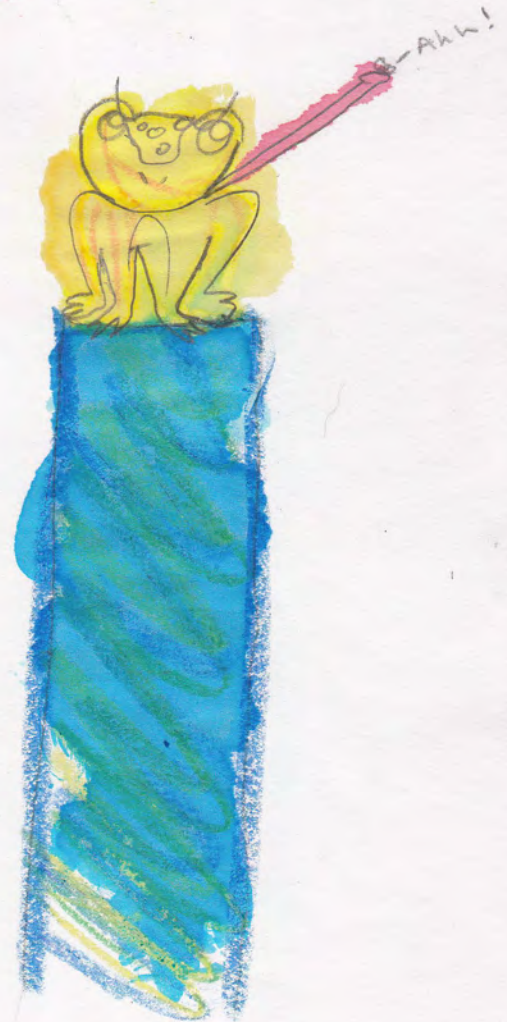


Fourth, there is a particular *animal* of interest to me, namely the Blow Fish. I chose this *animal* because it was the second most poisonous animal in the world! The first is the Golden Dart Frog.

POISONOUS  
ANIMALS

1

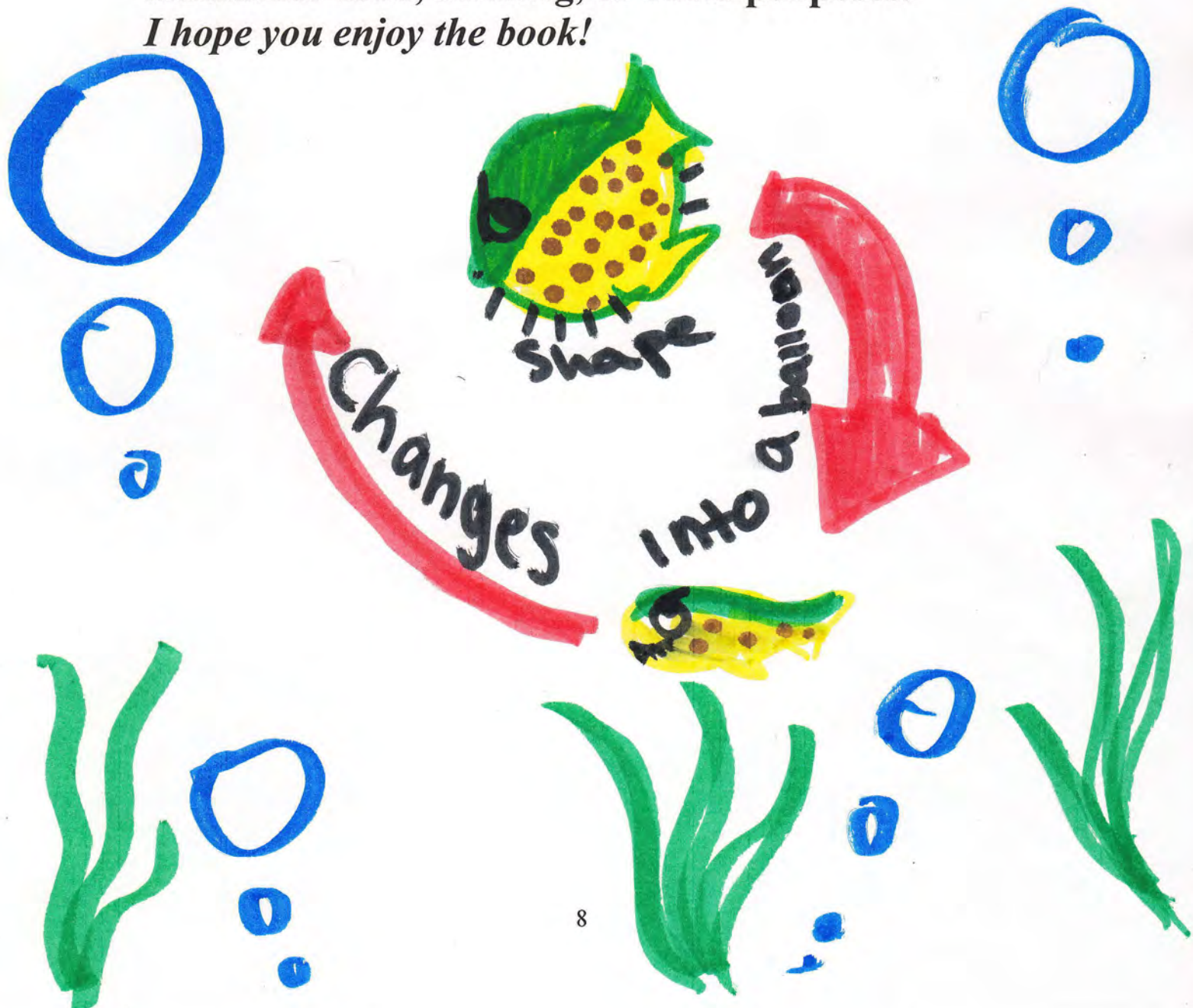
2<sup>nd</sup>





In the following paragraphs, I will briefly discuss what I researched about my animal of interest, the Blow Fish. I will cover the following: classification, common name, scientific name, physical characteristics, behavior, if the animal camouflages, adaptations, range, migratory, population, status, reproduction, habitat, prey, predators, where animal fits in food web, and whether the Ohlone Indians used the animal for food, clothing, or other purposes.

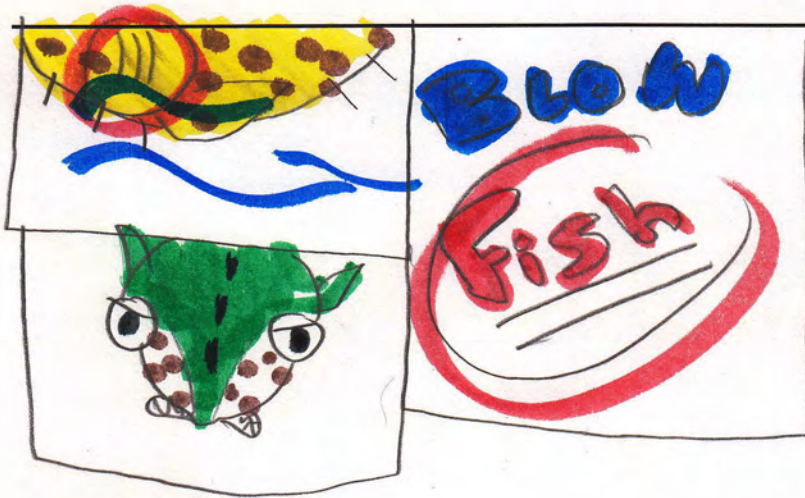
*I hope you enjoy the book!*





## Classification

The Blow Fish is a Vertebrate because it has a backbone. It is classified as a fish because it has the name fish in it and it has gills and breathes under water.



## Names

The Blow Fish has two names. The common name is the Blow Fish / Puffer Fish, and the scientific name is Tetradontidae.

In science, the *scientific name* is the genus and species of the animal or plant.



*Physical characteristics... my animal looks like...*

My animal's skin has thick, leathery skin, and does not have any scales. They have small mouths, fins, and spines deep down in their pores. They can be a color brown, grey, yellow, blue and white. Their sizes are, 17cm-60cm, length (7in-24in) 3-20in. but others grow to 3 ft.



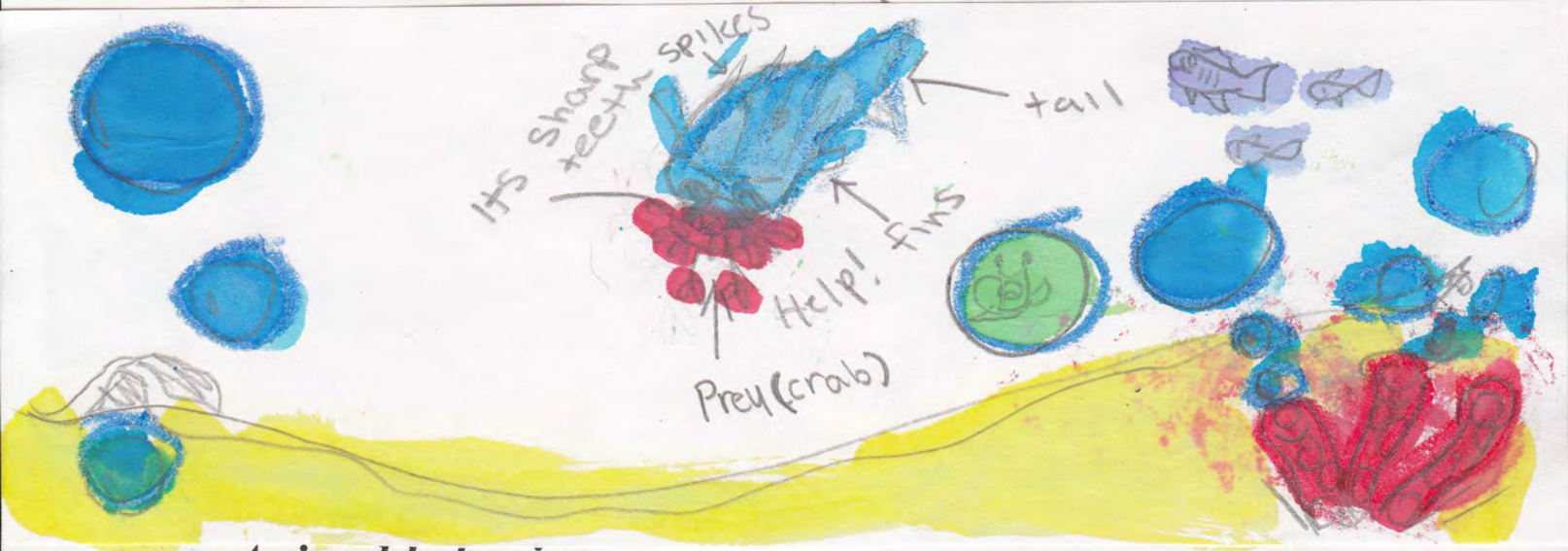
*Camouflage...does my animal blend into its environment?*

After looking at my animal and reading more about it, I realize that it does. My animal can change their skin patterns to match their environment around them. Meaning, it camouflages.



## Adaptations

My animal is unique because when it  
hunts, it uses its razor, sharp, small  
teeth to grip its prey. It likes  
to grip their prey REALLY hard  
with their heavy teeth.



## Animal behavior

The way I would describe the behavior of my  
animal is aggressive. My animal is  
VERY aggressive towards one  
another. Especially about their  
territories.



## *Range*

The Blow Fish is found in Japan,  
Florida, and in Hawaii, also including  
Korea.



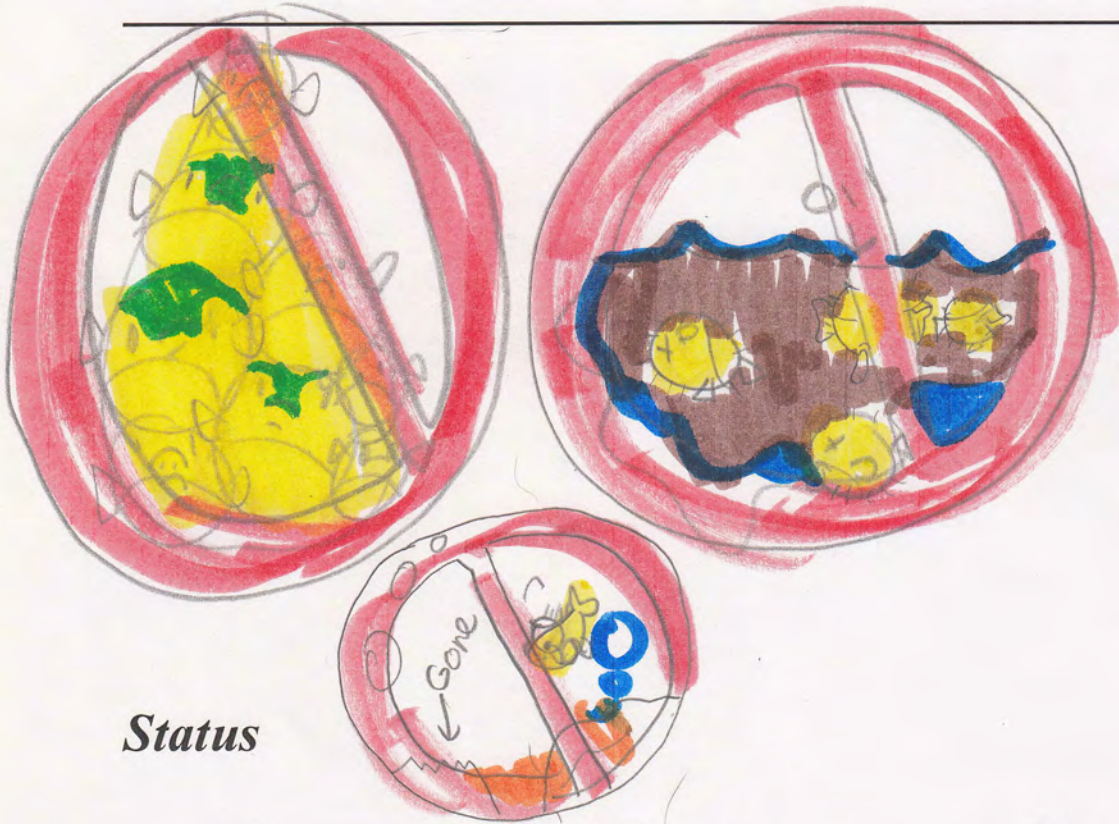
*Migratory...does it travel from one location to another during seasons?*

The Blow Fish indeed migrate. For  
example, the fish it migrates to  
the Northern waters and Southern  
warmer waters in a very LARGE  
compact. (compact is when it's in a group)



## Population

The population of my animal is 305



## Status

The status of the Tetraodontidae tells me whether it is endangered, threatened, or stable. What I found out is that the blow fish is endangered. I find this interesting because we can put a stop to this for the 185 other species that are endangered by, stop over fishing, pollution, and loss of their habitat.



## Reproduction

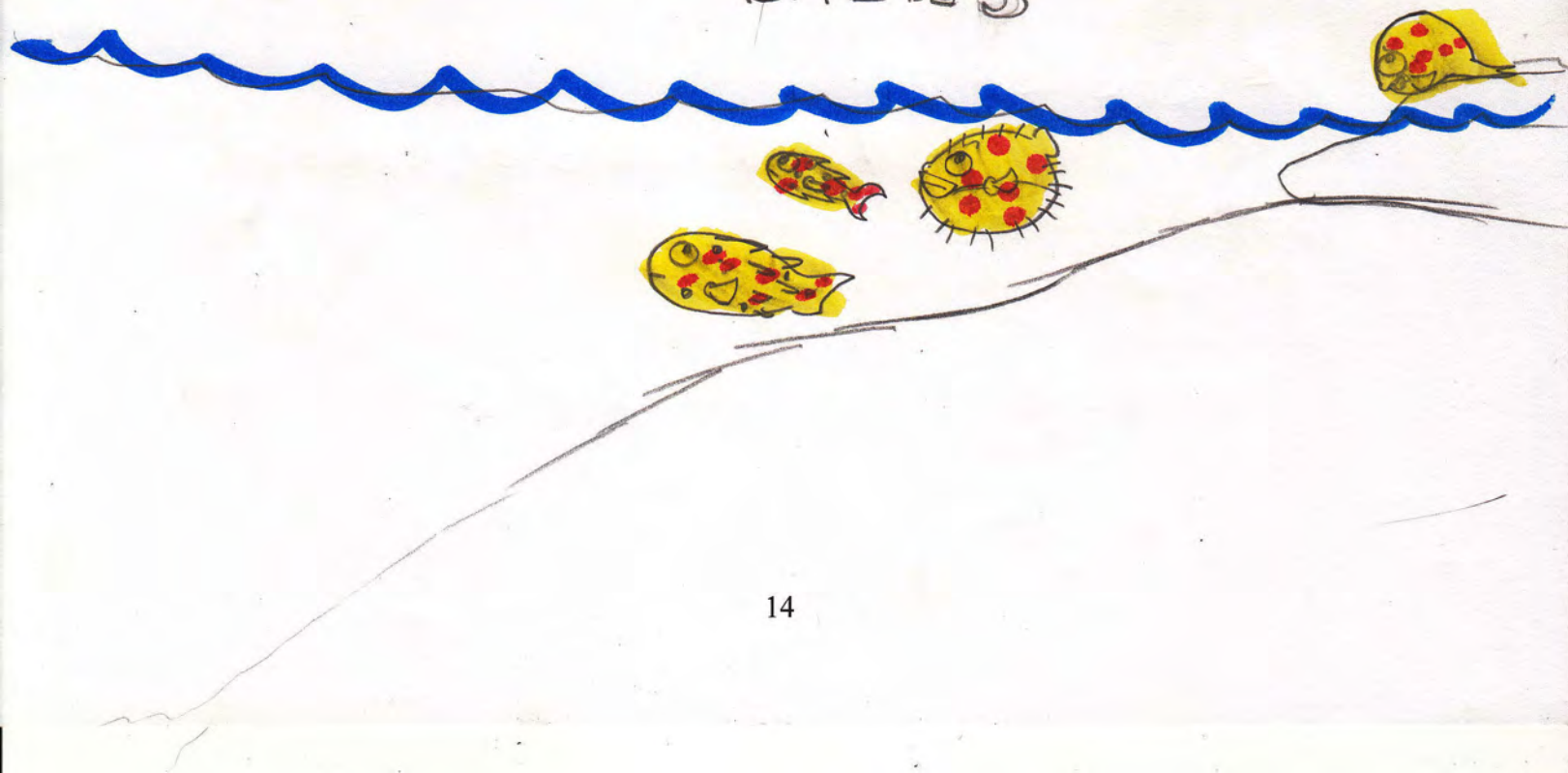
The reproduction of the Tetraodontidae is she lays eggs (3-7) and they are a sphere shape. The eggs hatch in four (4) days. The babies look yellow with red spots. The female is pregnant for 50-70 days.



## Habitat...home

The Blow Fish's habitat is in warm water. Most varieties of Puffer Fish live in Tropical Regions and in warm coral reefs in warm waters located in waters. But others live in the cold, salty ocean water, but some live in fresh water.

## BABIES





***Prey and predator...(to eat and to be eaten)***

**The prey my animal eats are:** clams, crabs,  
snails, urchins, mollusks and other crusta-  
cean animals.

**My animal eats other things such as:**  
invertebrates, shell fish and algae.



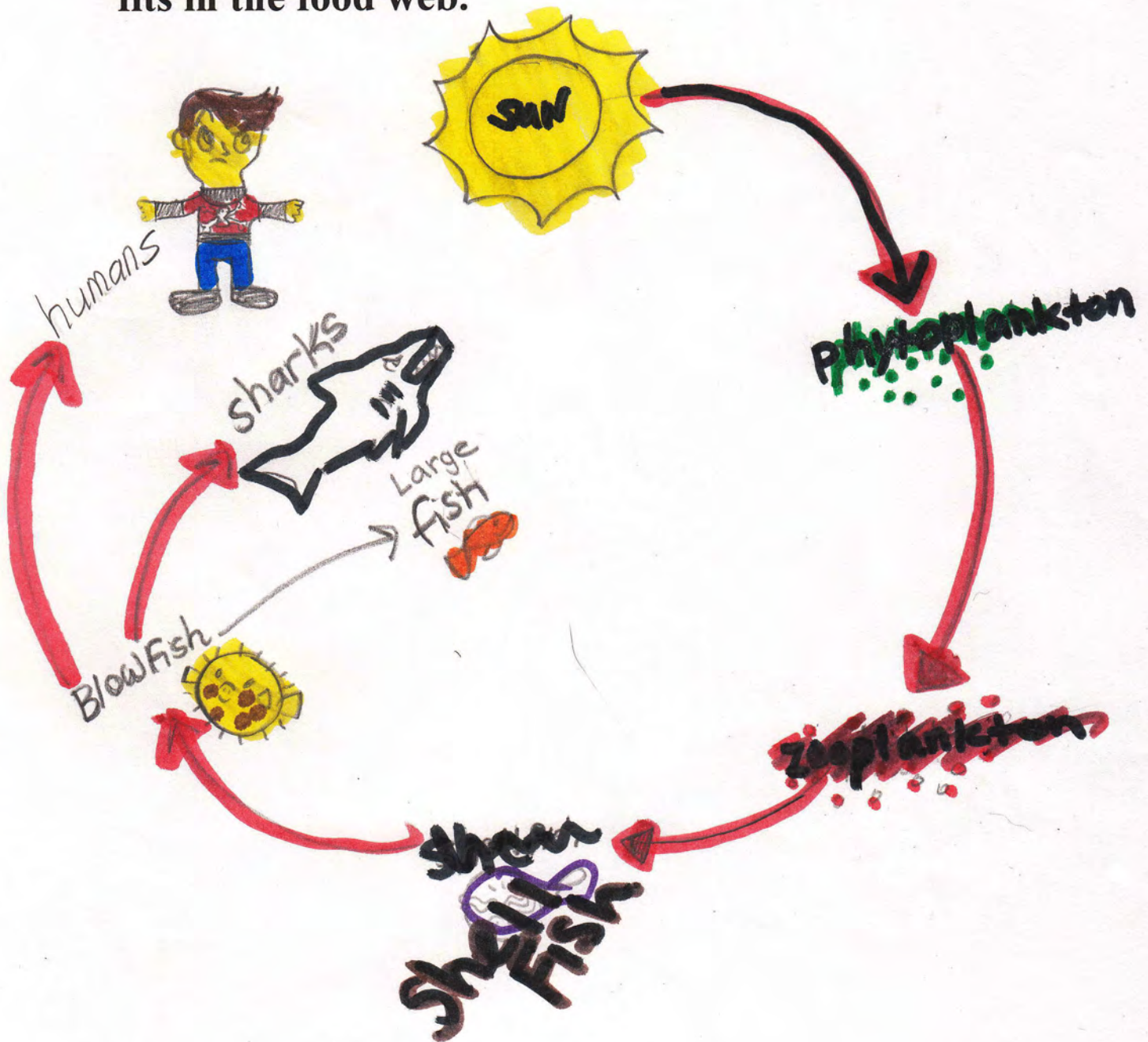
**The predators that eat me are:** humans,  
Sharks, and other large fish.





## Food web

My animal is an omnivore. The following picture demonstrates where my animal fits in the food web.





## *Ohlone Indians*

I'm curious to see if the Ohlone Indians used the Tetradontidae in anyway, for example, for food, clothing, or for other purposes. What I discovered was nothing.

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Nothing?



## References

(books, articles, web-sites, etc. )

[www.noaa.gov](http://www.noaa.gov)

Taylor life science . Pbworks . Pbworks . com

A-Z animals . com / animals / Puffer-fish

[www.helium.com](http://www.helium.com)

[www.ehow.com](http://www.ehow.com)



Thank you for reading my book. I hope you enjoyed it and learned a lot about the Blow Fish. Please feel free to *comment* about my book and also, test your knowledge by answering the following *questions* below. I look forward to hearing from you.

Comments for me:

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Questions for you: *(See if you can answer these?)*

1. What is the scientific name for the Blowfish?
2. How long is the female Puffer fish pregnant?
3. Does the Blowfish have teeth?