

MARIAH REEL

BONEY FISH AND OTHER INFORMATION 🐟🐠

SALT OR FRESH?

- Salt water has a _____ salt balance, so they have to be able to absorb salt from the water.
- Fresh water has a _____ salt balance, which is why they live in freshwater.



Osteichthyes "Boney Fish"

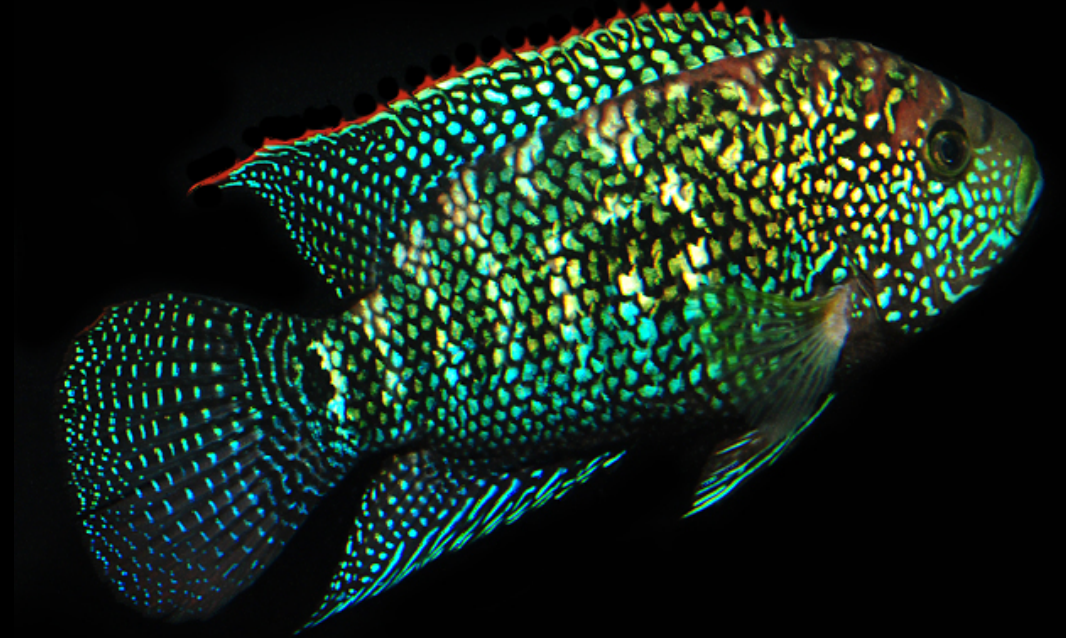
- Osteichthyes includes the largest number of living species of all scientific classes of vertebrates, more than _____ species.



- Osteichthyes account for about _____ of all fish species. Fishes not included in the Osteichthyes are the Chondrichthyes (sharks and their relatives), the Myxini (hagfishes), and the Cephalaspidomorphi (lampreys).

Boney Fish

- More than _____ species of bony fishes have been documented. It's likely that many more, including some deep-sea species, have yet to be identified
- Bony fish can be found in bodies of water all over the world, in many different environments, from _____ seas to _____ rivers to _____ springs.
- Some bony fish live in _____, some live in _____, and some live in _____ water (water that is salty, but not as salty as seawater).

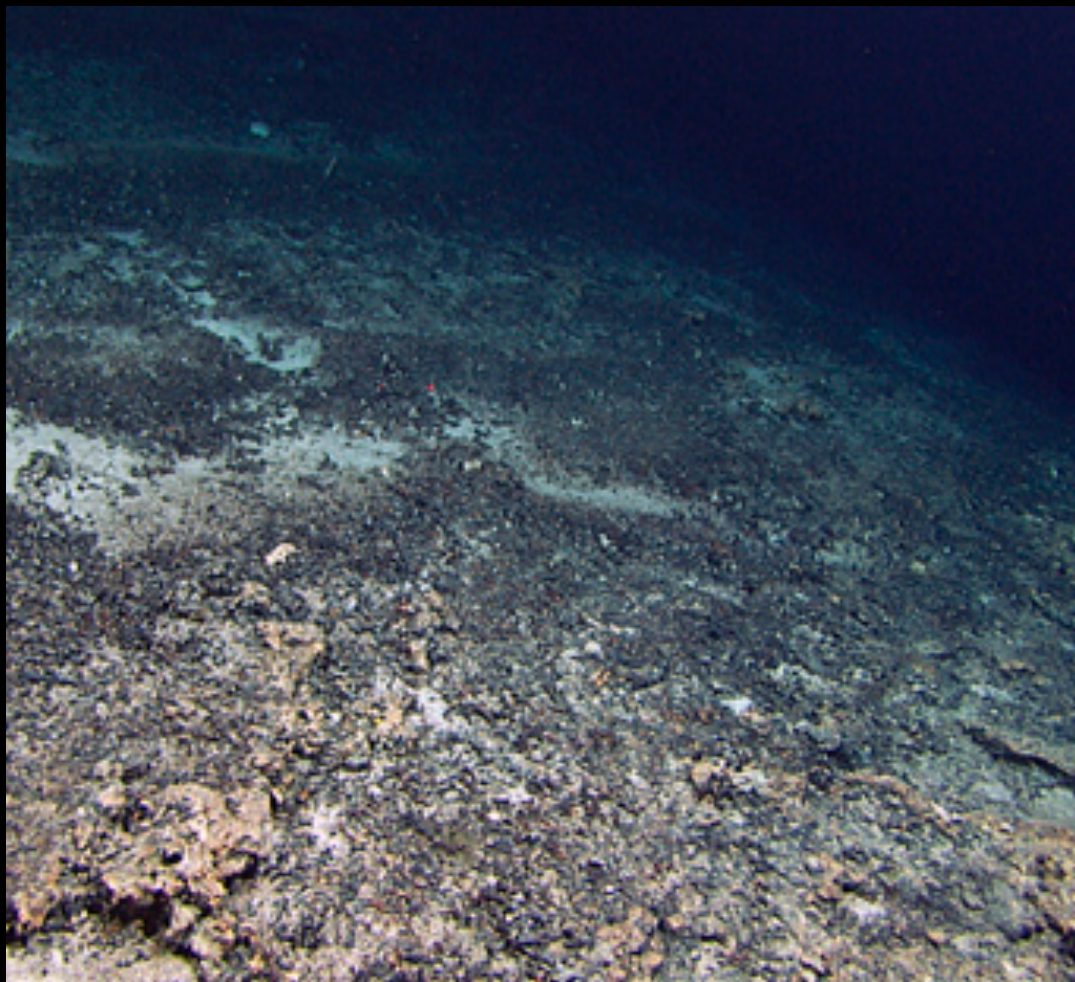




FUN FACTS ABOUT BASS

- Male bass bump into females to stimulate the _____ of eggs.
- The bigger the bass, the _____ they spawn.
- Males builds the _____ and protects the eggs.
- Small mouth bass is not actually a bass, it's apart of the _____ family.

Coral



- Coral polyps are tiny, soft-bodied organisms related to _____ and _____.
- Reefs begin when a polyp _____ itself to a rock on the sea floor, then divides, or buds, into thousands of clones.
- As colonies grow over hundreds and thousands of years, they join with other colonies and become reefs. Some of the coral reefs on the planet today began growing over _____ million years ago.

- Coral polyps are actually translucent animals. Reefs get their wild hues from the billions of _____ zooxanthellae algae they host.
- When _____ by such things as temperature change or pollution, corals will evict their boarders, causing coral bleaching that can kill the colony if the stress is not mitigated.
- Scientist have discover that many parts of the coral reef can be collected to make _____ to treat cancer and other illnesses



MARINE FISH

- Many fish can _____ sex during the course of their lives. Others, especially _____ deep-sea fish, have both male and female sex organs.
- More species are found on _____ reefs than any other aquatic environment.
- Of an estimated _____ marine fishes, perhaps as many as _____ occur on coral reefs or nearby inshore habitats.



FRESHWATER FISH



- Their gills must be able to diffuse dissolved _____ while keeping the salts in the body fluids inside.
- Their scales reduce water _____ through the skin: freshwater fish that have lost too many scales will die.
- They also have well developed _____ to reclaim salts from body fluids before excretion.



FUN FACTS

- **SOME FISH, LIKE THE TRIGGERFISH, CAN SWIM BACKWARD**
- **MOST BRANDS OF LIPSTICK CONTAIN FISH SCALES.**
- **MANY FISH CAN TASTE WITHOUT EVEN OPENING THEIR MOUTHS.**
- **GOLDFISH CAN SEE INFRARED RADIATION THAT IS INVISIBLE TO US.**
- **ONE PUFFER FISH CONTAINS ENOUGH POISON TO KILL 30 PEOPLE.**
- **IF YOU KEEP A GOLDFISH IN A DARK ROOM, IT WILL LOSE ITS COLOR.**
- **THOUSANDS OF MARINE CREATURES DIE BY MISTAKENLY SWALLOWING PLASTIC BAGS THAT RESEMBLE JELLYFISH**

