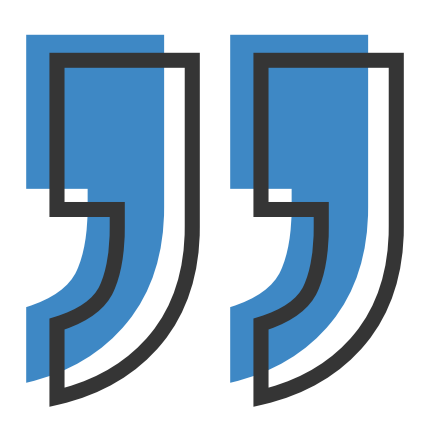


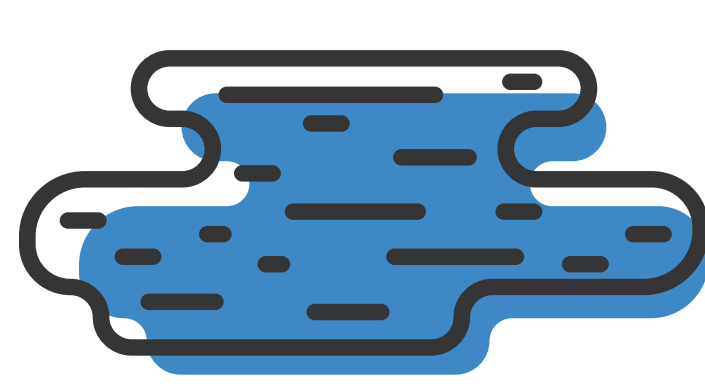


Fish Are Going Extinct - Because of Humans



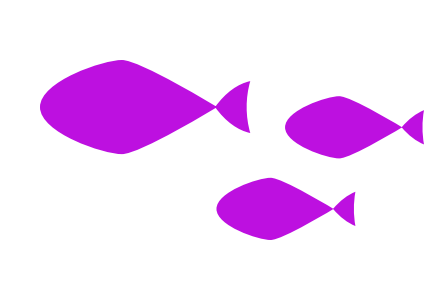
URGENT

- According to National Geographic, if humans fail to take **urgent** actions now, "seafood may disappear by 2048."



EXTINCTION

- 80 species of freshwater fish, 16 of them in 2020 alone, were declared extinct by the IUCN Red List of Threatened Species.
- Since 1970, migratory freshwater fish populations have fallen by 76% and mega-fish by a catastrophic 94%"

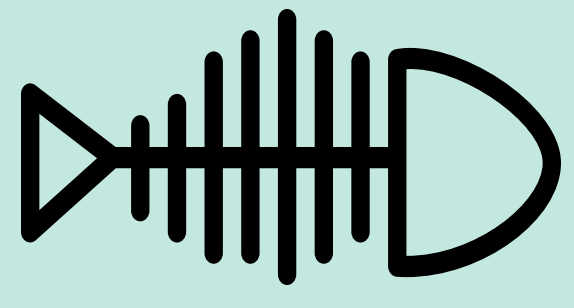


Smooth handfish

- The **Smooth Handfish** (*Sympterygion unipennis*) is one of the species that went **extinct** in 2020.



Why are Fishes going Extinct?

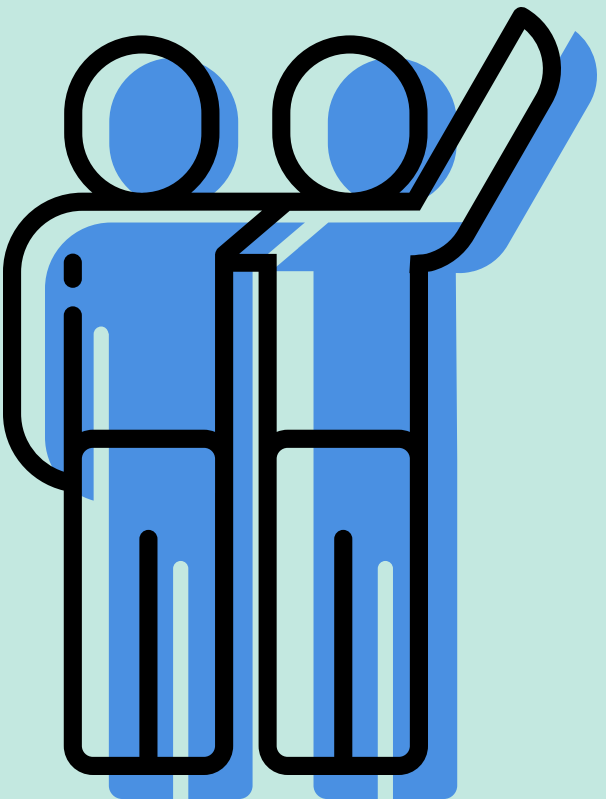


There are many causes for marine life extinction, such as: Overfishing, Pollution, Global Warming (rising sea temperatures), Habitat Destruction, Harmful Fishing Techniques and Introduced Species.

Main Cause:



Overfishing is the main cause for fish extinction; it is responsible for the death of almost "0.97 to 2.7 trillion" wild fish every year - not counting the other billions (fishes) that are farmed."



What can WE do to help?

It is important to emphasise the importance of the "WE" as this change can only take place if all of us work together:

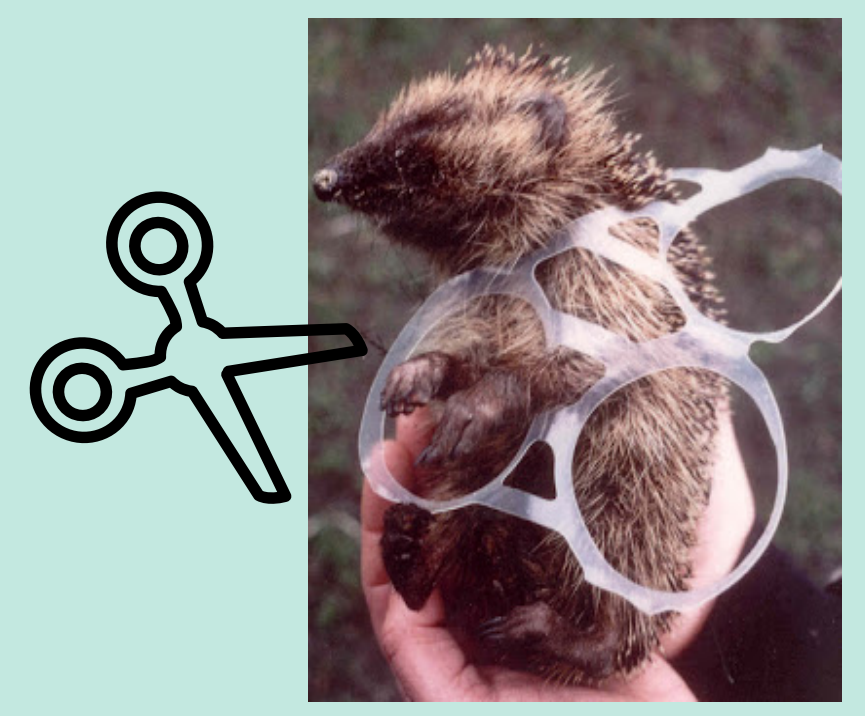
APRIL'S 5 SUSTAINABILITY KEY TIPS

1 Stop littering! You can use this approach both inside and outside your homes. For example, when travelling, try to find ways of picking up trash from the ground (might be the sea or forests) then throw them away in the correct bins. By doing this, you will help to prevent that garbage from destroying different ecosystems and their animals (might be marine or land species).

2 Stop releasing plastic balloons in the air as they can travel hundreds of Kilometres before popping and falling on to the ground. By travelling these great distances, balloons pollute very untouched and remote locations. Plastic balloons are usually bright; their festive colors are known to kill the animals (Eg: fish and turtles), at the places they litter, by tricking them into thinking its vibrant colors are food sources.

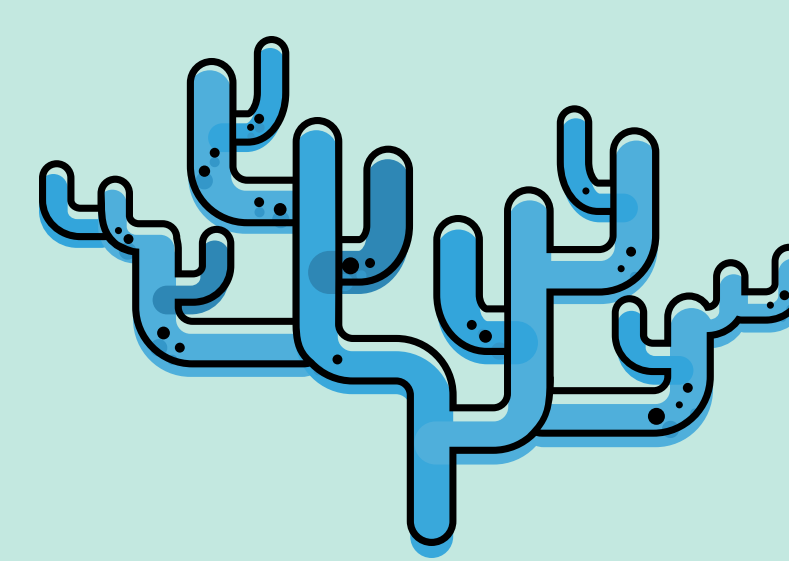


3 When disposing of 6-pack (or more) ring holders, do not forget to cut them as they hold the risk of entangling fish and other marine animals. Do this to prevent animal injury which can lead to death.



4 You can help (donate) campaigns that help the cause, such as:

- Canadian Wildlife Federation
- Greenpeace Canada
- World Wildlife Fund
- Environmental Defence Fund
- Sea Shepherd Conservation Society



5 Make smart consumer choices:

- Try to only buy, or prioritise, the seafood that has the Marine Stewardship Council sustainable seafood seal of approval on it. -->
- Buy from local fish farmers instead of larger scale industries (use destructive and invasive techniques).
- Do not forget to ask the restaurant you are at if the fish and other types of seafood on their menu are 'sustainable' (caught using sustainable means), try to avoid those that are not.
- There are Apps and websites that you can use as seafood guides, like the **Seachoice** and **Seafood Watch** pocket guides, that help you make the best seafood choices at restaurants and supermarkets. Plus, "they are specific to where you live so the information is accurate."



EXTRA TIP SIGN PETITIONS

Petitions are simple, free and very effective ways of helping any cause. Research a few Petitions, and for the ones that appeal to you, sign them.

Example: the Blue Ocean website (<https://blueocean.net>) has many different petitions. Check them out!!

SUSTAINABILITY Reminder

Collecting water bottle caps is of great importance and usefulness as there are two school projects that need them:

- Projeto Amor Rosa
- Patinhas Parceiras

(when school returns you can give the caps to Nina Pastore (@np1@stpauls.br))



<https://www.news4jax.com/weather/2021/03/08/thousands-of-freshwater-fish-going-extinct/>

<https://therevolutionmovie.com/index.php/open-your-eyes/overfishing/solutions/>

<https://www.forbes.com/sites/michaelpellmanrowland/2017/07/24/seafood-sustainability-facts/?sh=49215bfe4bbf>