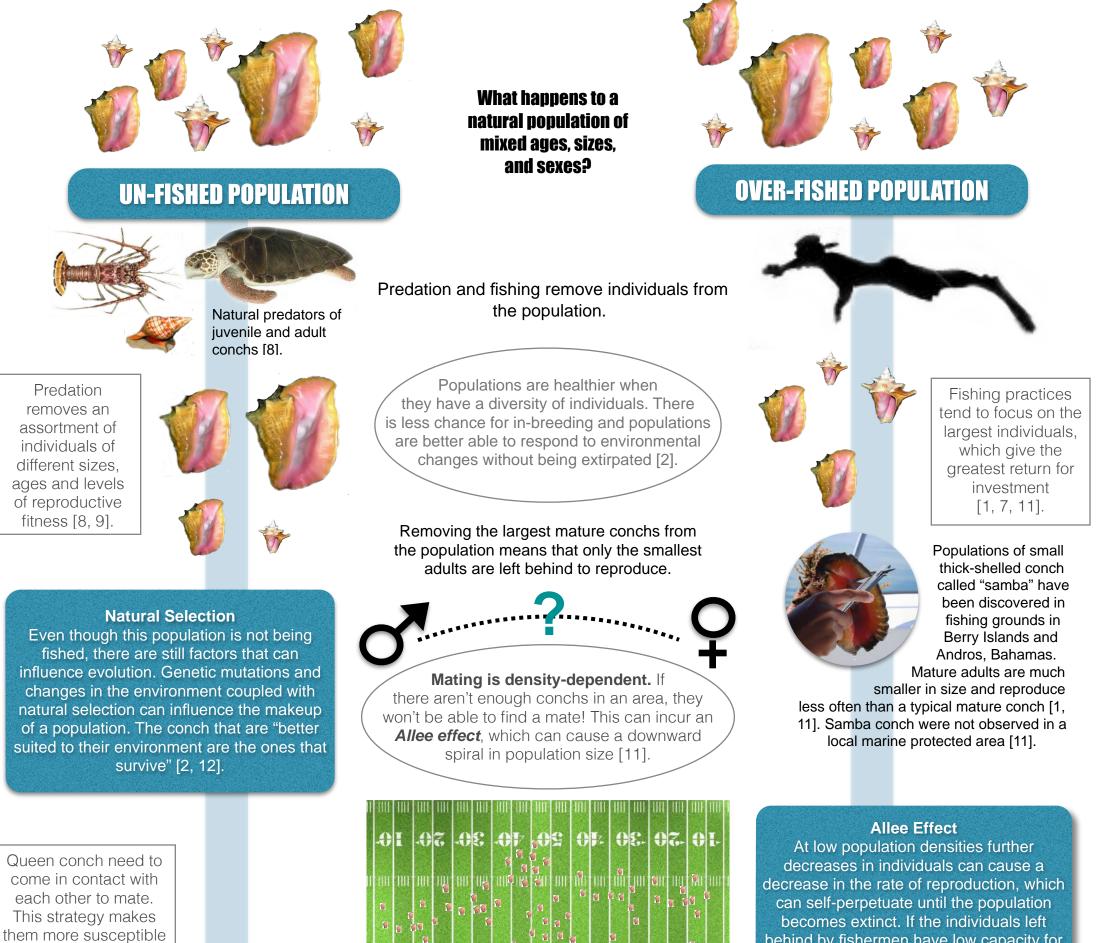
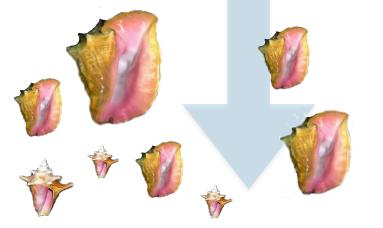
How Fishing Pressure Can Influence the Evolution of Queen Conch

The queen conch (*Strombus gigas*) is a gastropod mollusk found in the western Atlantic Ocean. Queen conchs play an important role as herbivores in the marine environment. They are also culturally and economically important to countries like The Bahamas who rely on them for food and other products. Queen conch are currently listed as Appendix 1 - endangered on the Convention on International Trade of Endangered Species list [3]. It is important to understand how human actions can impact conch populations so that we can promote sustainability and mitigate for any negative effects.



to factors that can reduce offspring survival [11].

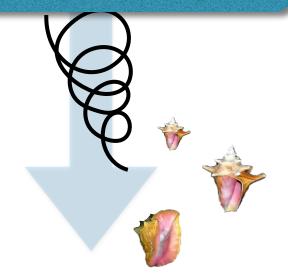


A minimum of 56 mature conch per hectare is required for there to be a chance for mating success [10, 11]. A football field is approximately two hectares.

Smart and sustainable fishing practices can help avoid the Allee effect and ensure that there will be populations of conch for future generations to enjoy [6].

Which future do you want to see?

reproduction this further impacts the population [4, 5, 11].



References

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For full citations see: Patterson, O. (2014). Impact of Fishing Pressure on Evolution of Queen Conch (*Strombus gigas*). PRJ. 2014 WBLC Issues in Evolution (IEV) 10.