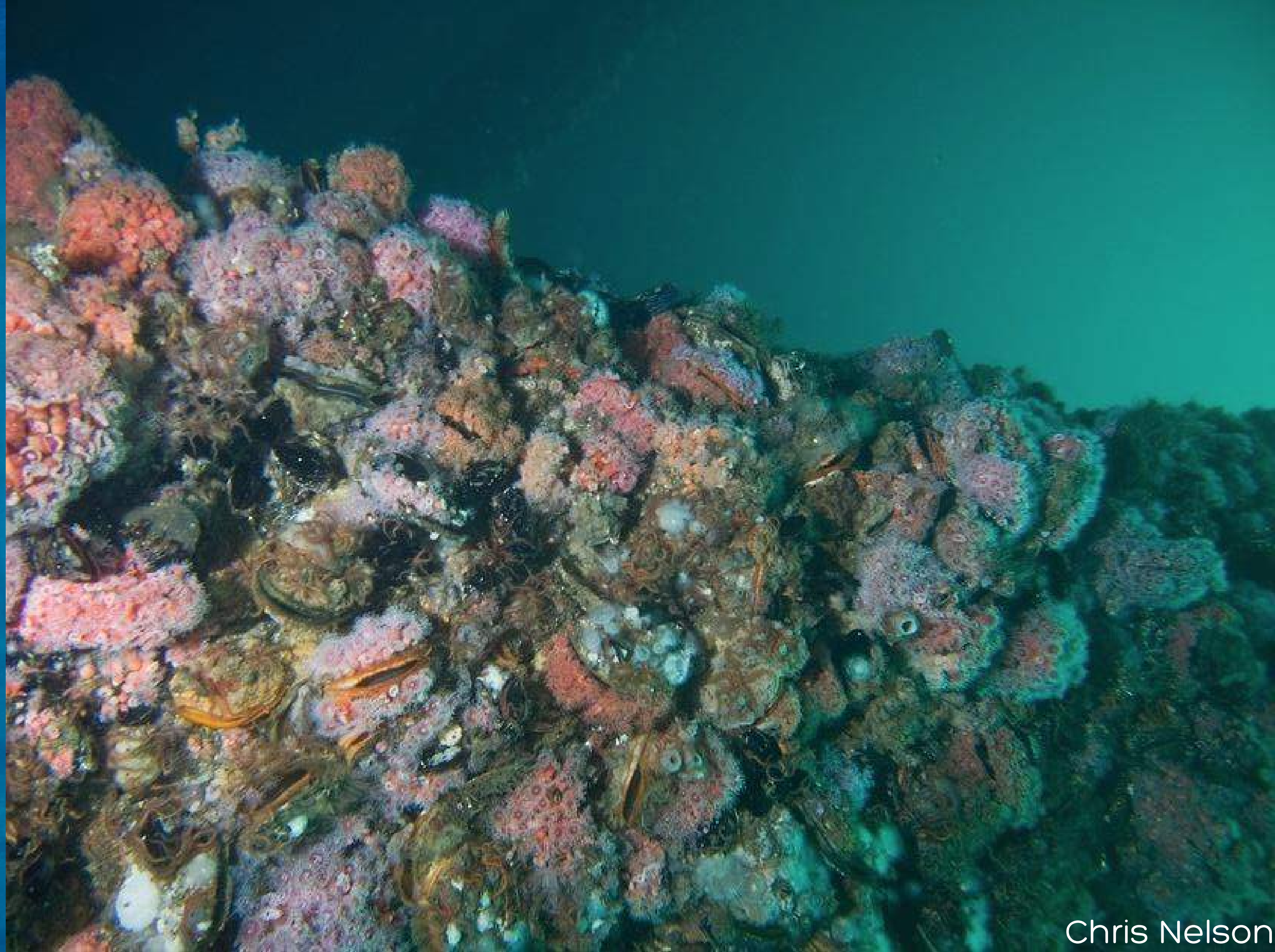


STEPPING INTO A SCALLOP'S SHELL:

Can urchin-processed particulate
organic matter aid in conditioning
rock scallop broodstock?

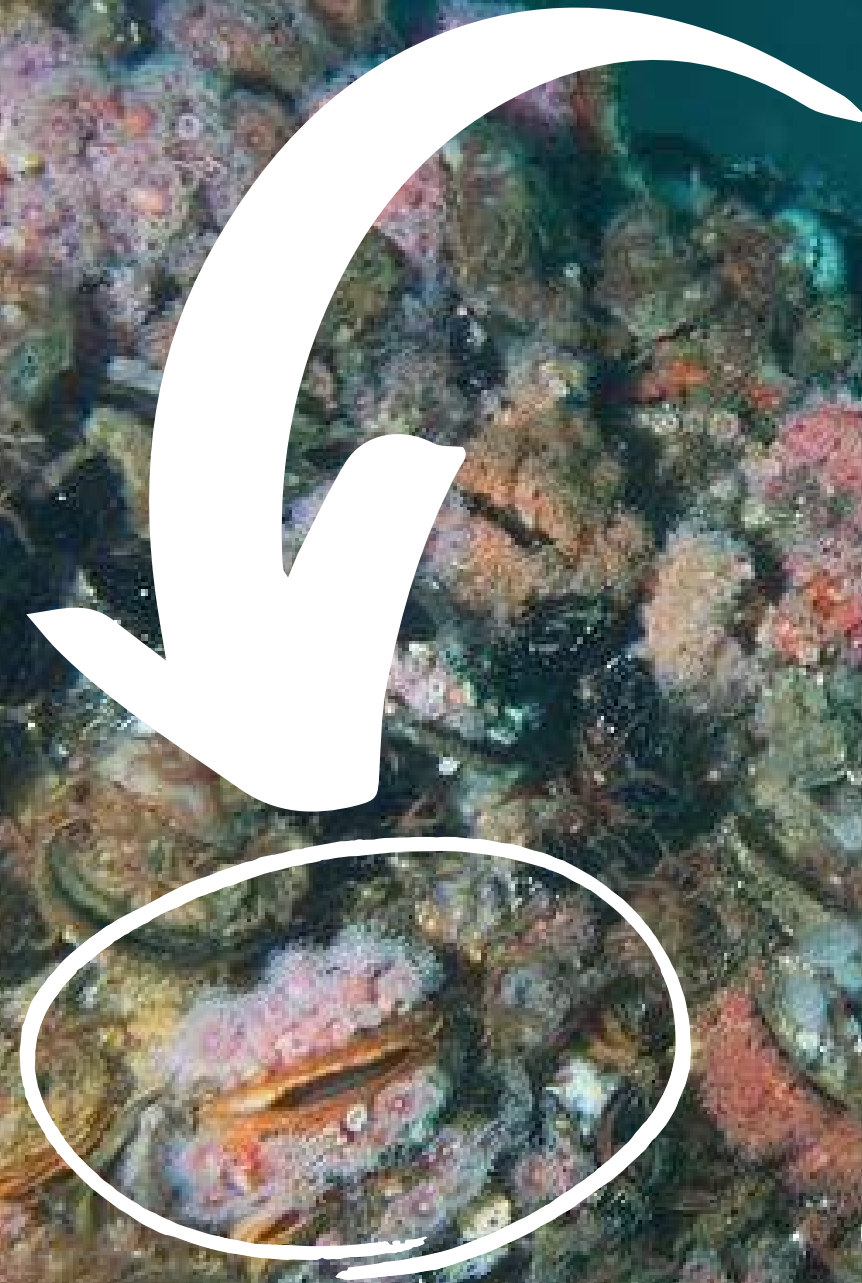
Presented by Lauren Jennings
Culver Lab, California Sea Grant, UCSB





Chris Nelson

ROCK SCALLOP





PLANKTON = FOOD



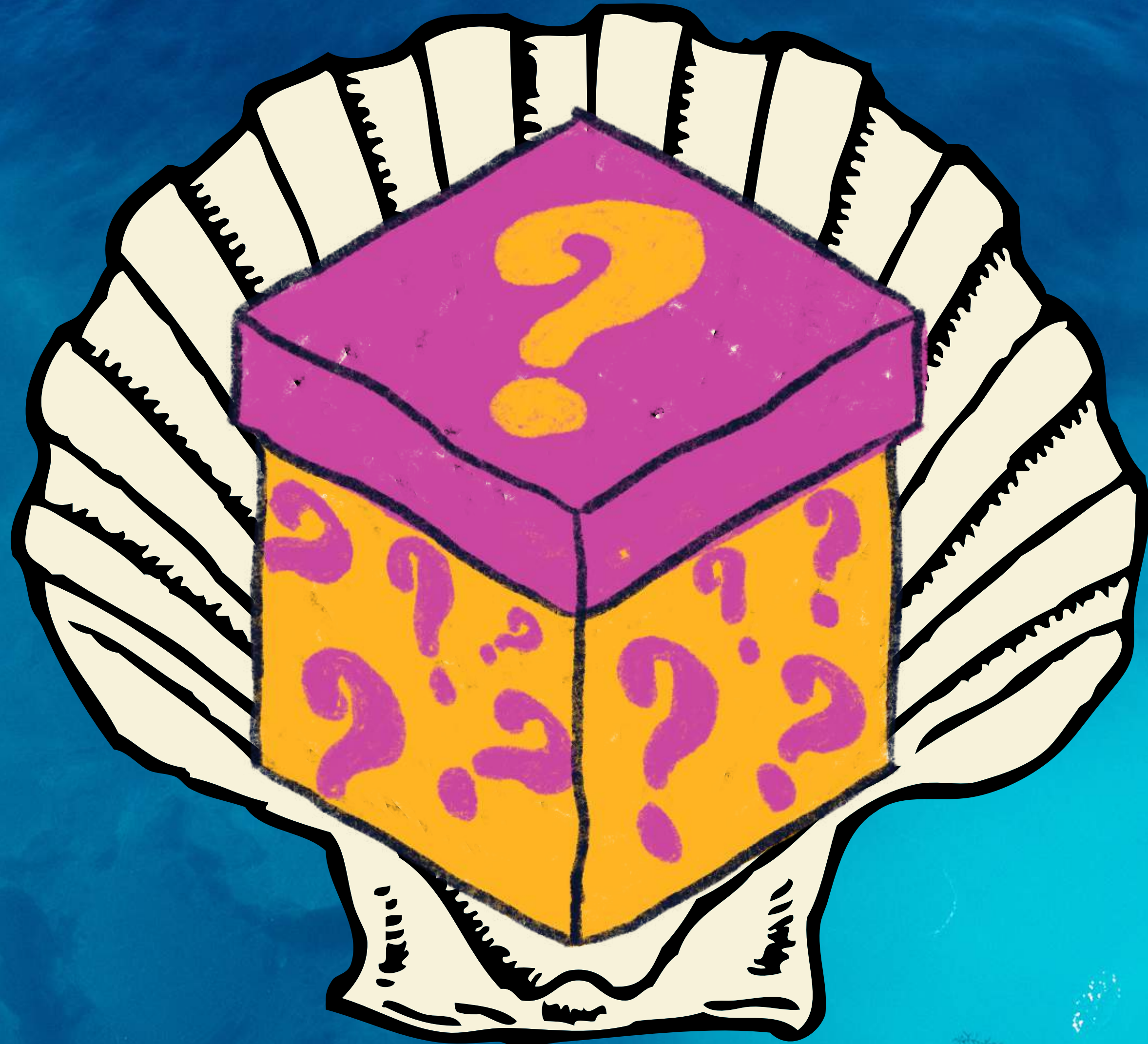


AHHH!
PLEASE
SAVE ME :(



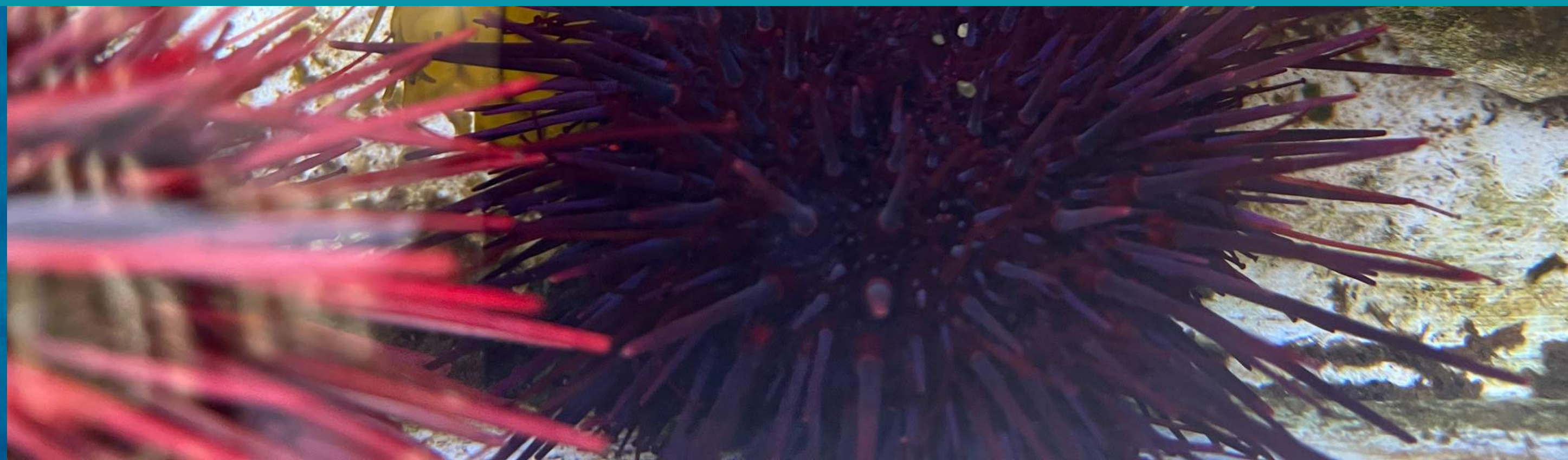








SEA URCHIN POOP?





ReefCause

POM= PARTICULATE ORGANIC MATTER

**GOAL: REPLICATE THE
OCEAN IN AN
AQUACULTURE SYSTEM**



GROWTH



BROODSTOCK

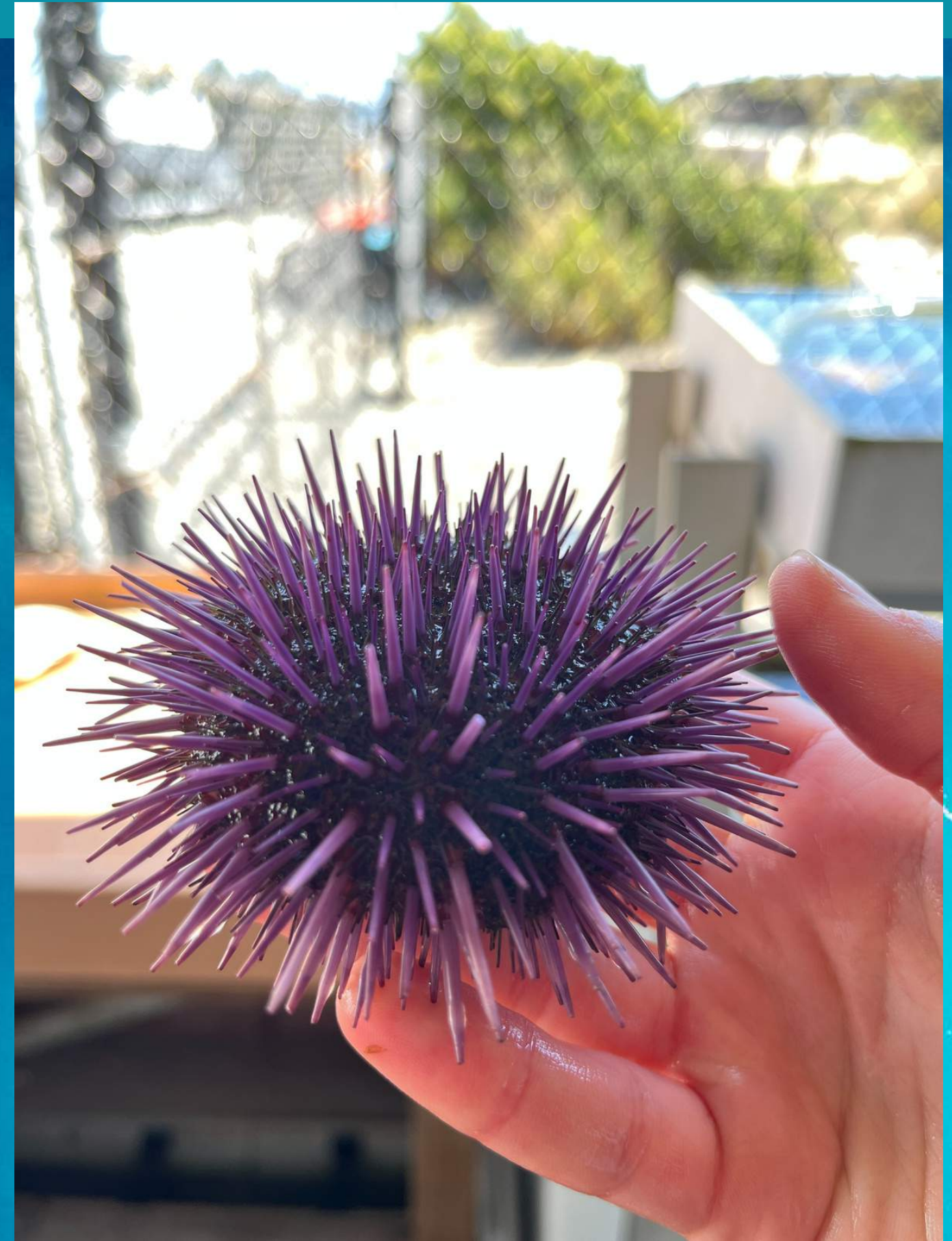
GIANT ROCK SCALLOP

Crassadoma gigantea



PURPLE SEA URCHIN

Strongylocentrotus purpuratus





Brian Skerry

POLY CULTURE



ADD URCHINS

Brian Skerry

POLY CULTURE

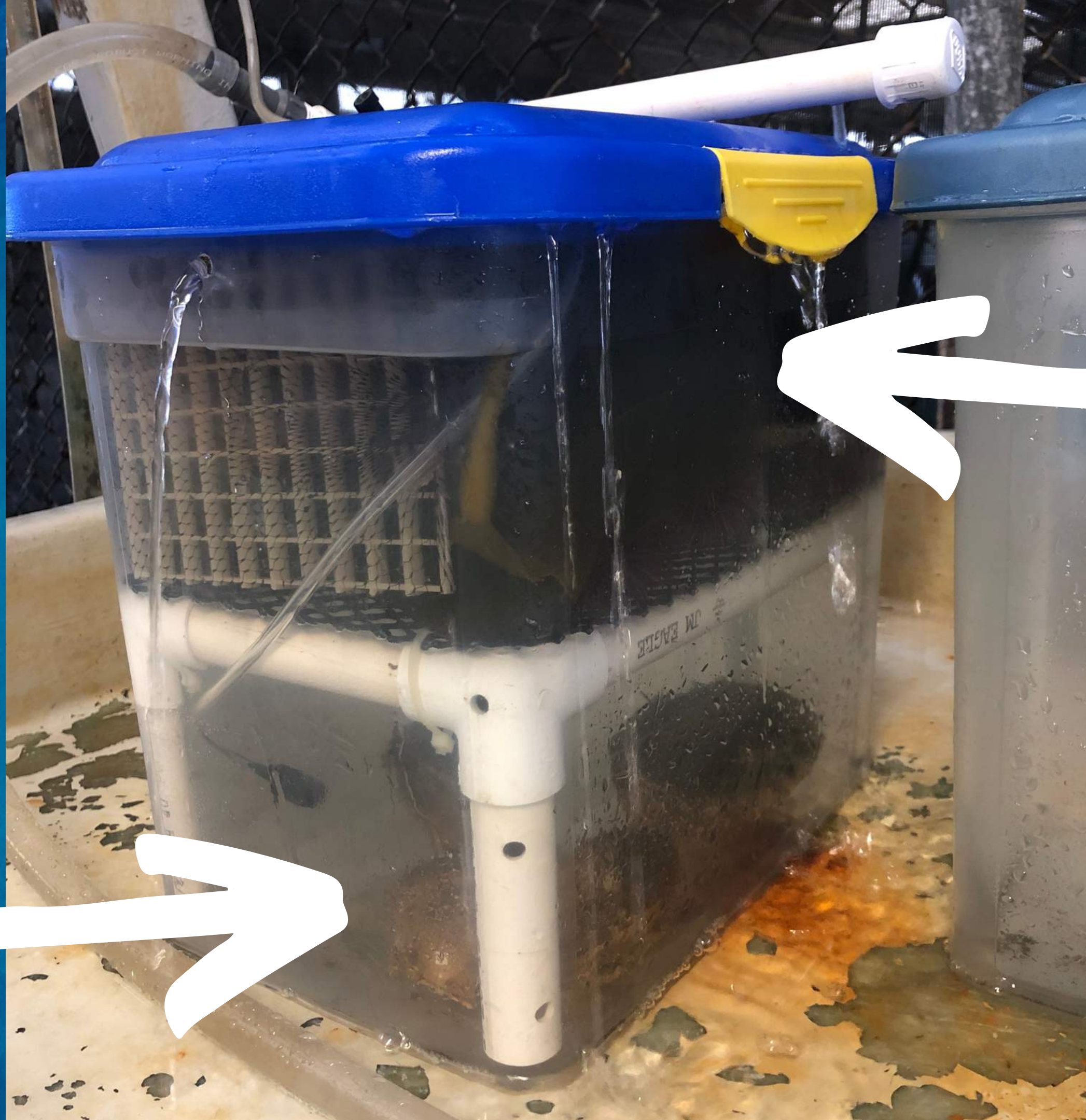
I'M GOING TO
TASTE SO
GOOD...



**DOES URCHIN POM
INFLUENCE SCALLOP
GONAD CONDITIONING?**



SCALLOPS



URCHINS
+
KELP





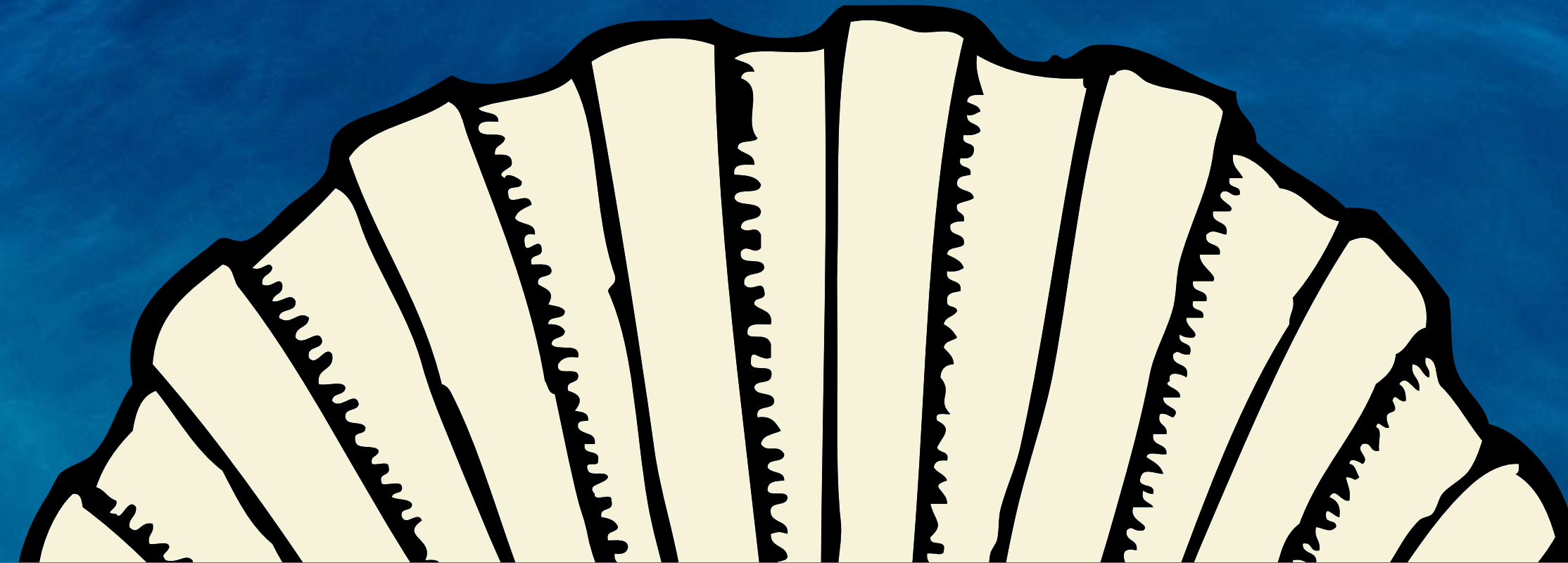
WOW, THAT
TICKLES!



HEALTHY GONAD



SAD GONAD

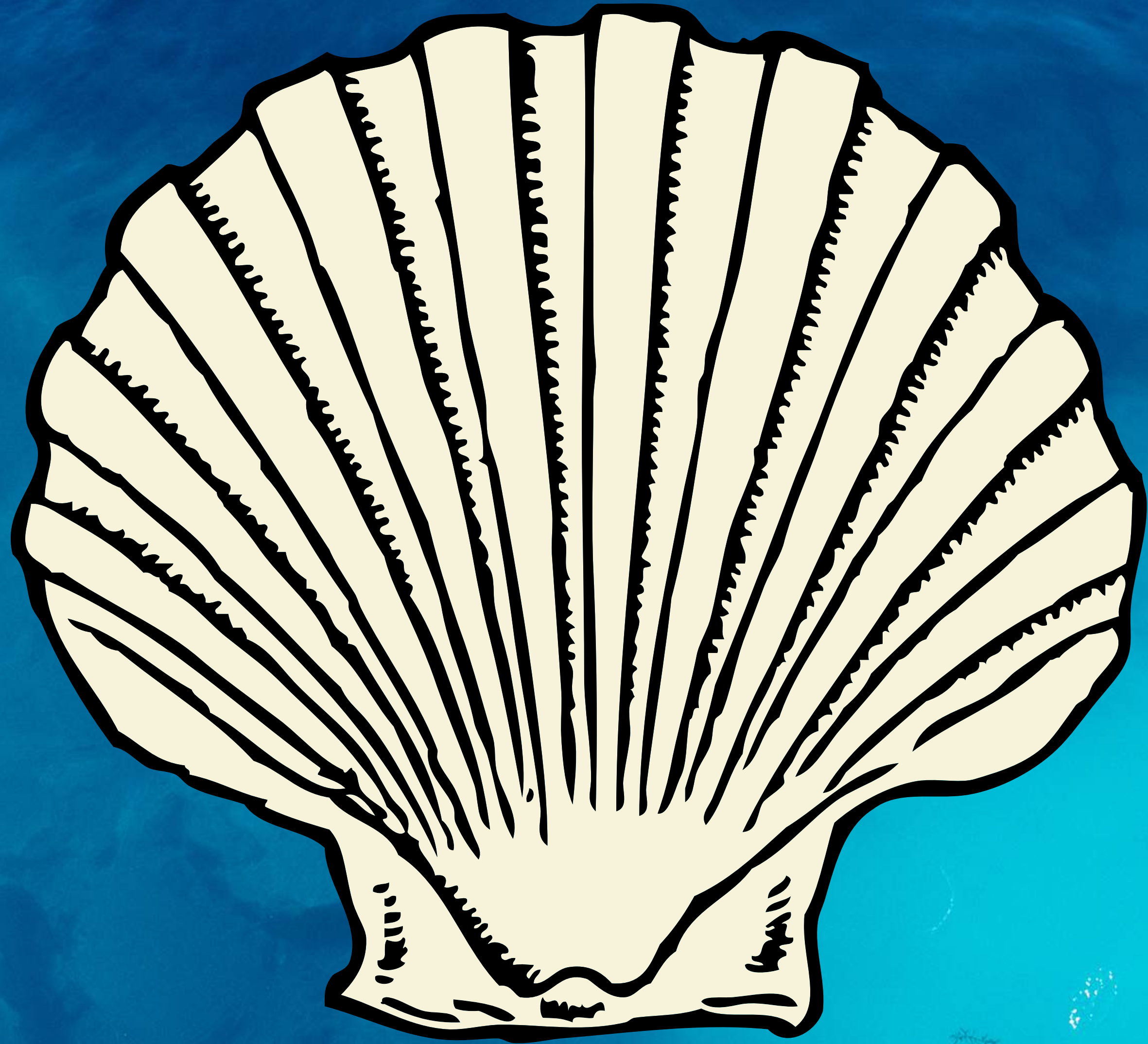


RESULTS?





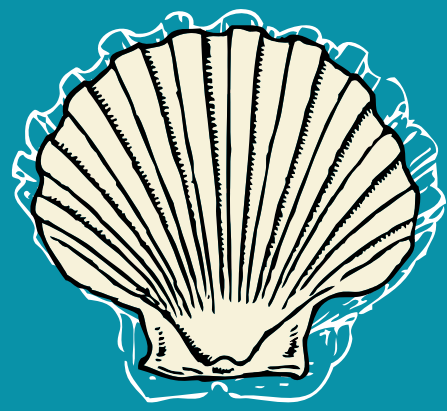




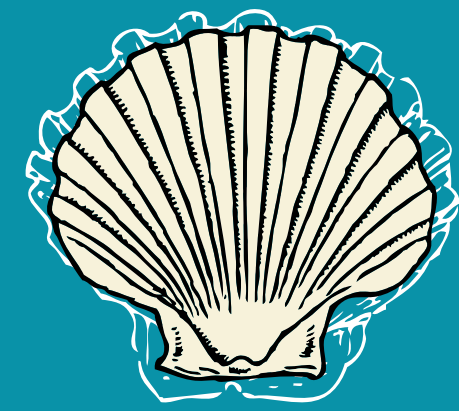
**THINKING LIKE
A SCALLOP**



THANK YOU!



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