

Marine Microbiology

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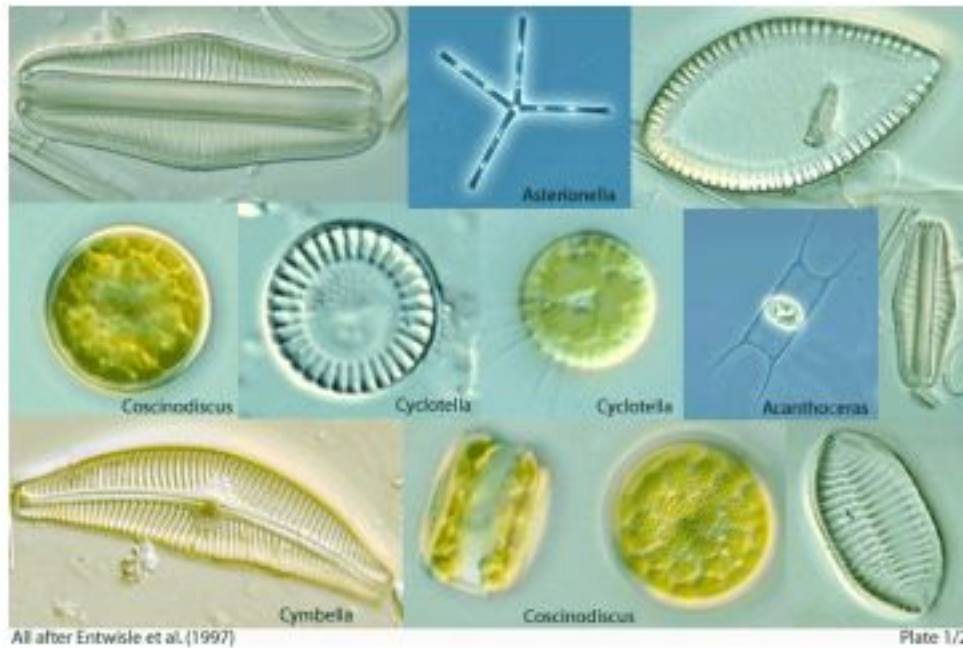


What makes something a microbe?

Small and Unicellular

Algae

Bacteria

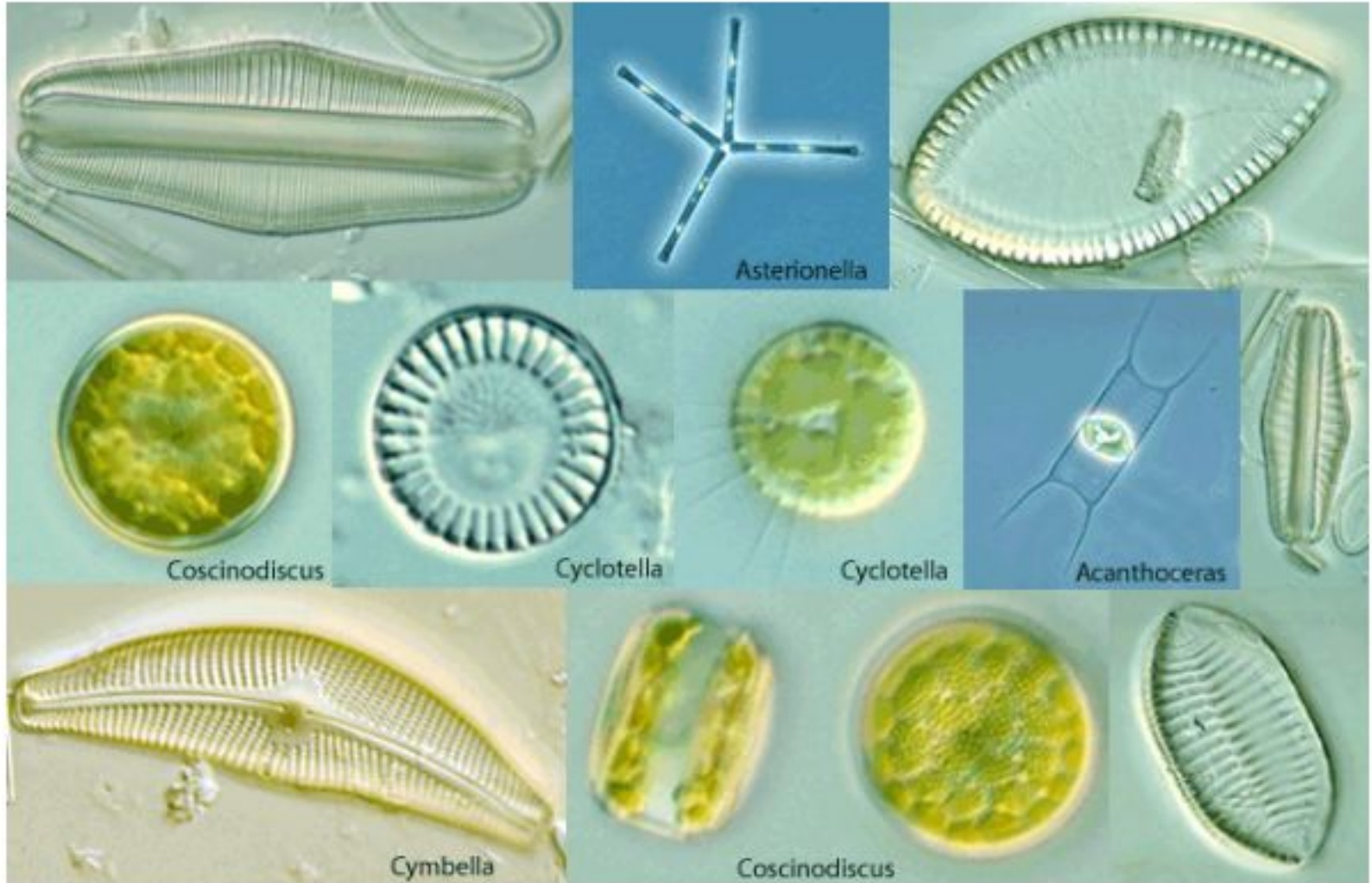


1mm



1 μ m

Marine Algae

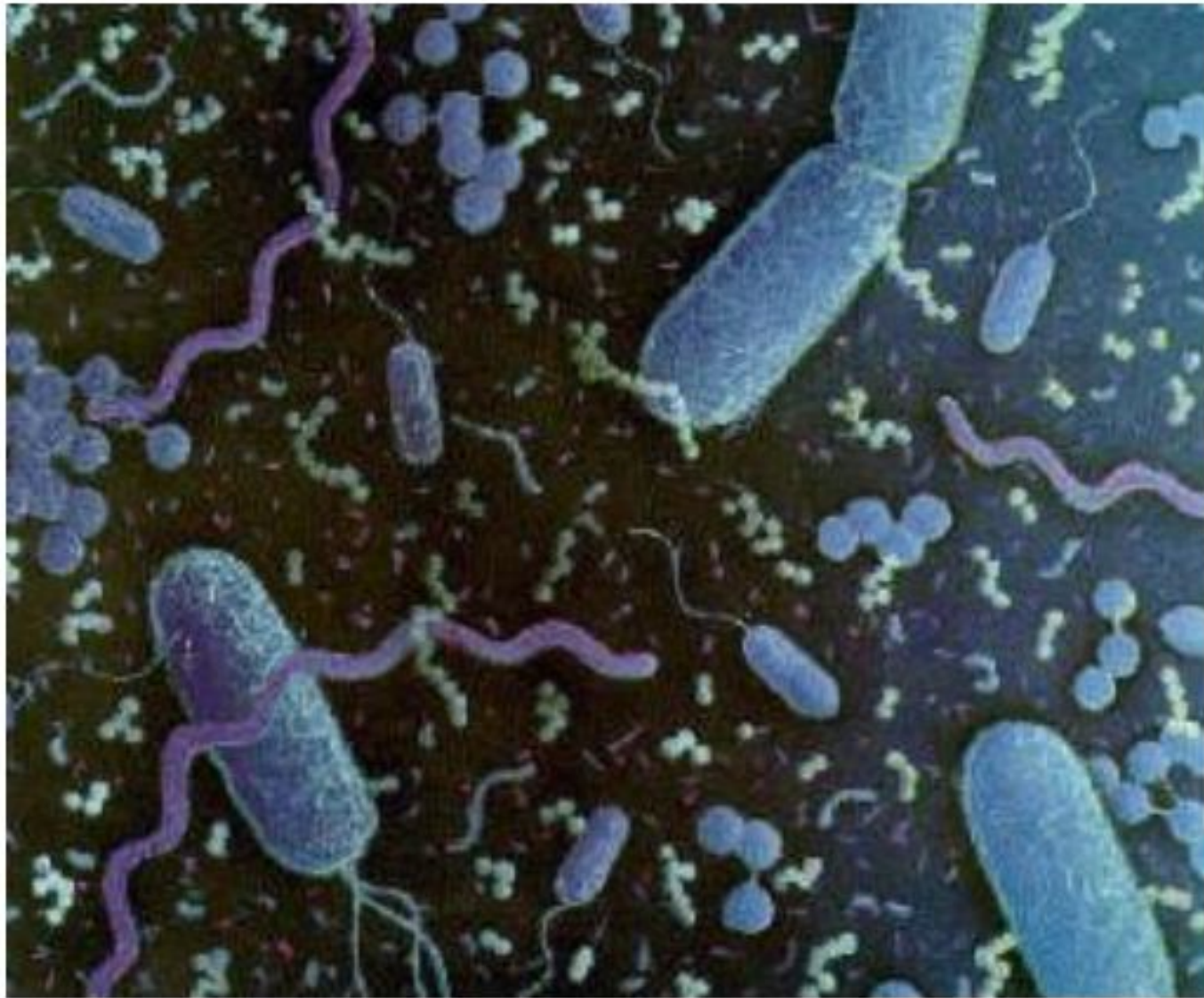


All after Entwisle et al. (1997)

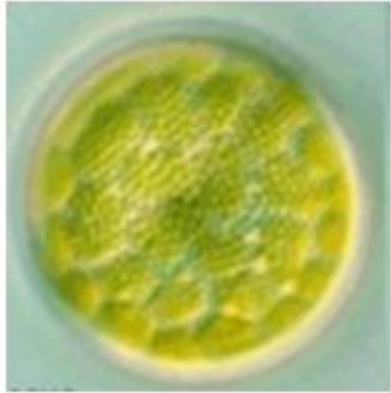
Plate 1/2

Imm

Marine Bacteria



1 μm



carbon (energy) flow



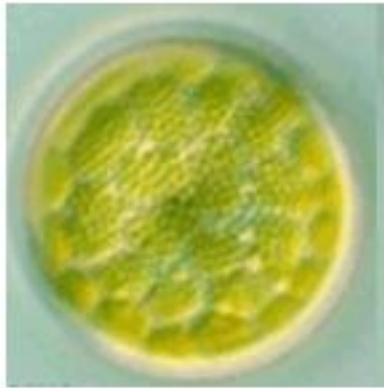
Help to understand where CO_2 from the atmosphere is going in the ocean food web.



Grow different types of algae

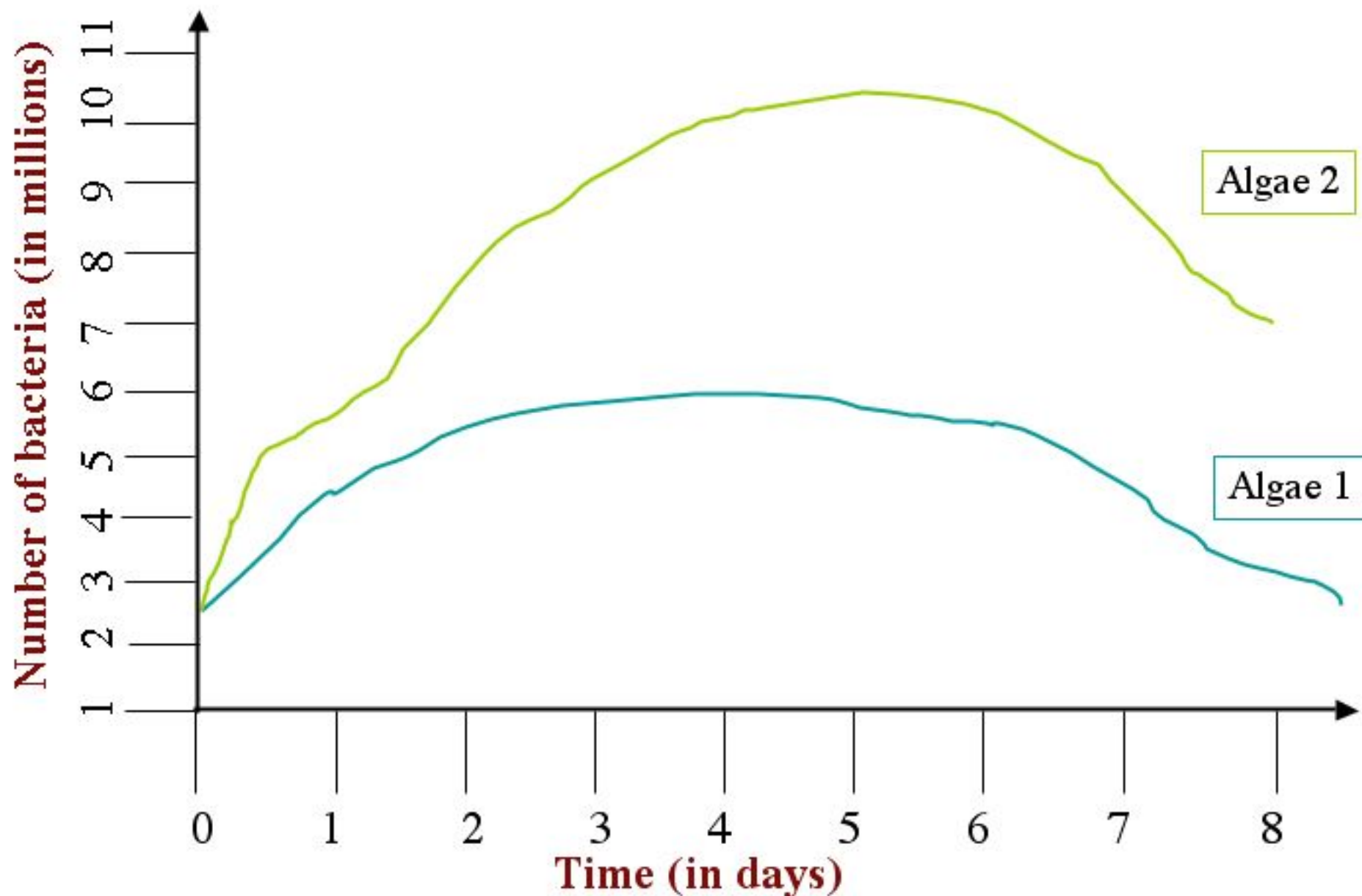


Blend up the algae and give it to marine bacteria



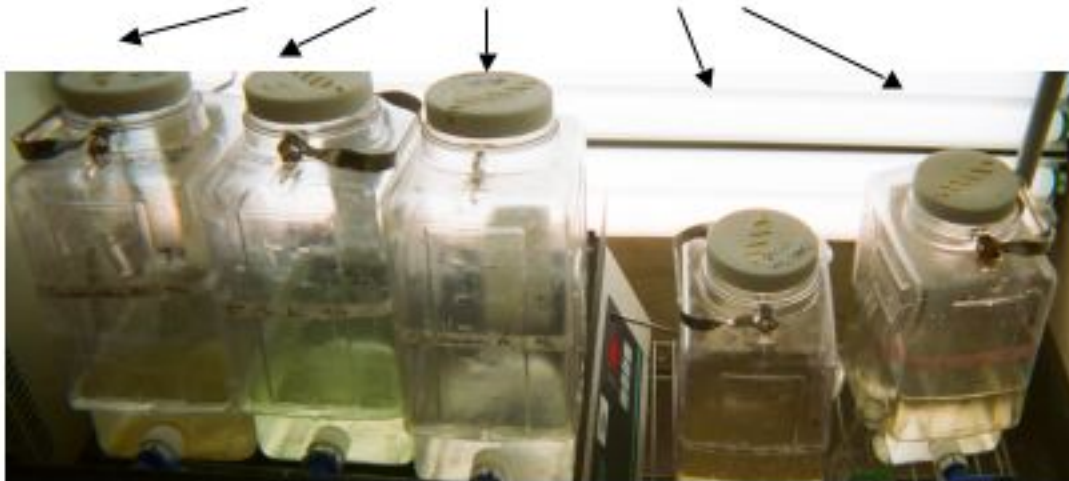
Do the bacteria like eat some algae better than others?

How does the algae that the bacteria eat affect their growth?



What happens to the algae when you change how they're grown?

Add more CO₂?



Grow them with fertilizer?



Could this change how the bacteria eat them?