

An underwater photograph showing a school of small, silvery fish swimming in clear blue water. In the foreground, there are several stalks of yellowish-brown seaweed with long, narrow leaves. The lighting is bright, suggesting sunlight filtering through the water.

Marine Life on the Climate's Service

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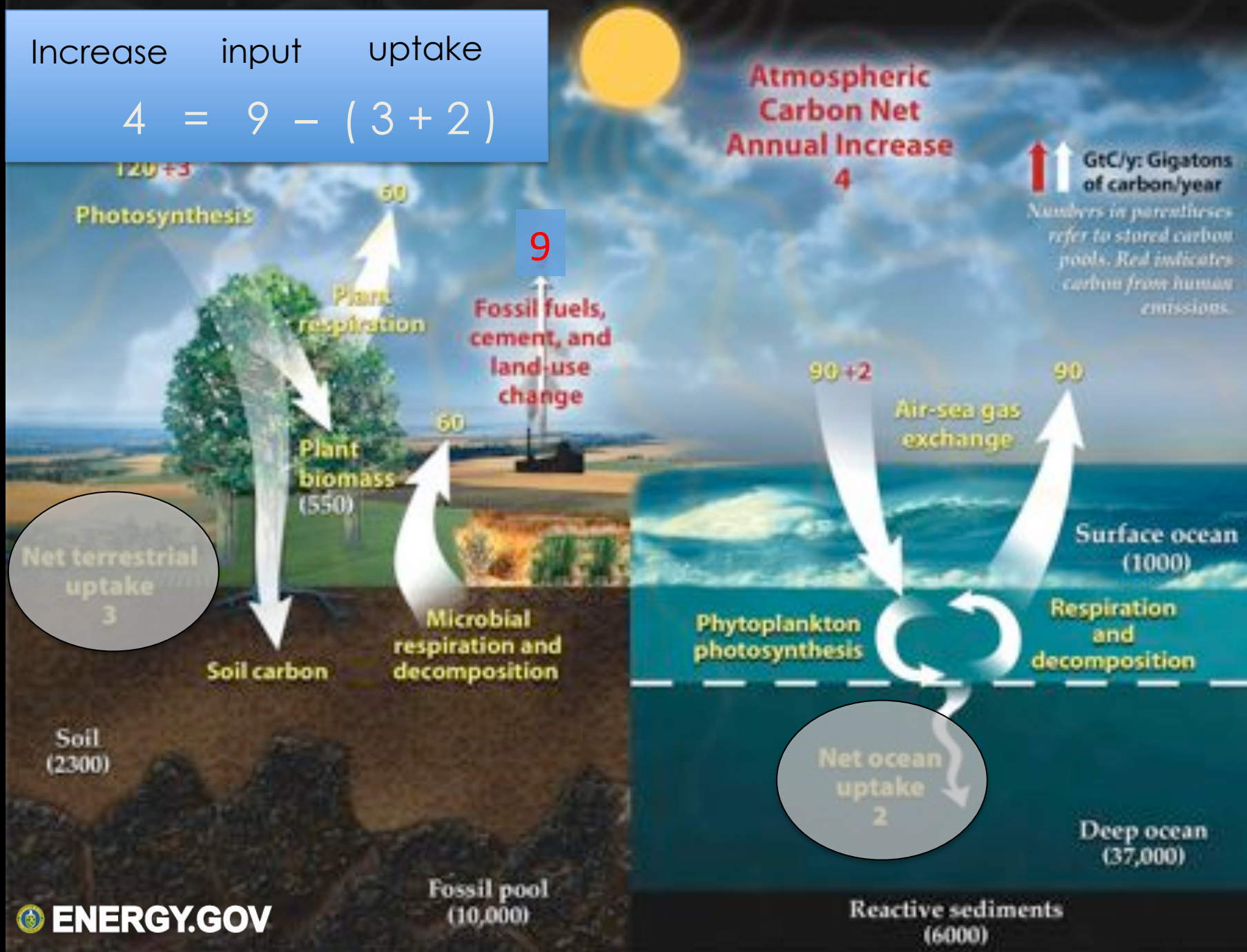




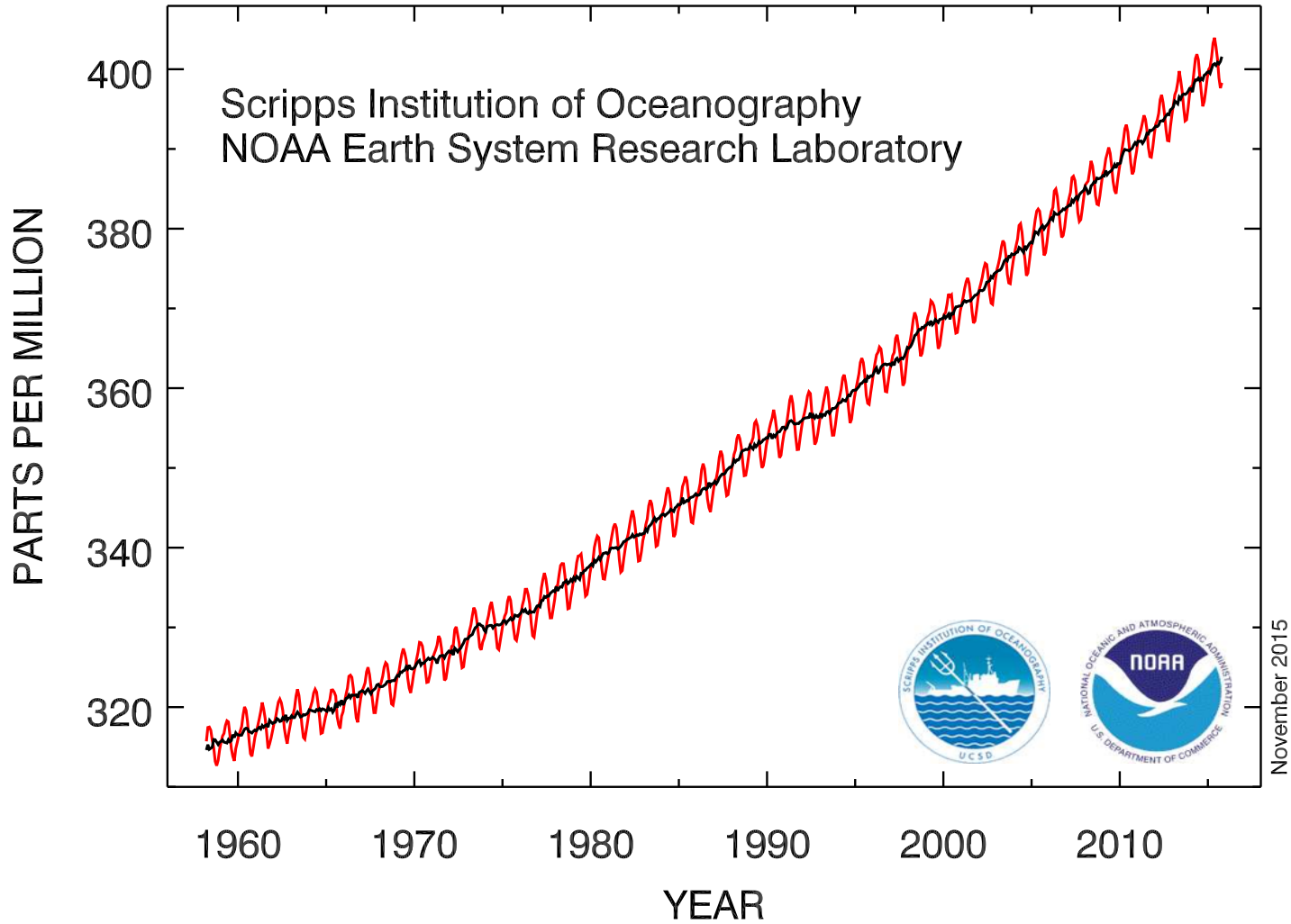


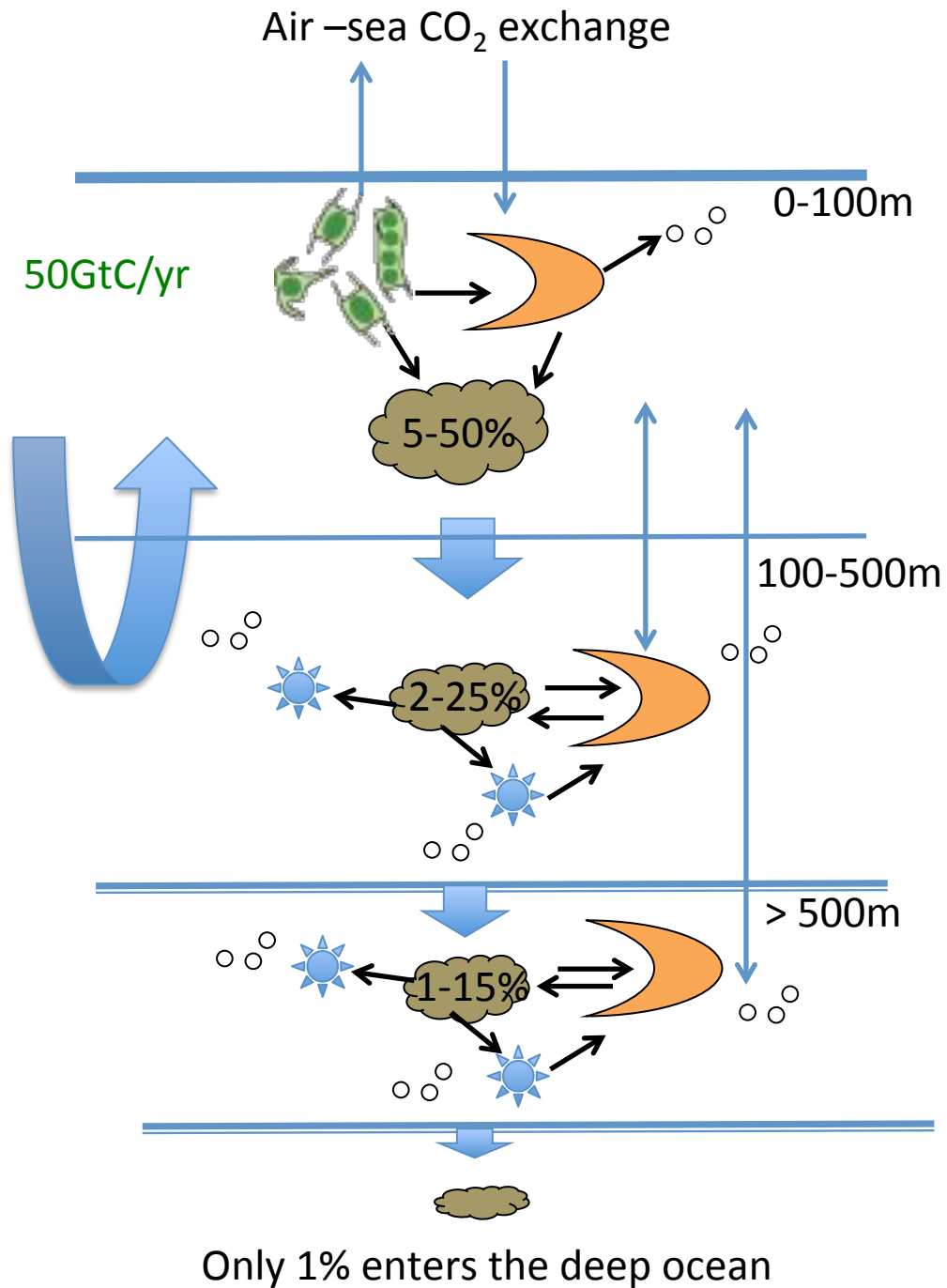
Increase input uptake

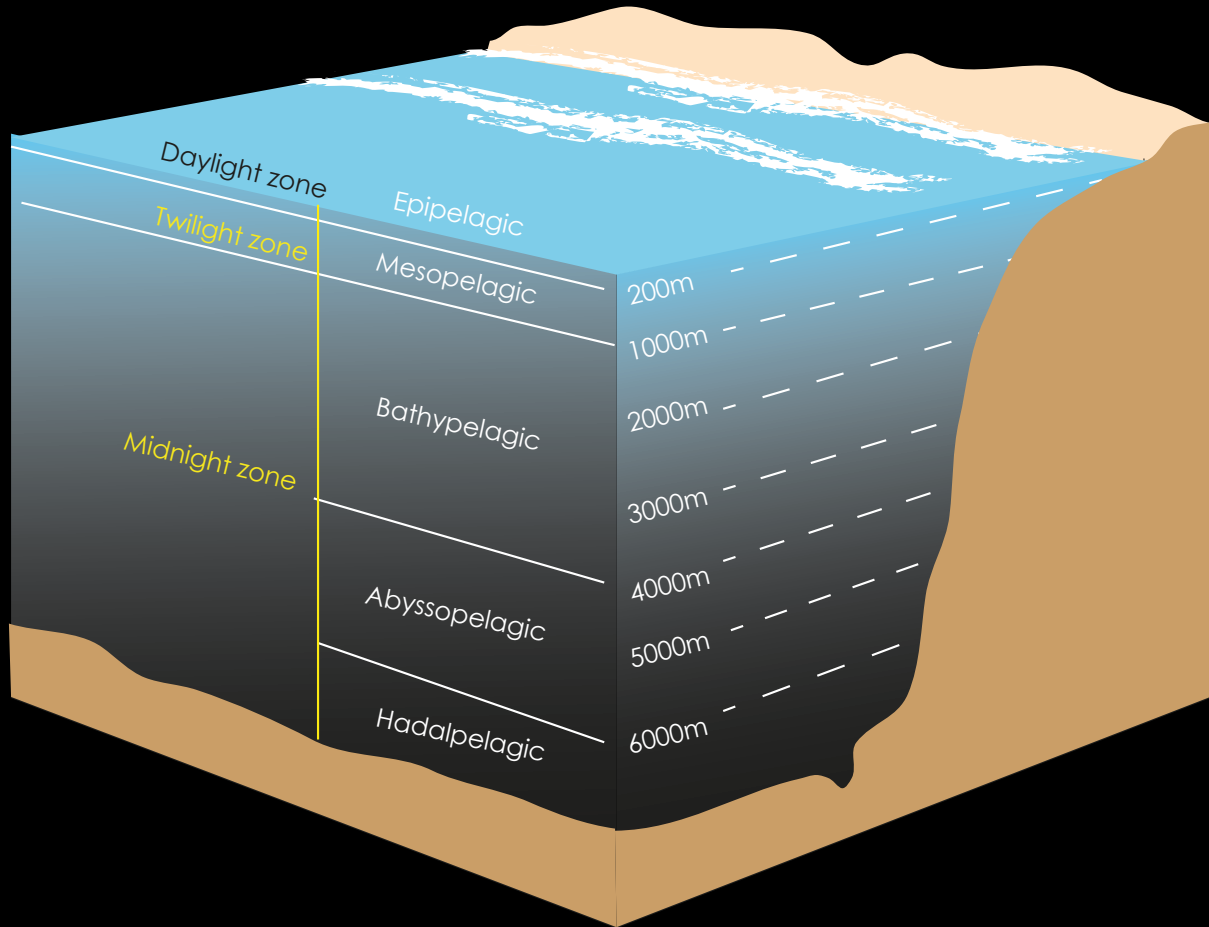
$$4 = 9 - (3 + 2)$$

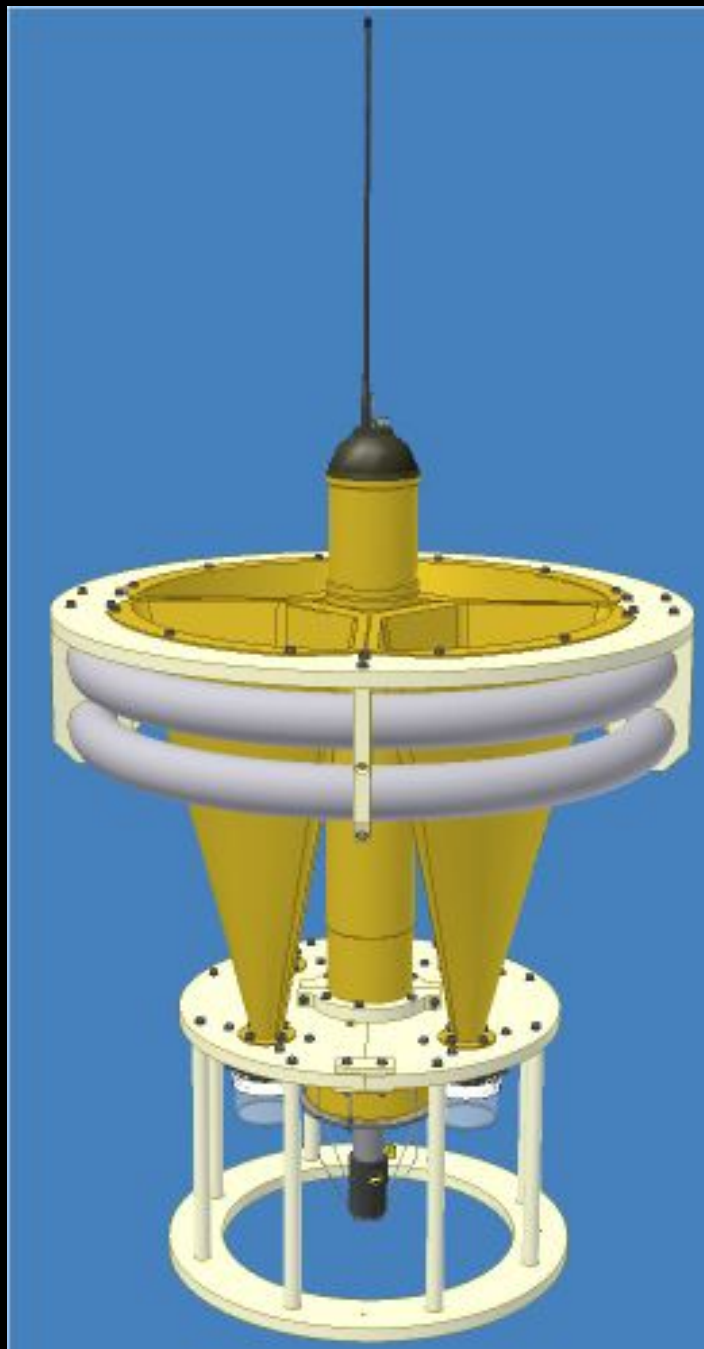


Atmospheric CO₂ at Mauna Loa Observatory



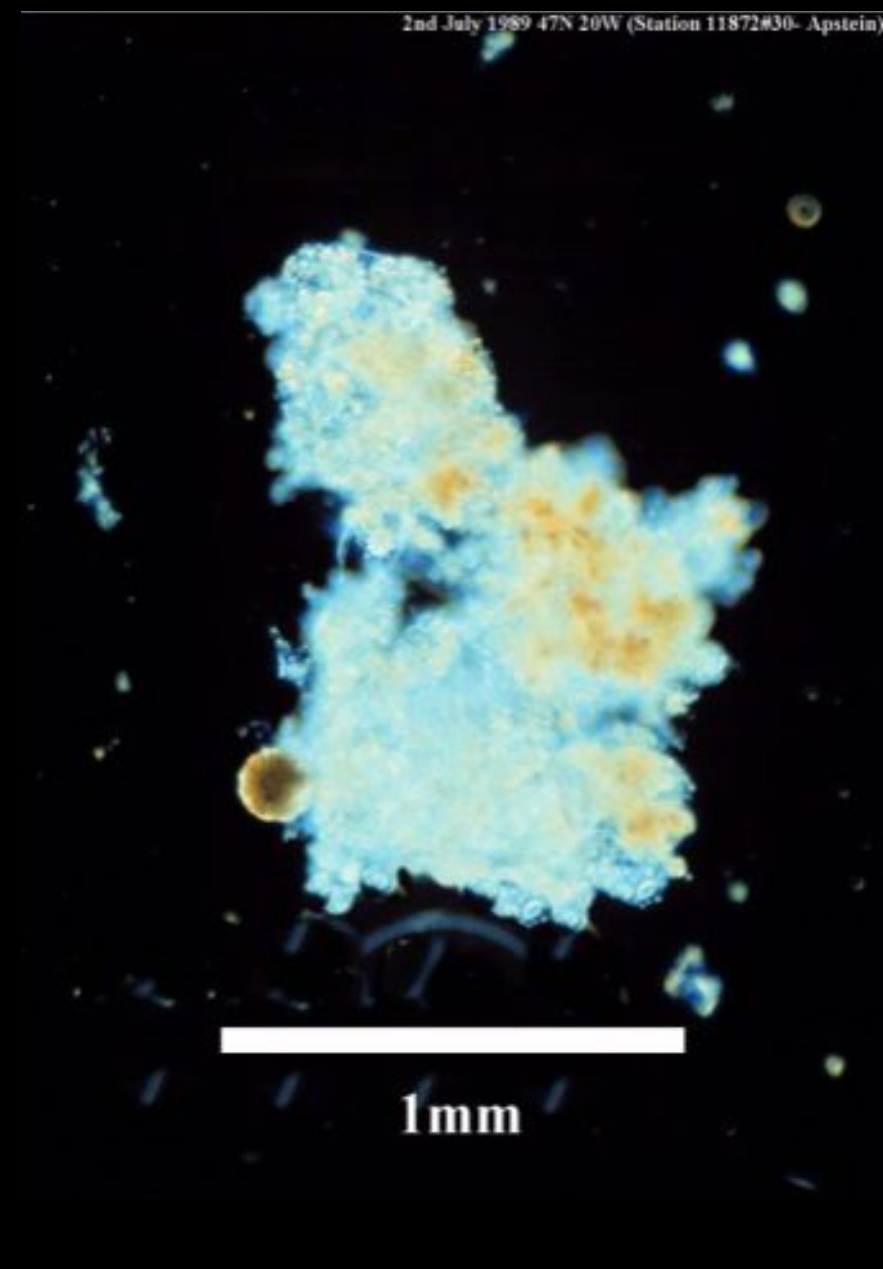




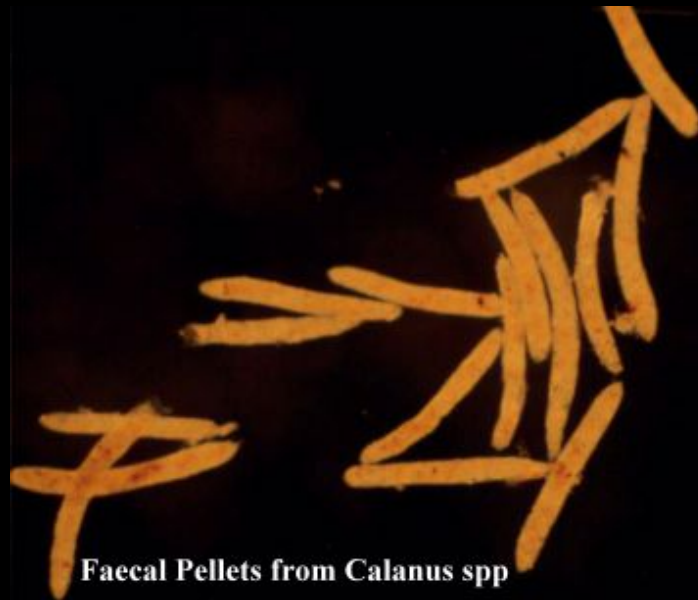




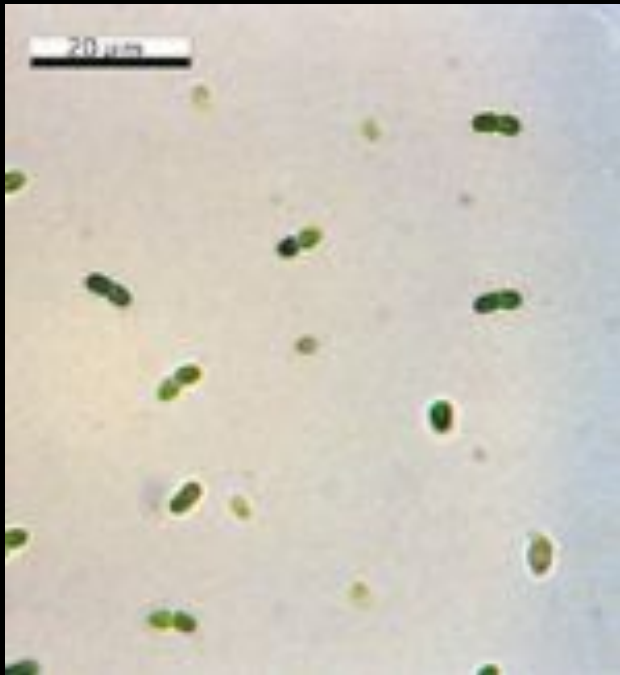
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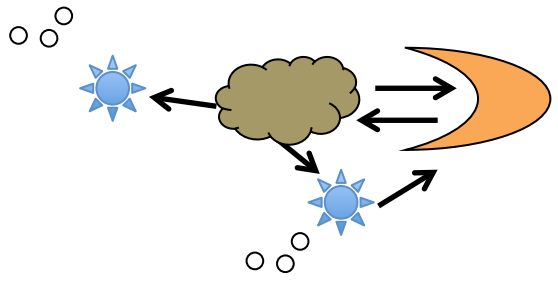


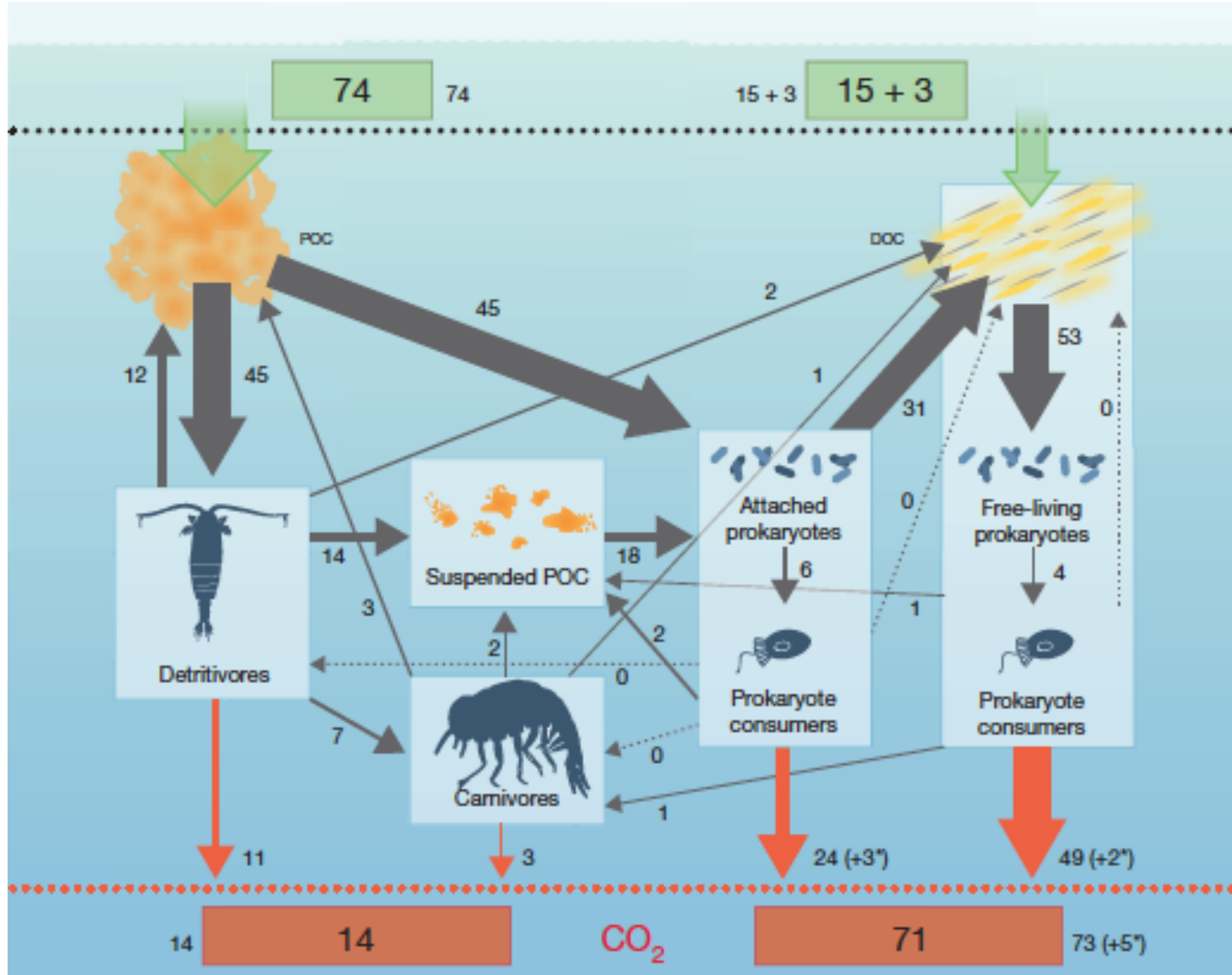
1mm



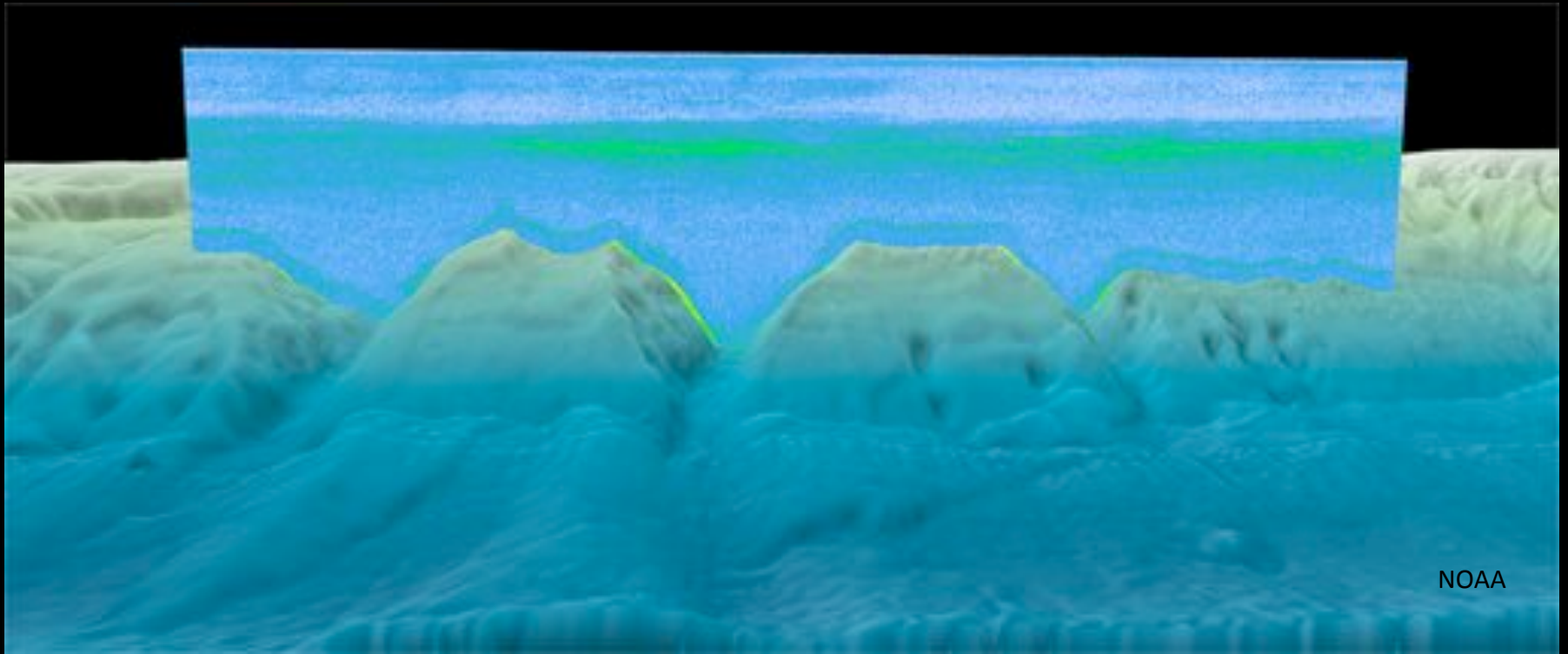
Faecal Pellets from *Calanus* spp











NOAA









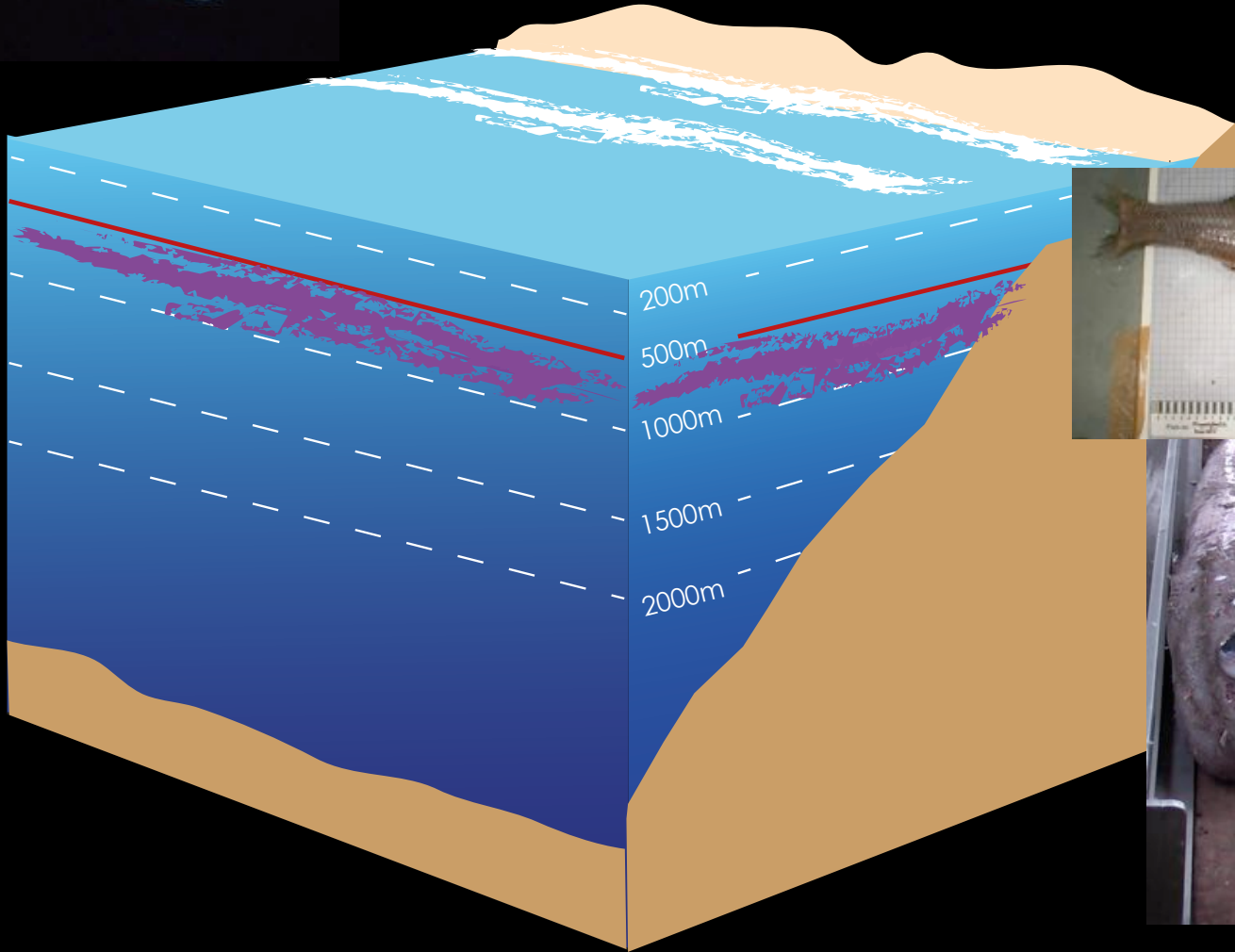
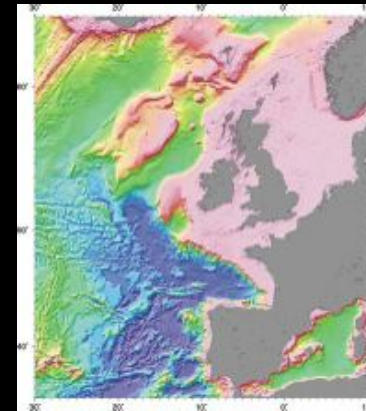
How many fish in the sea?

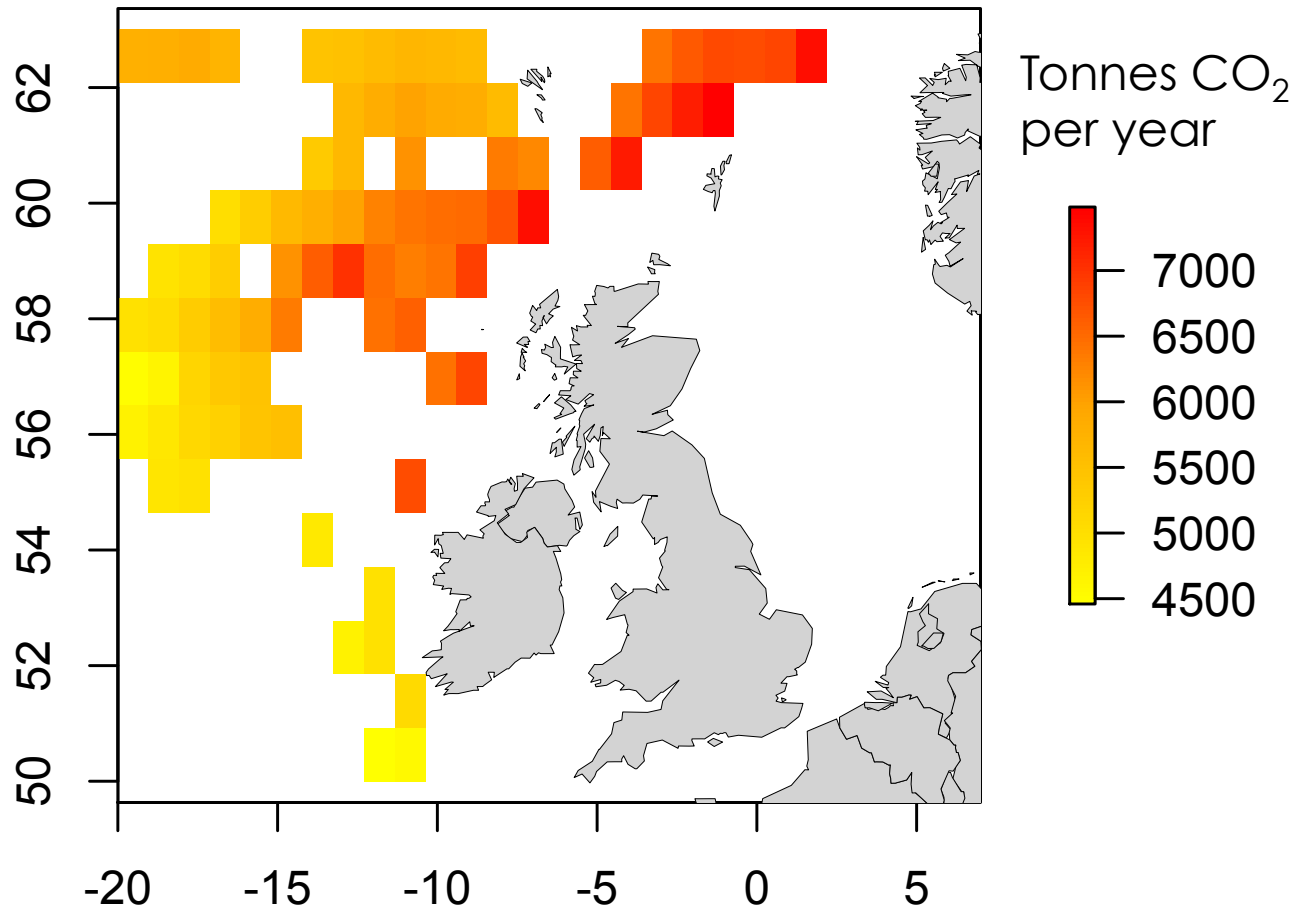
2014



2005







Estimated CO₂ capture: 1 – 2.5 million tonnes per year

Equivalent area sequestration



RSPB

c. 30,000 km²

1 000 000 -2 500 000 Tonnes CO₂
captured and stored per year



£1 Billion

Estimated annual value or cost of deep water fish ecosystem services (€ Millions)

