

Climate change & the UK's reefs



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The UK has a lot of sea!

More than 770,000 km²

Almost 18,000 km of coastline

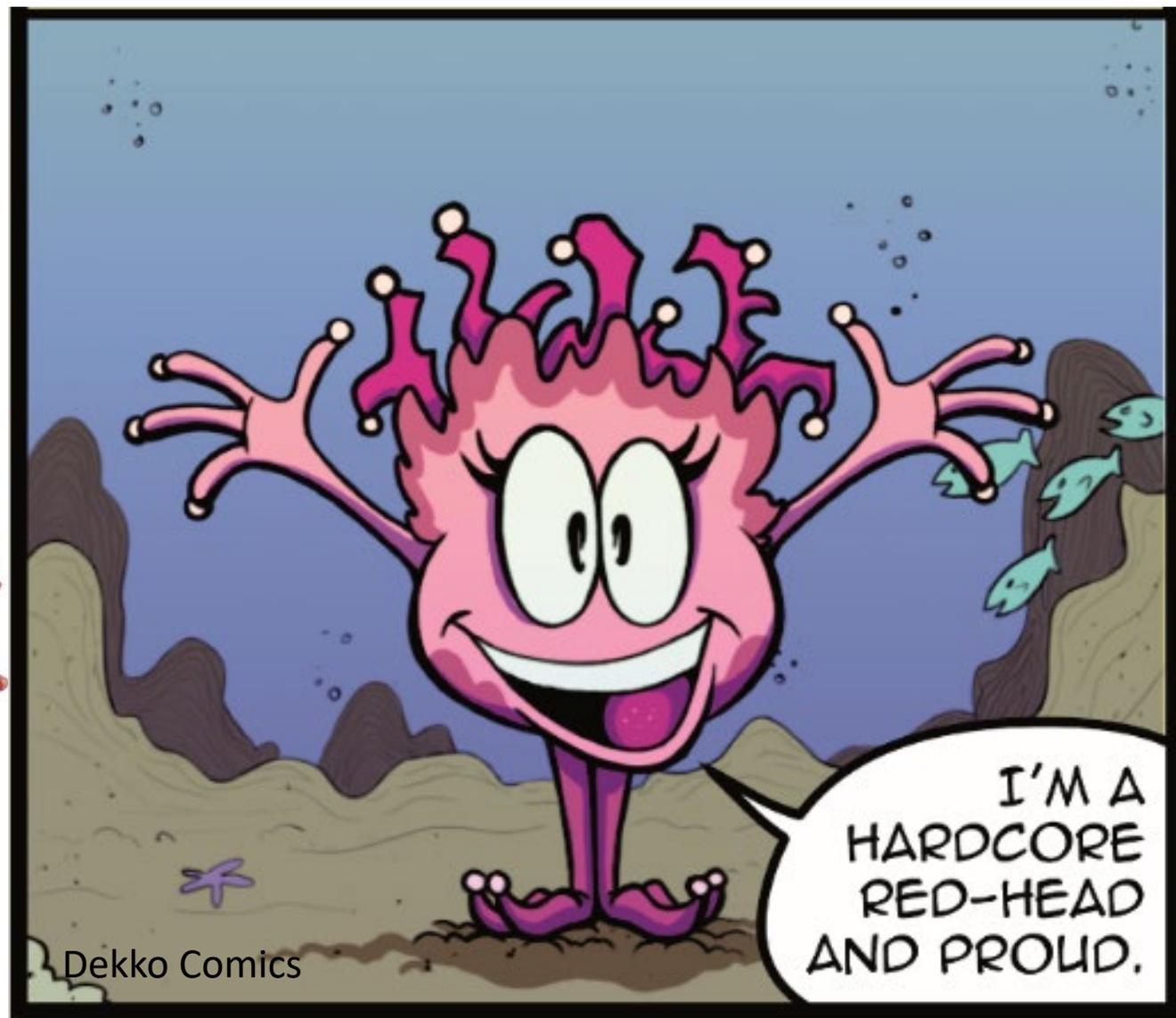


MAERL BEDS





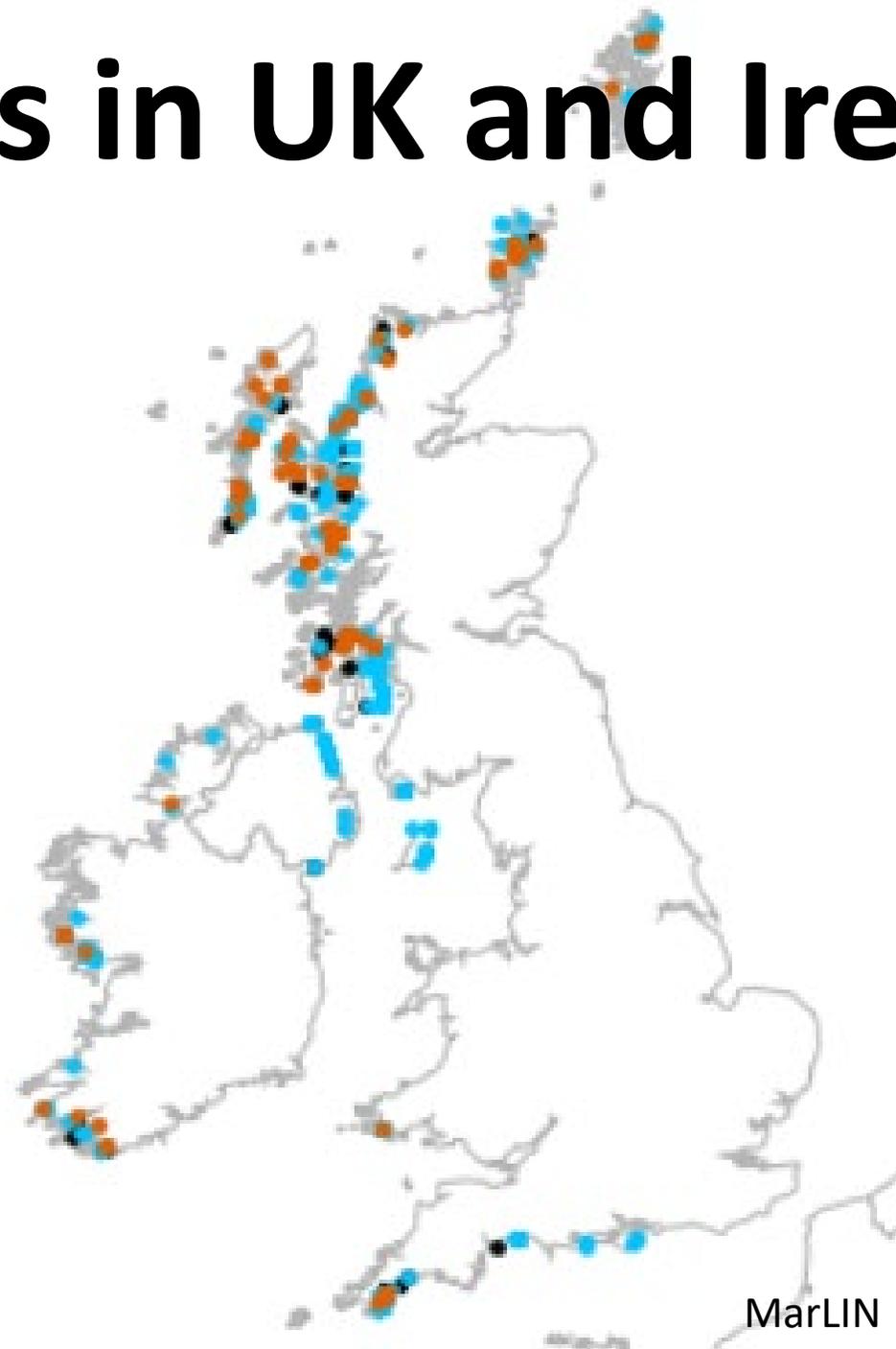
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Dekko Comics



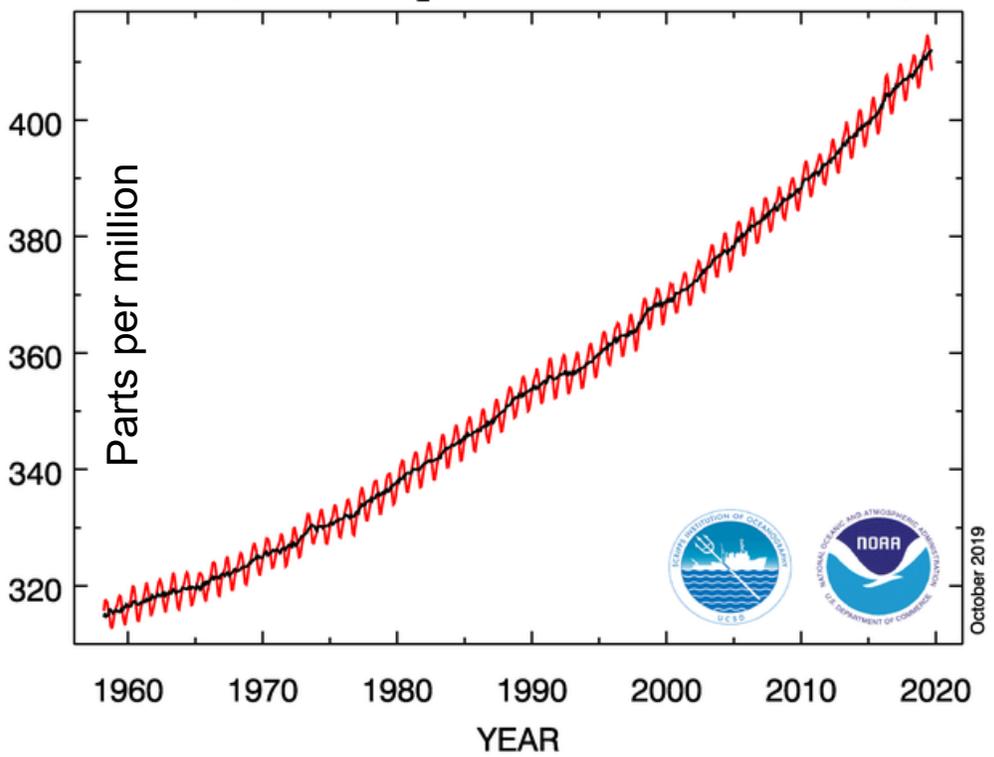
Maerl beds in UK and Ireland



MarLIN



Atmospheric CO₂ at Mauna Loa Observatory

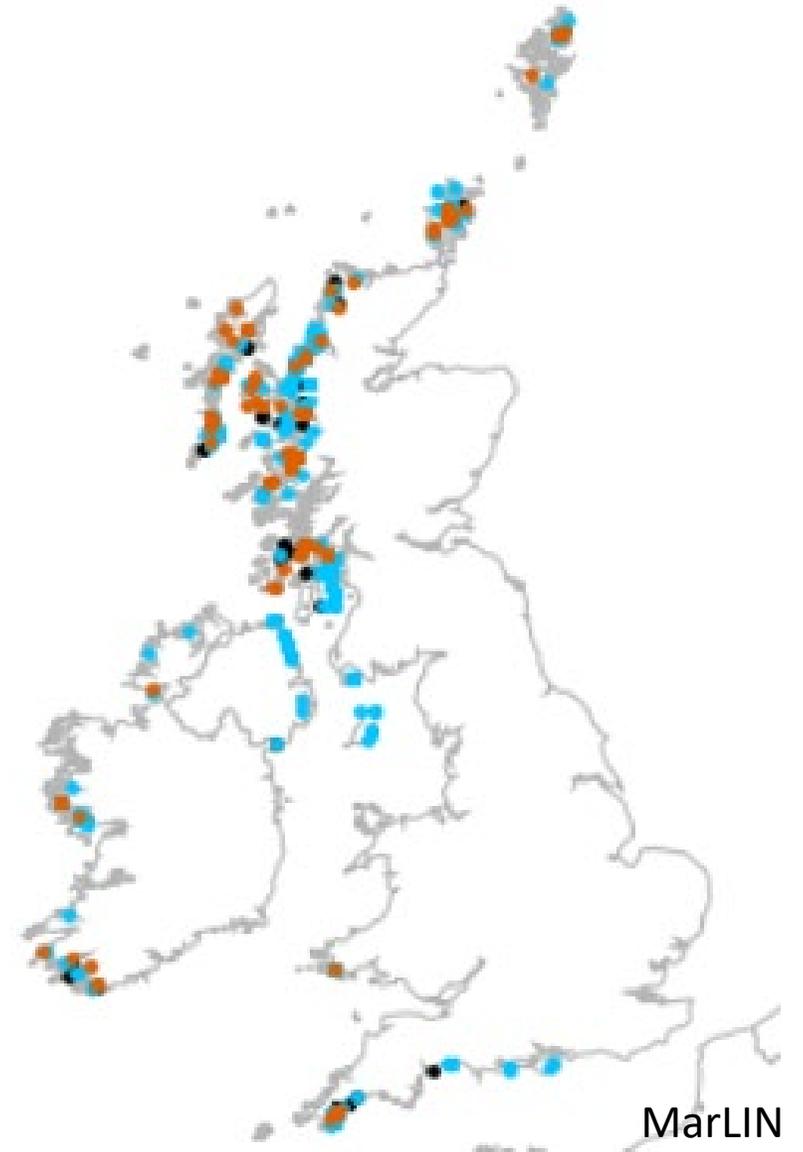
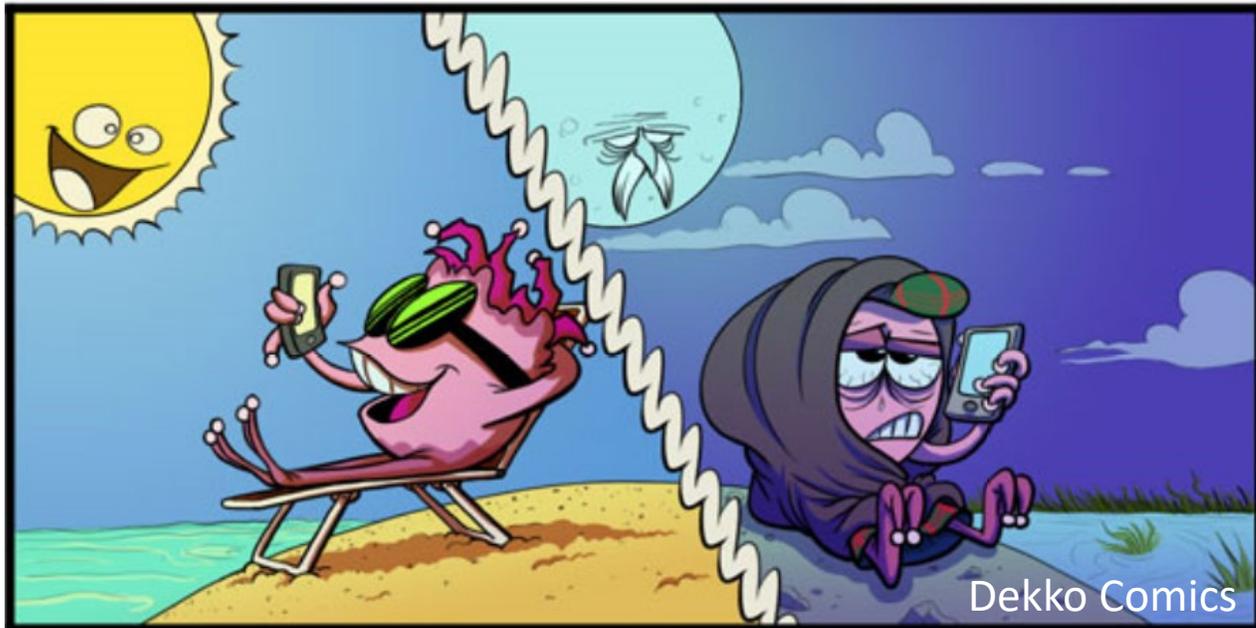


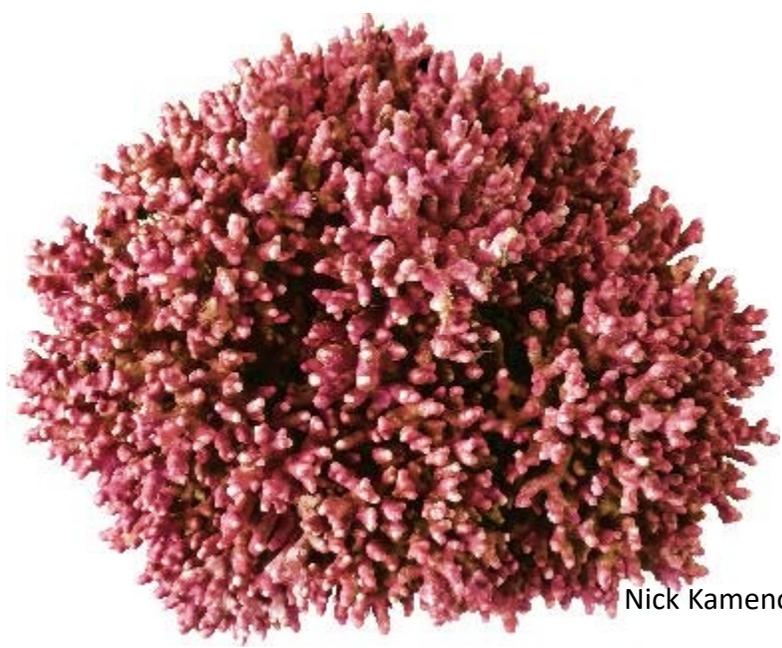
Annual UK temperature from 1884 - 2018





1. Thermal niche



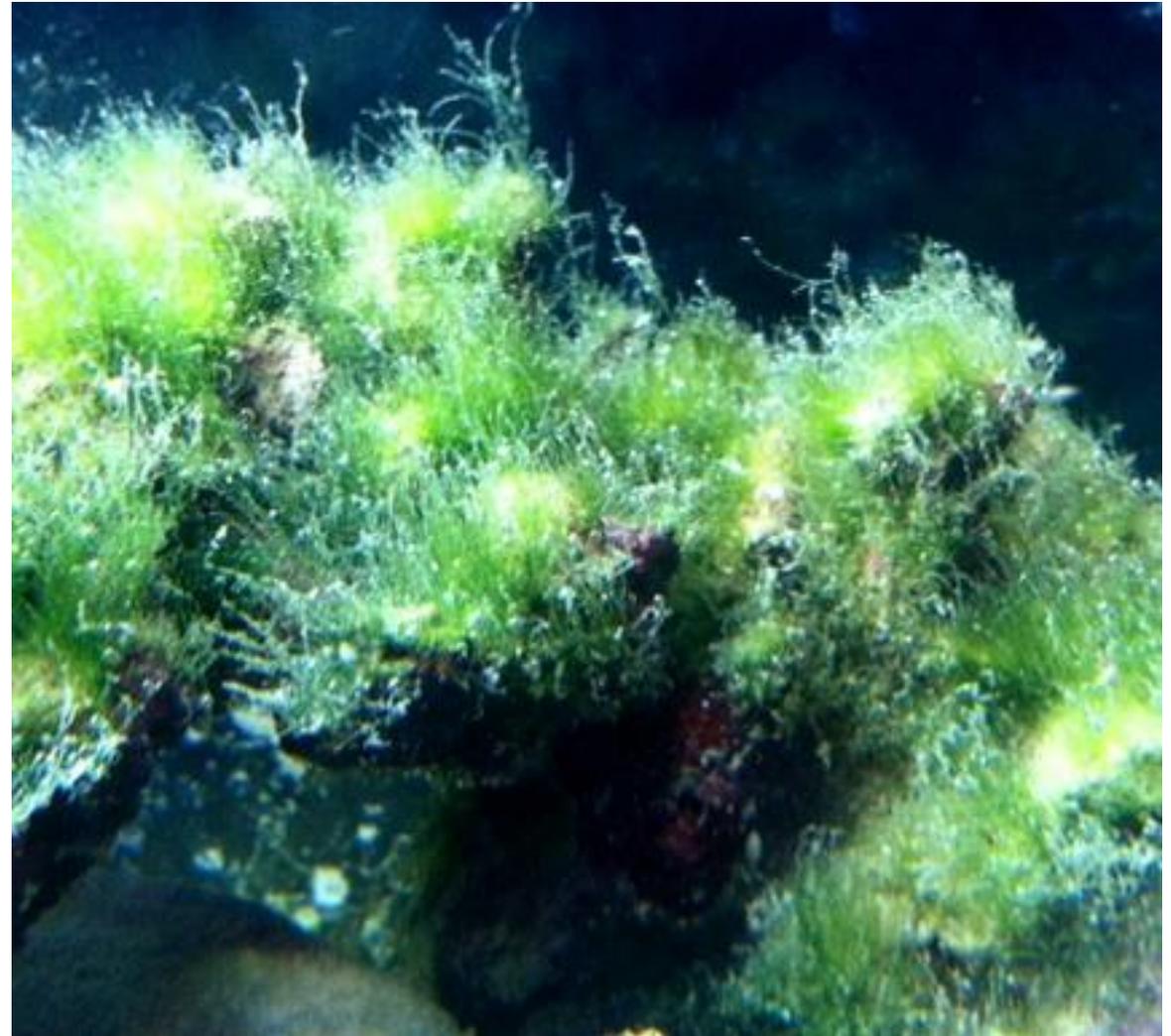


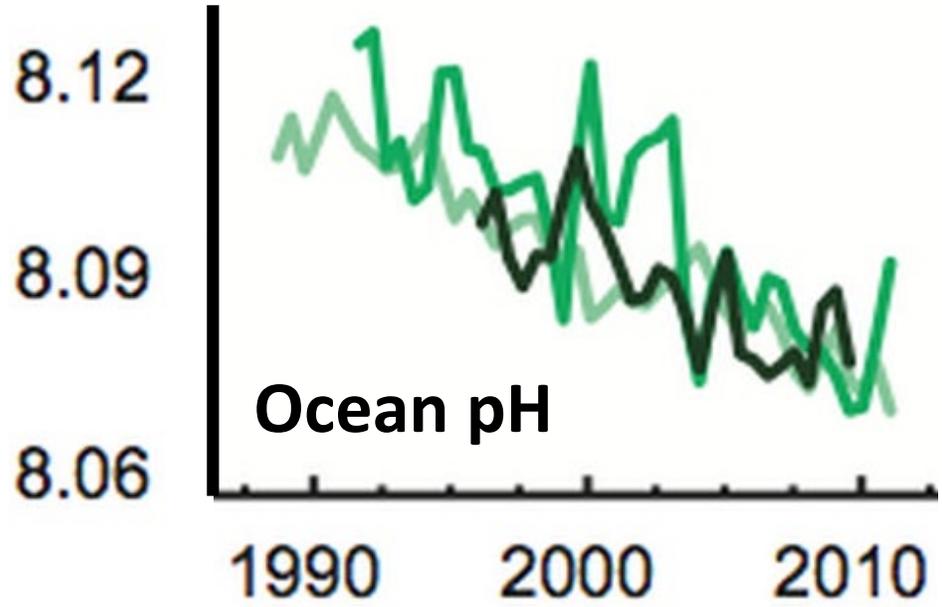
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2. Ecological competition

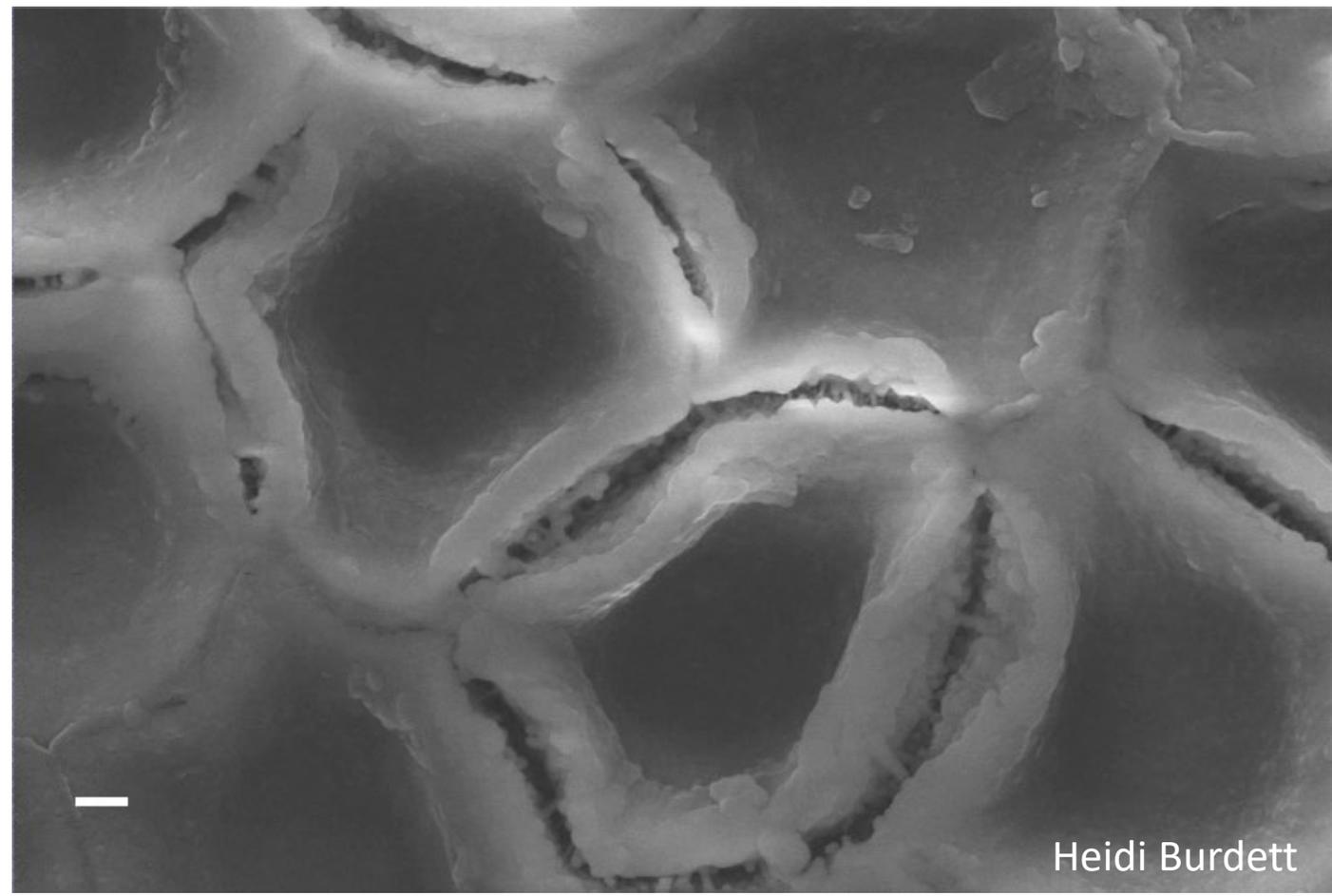
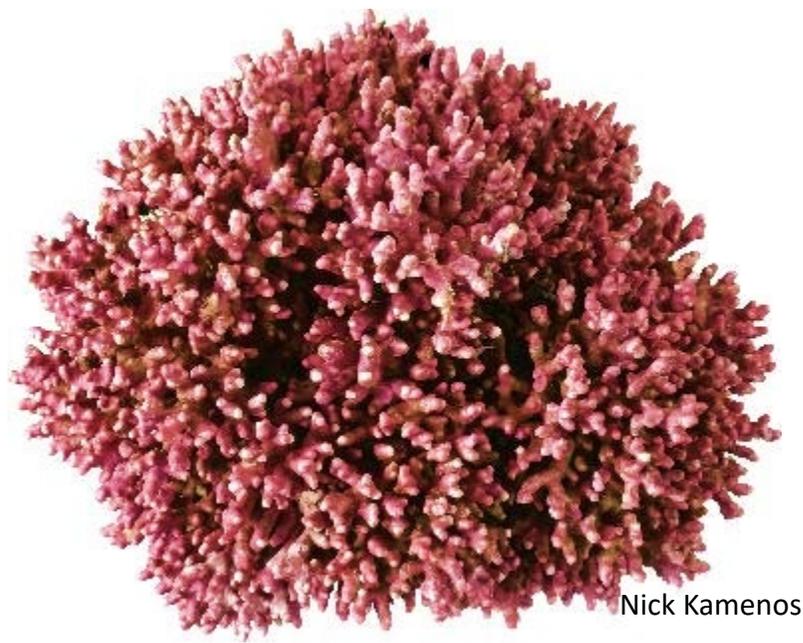


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3. Ocean acidification







*Paris agreement:
Write to your leaders*



Reduce your carbon footprint

Me in 2017: 25,759 kgs



UK average: 10,082 kgs



