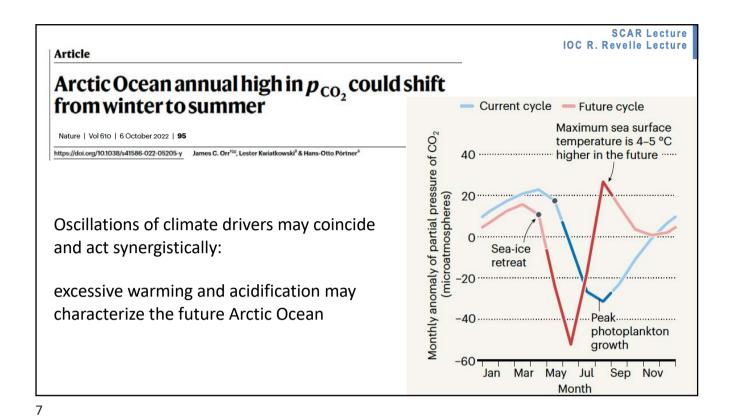


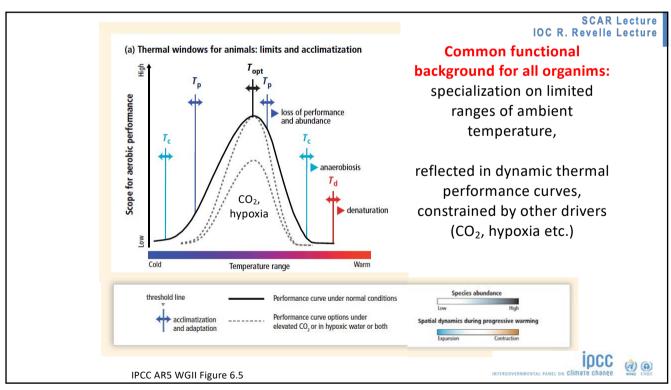
SCAR Lecture IOC R. Revelle Lecture Land and ocean losses of animal (including human) tropical habitat, resulting from evolutionary adaptation limits Risk of [species losses Percentage of animal species and seagrasses exposed to potentially dangerous temperature conditions 1.5°C 2.0°C Includes more than 30,652 species, mostly animals 3.0°C 4.0°C

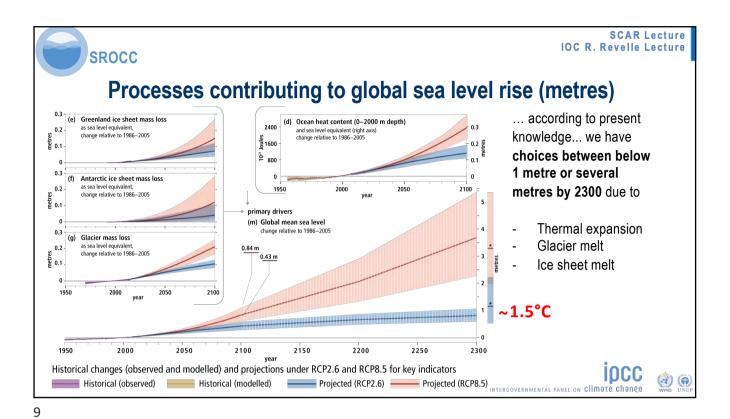
Animal (human) life to retreat from the tropics ...

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IPCC AR6 SYR Figure SPM.3a







SCAR Lecture IOC R. Revelle Lecture **Highlighting the Antarctic contribution** High uncertainty in the **SEA LEVEL** Antarctic contribution to global sea level rise. The most significant global influence of non-linear processes could lead to an increase of up to Antarctic changes will be on mean sea level rise and its influence 13 m on society and nature Ice sheet contributions to global in all coastal regions. mean sea level rise have increased but the contribution so far has by 2300 been small [SCAR update, IPCC WGI] e.g. due to ice cliff instability IDCC INTERGOVERNMENTAL PANEL ON Climate change

