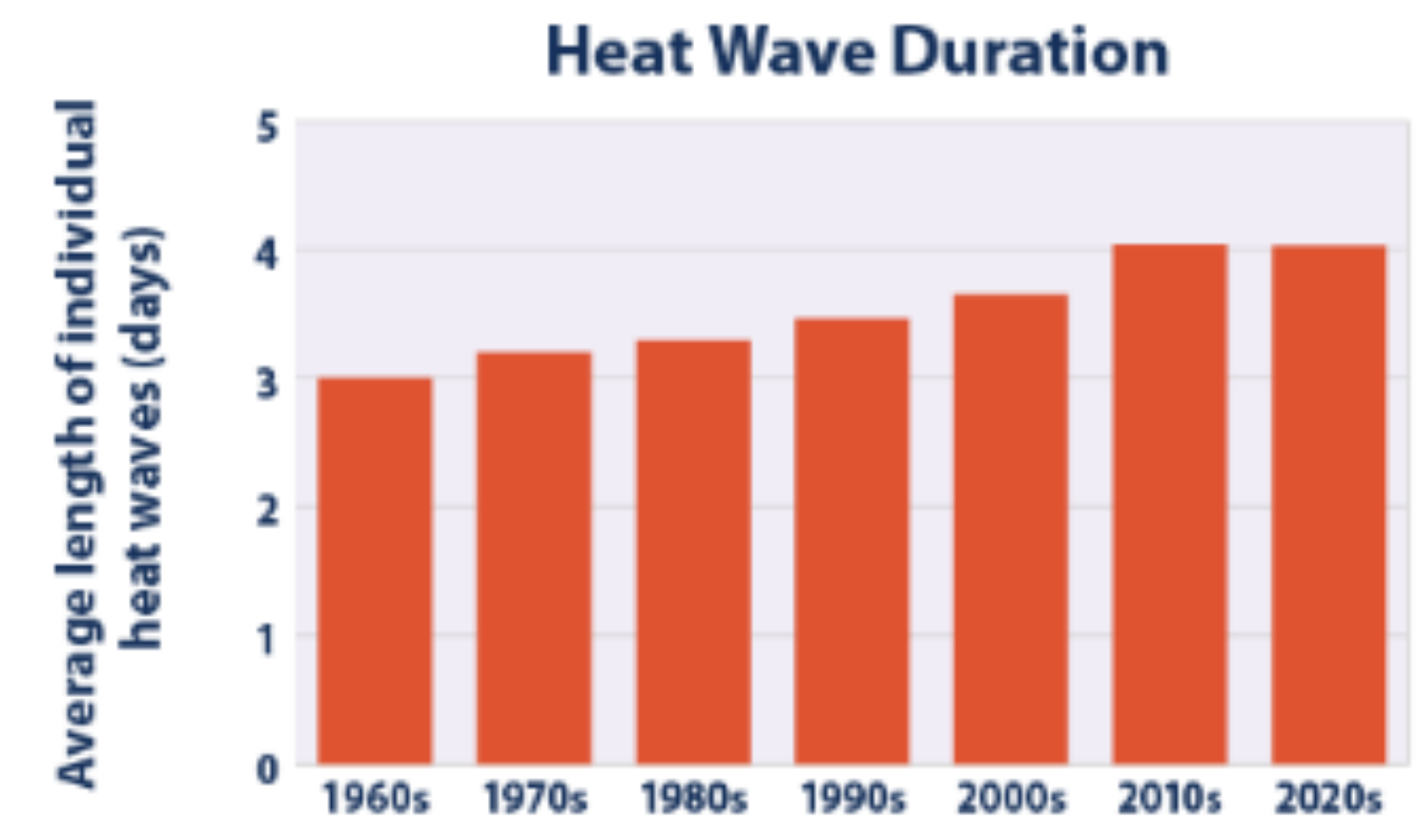
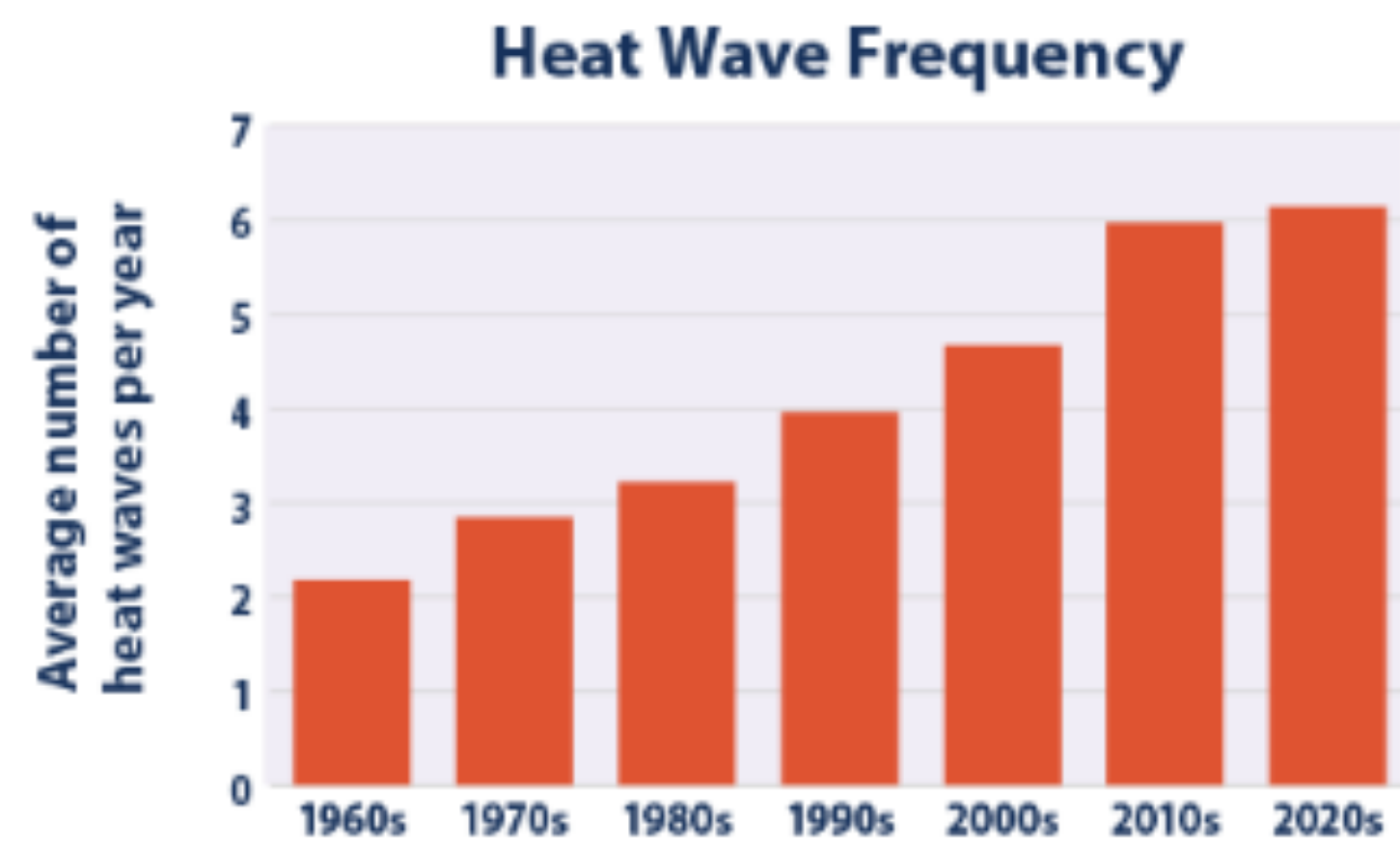




Diet impacts insect survival under climate change

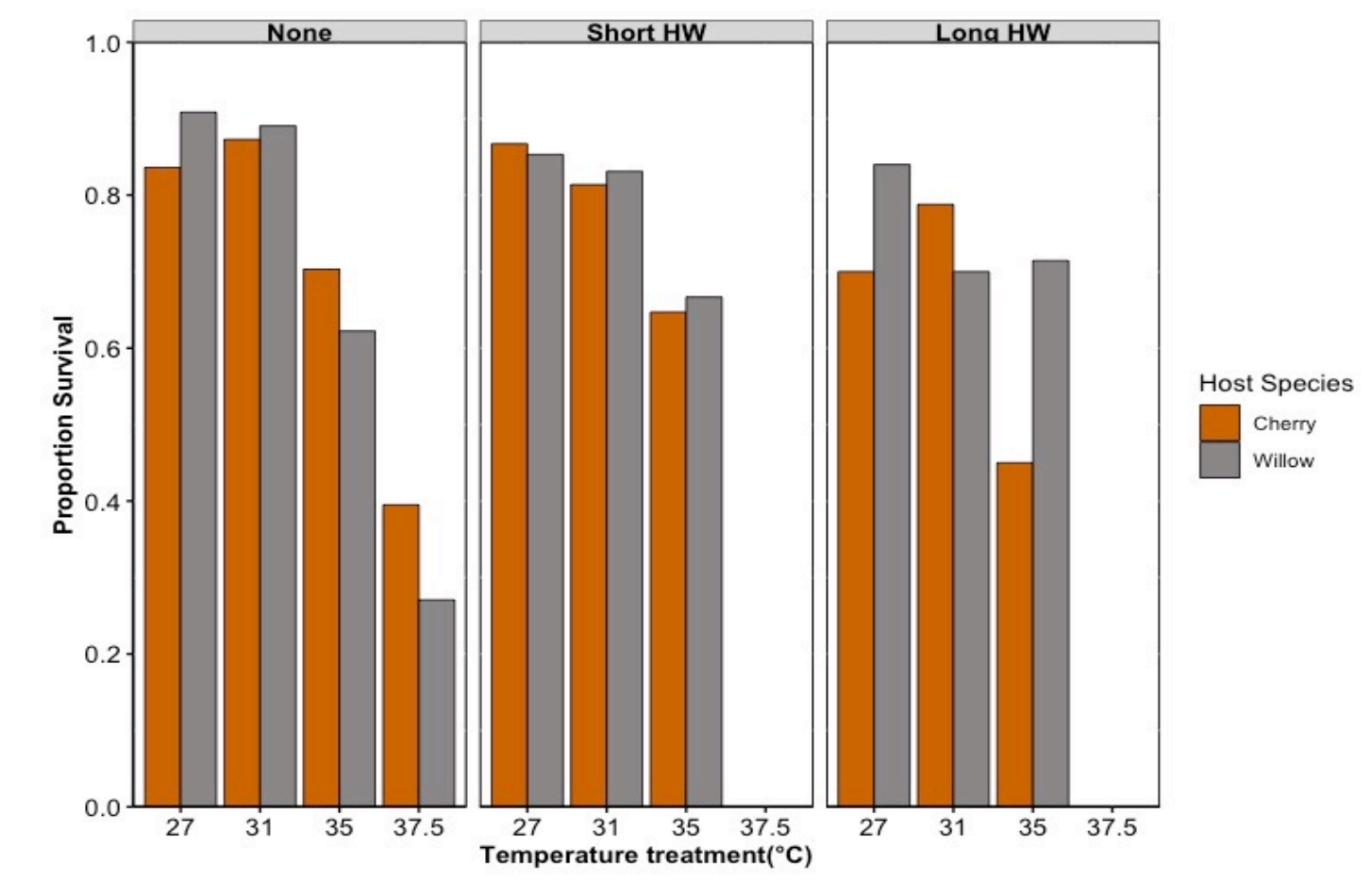
Claire Guzinski * University of Denver * Department of Ecology and Evolution

Heatwaves are on the rise



Could diet help these insects survive under climate change?

Insect survival varies with diet when raised in different temperatures and exposed to a short or long heatwave

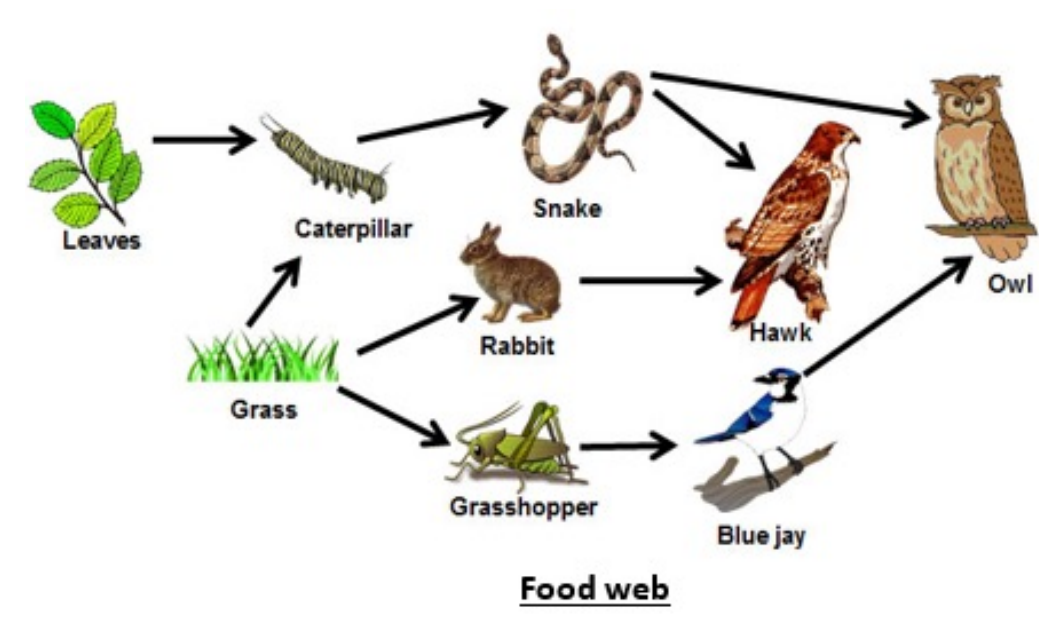


Insects are important, but declining

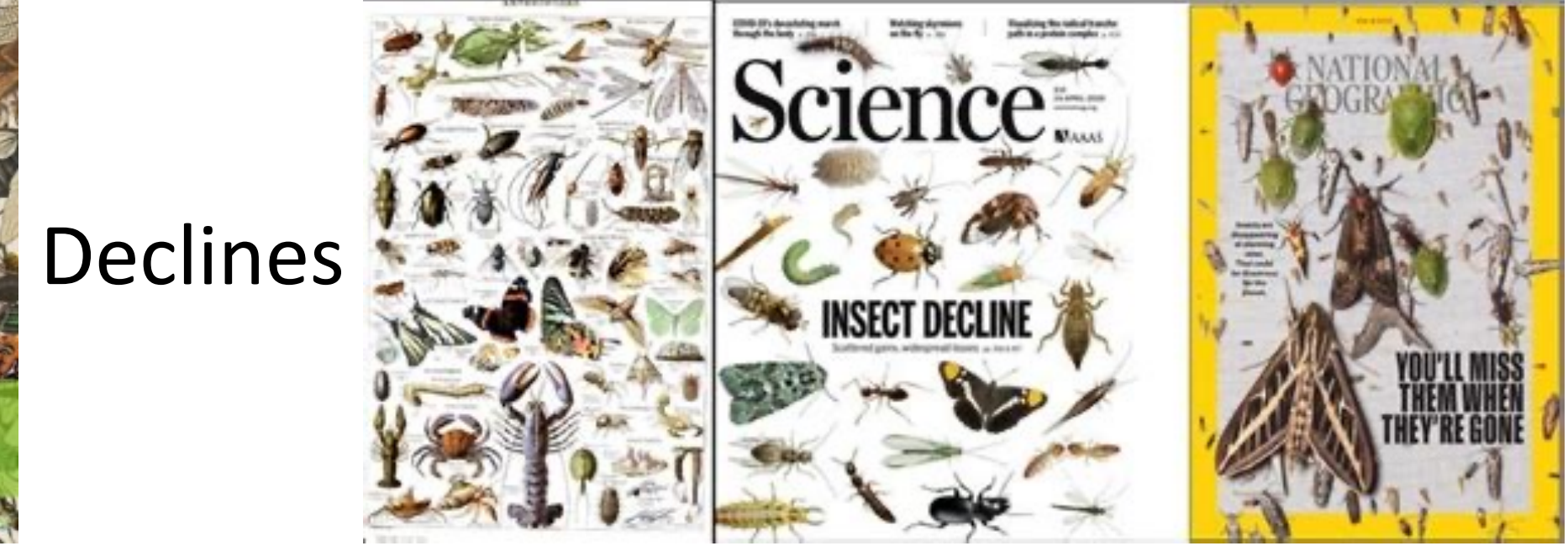
Pollination



Food webs



Decomposition



Broader impacts

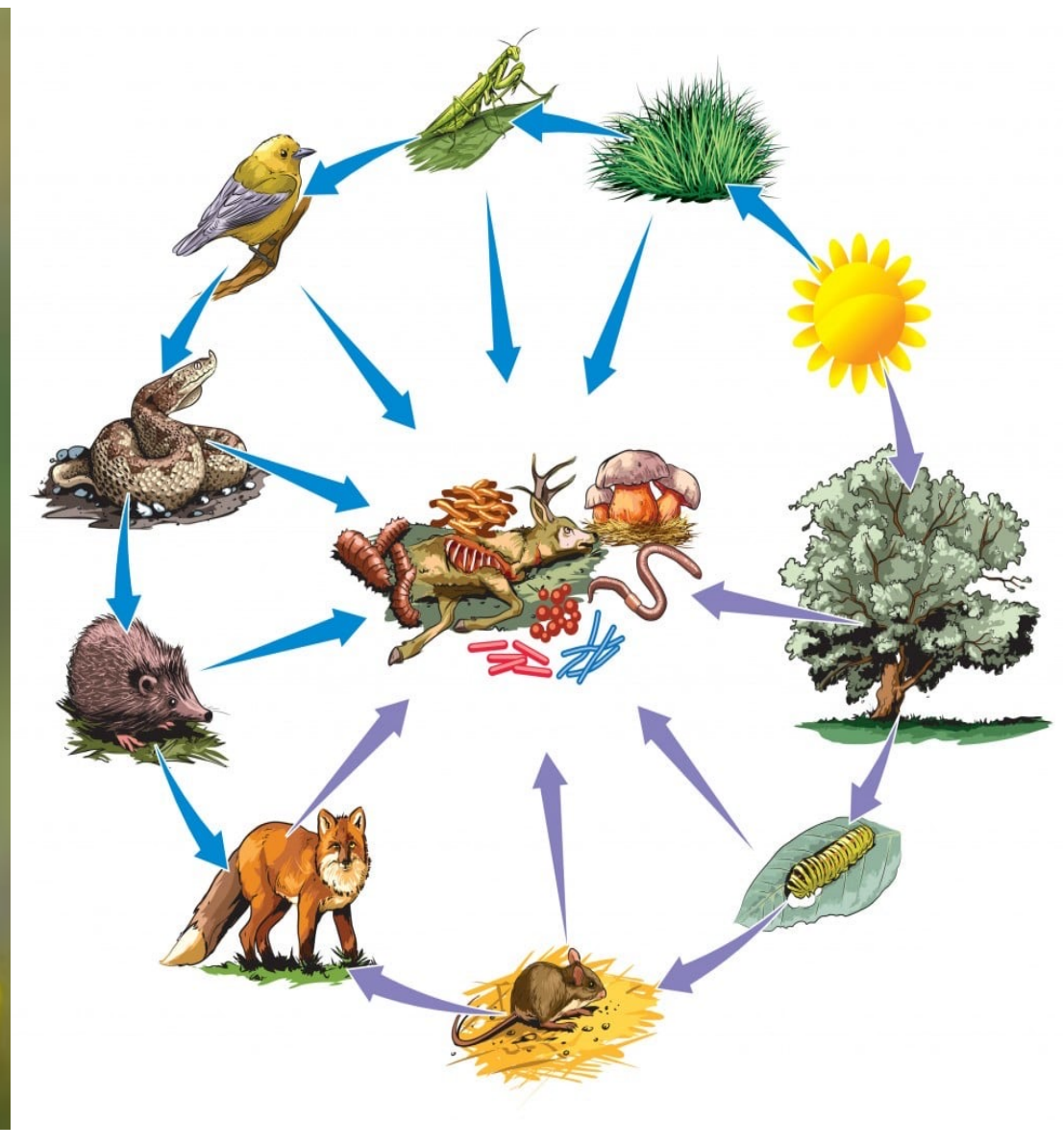
Higher plant biodiversity



More insects as temperatures change and heatwaves increase



Healthier food webs



Cold-blooded insects are sensitive to changing temperatures

Some insects eat many different types of plants



Acknowledgements



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