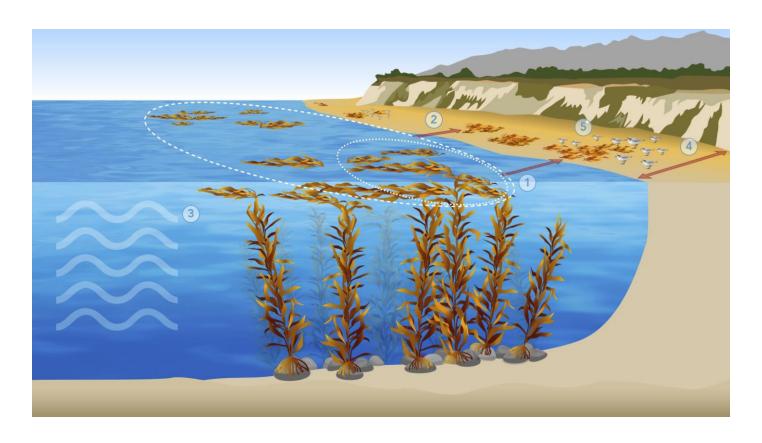
Marine-based diets of Puget Sound western fence lizards

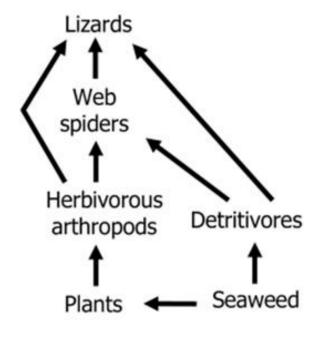


Alexi Ebersole, Marie E. Bunker, Stacey Weiss and Kena Fox-Dobbs University of Puget Sound, Biology and Geology Departments

Spatial subsidies: cross-boundary resource flow

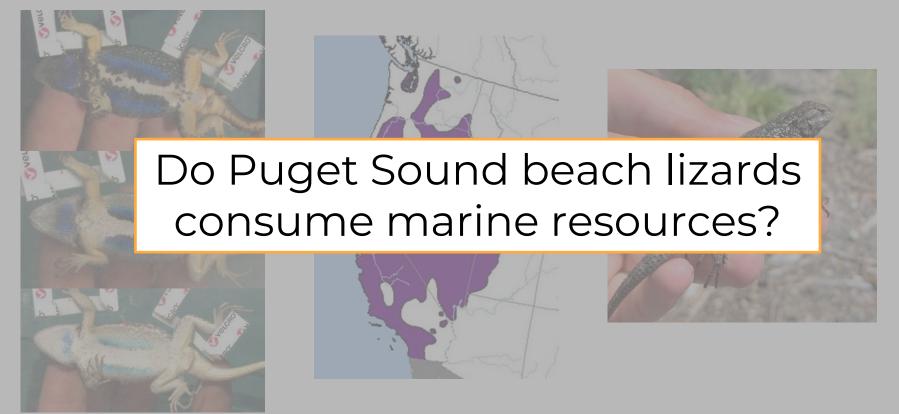


Spatial subsidies: cross-boundary resource flow

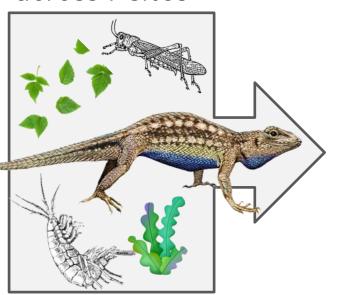


Spiller et al. 2010

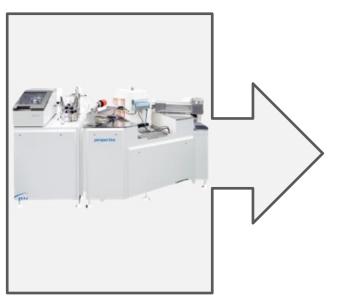
Western Fence Lizards in Washington State



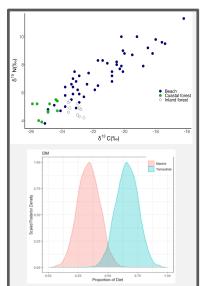
Field sampling across 7 sites

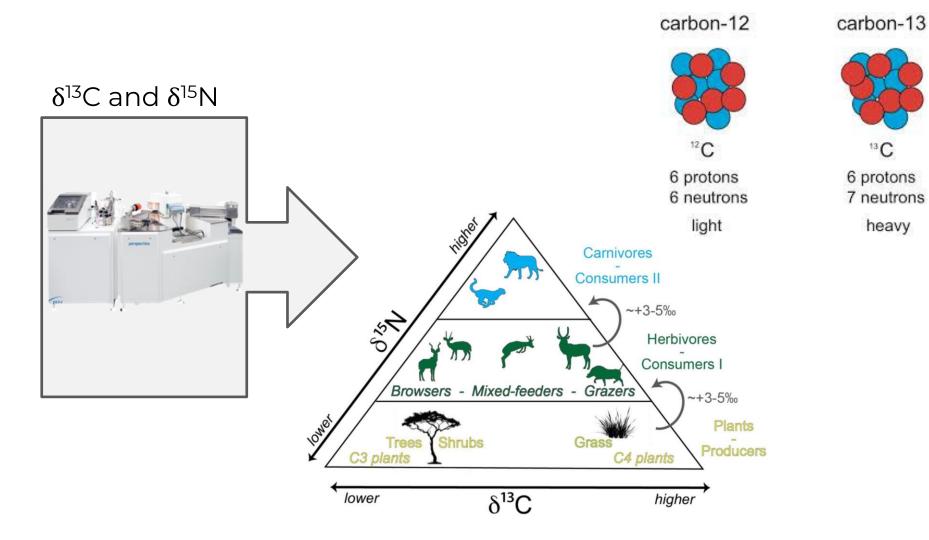


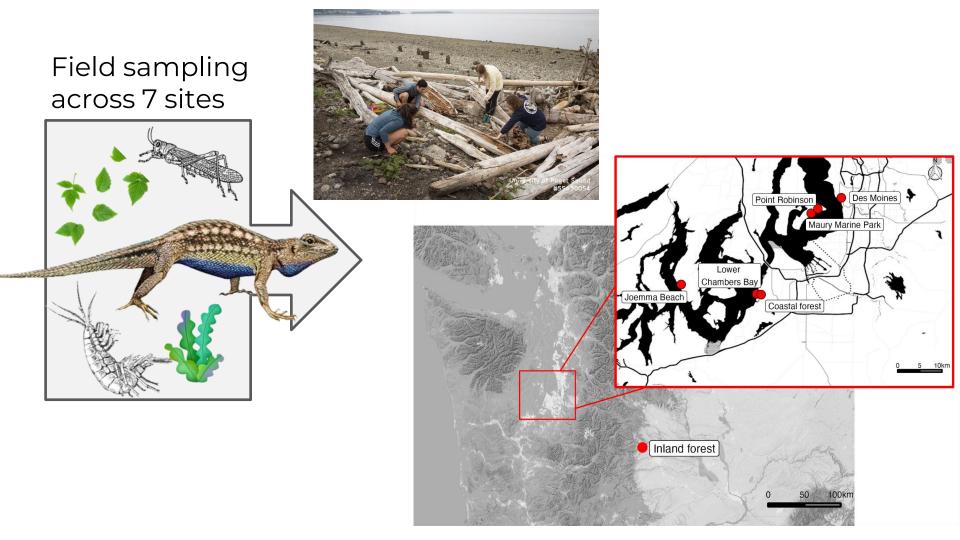
 δ^{13} C and δ^{15} N



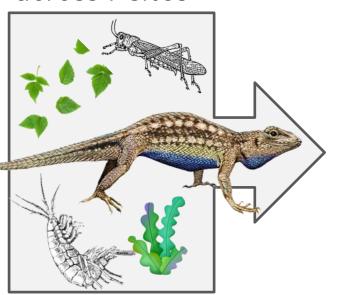
Estimate marine diet contribution



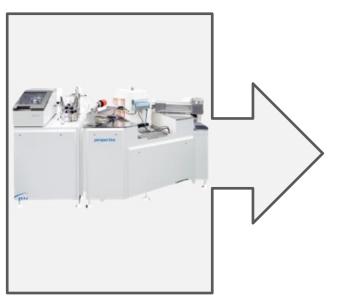




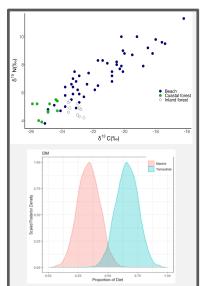
Field sampling across 7 sites

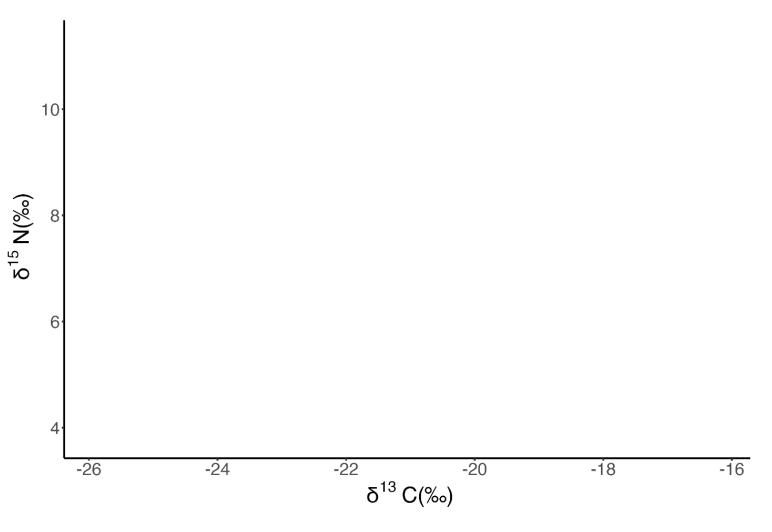


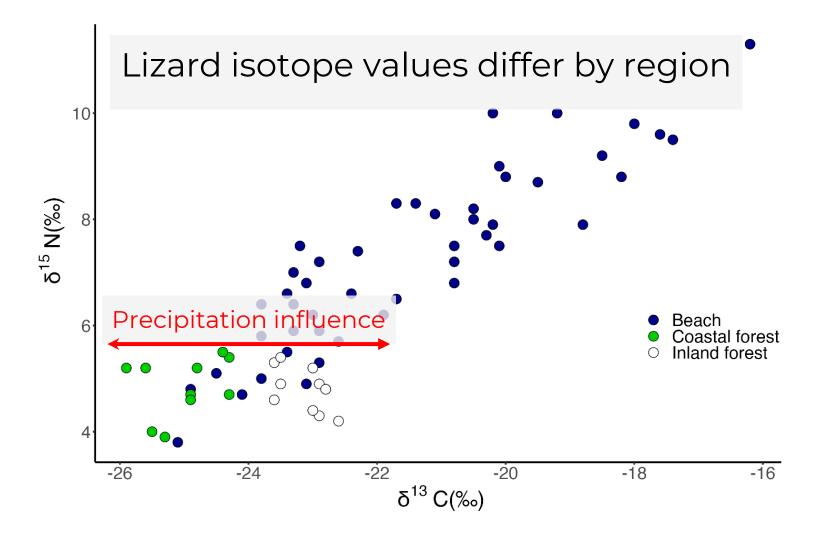
 δ^{13} C and δ^{15} N

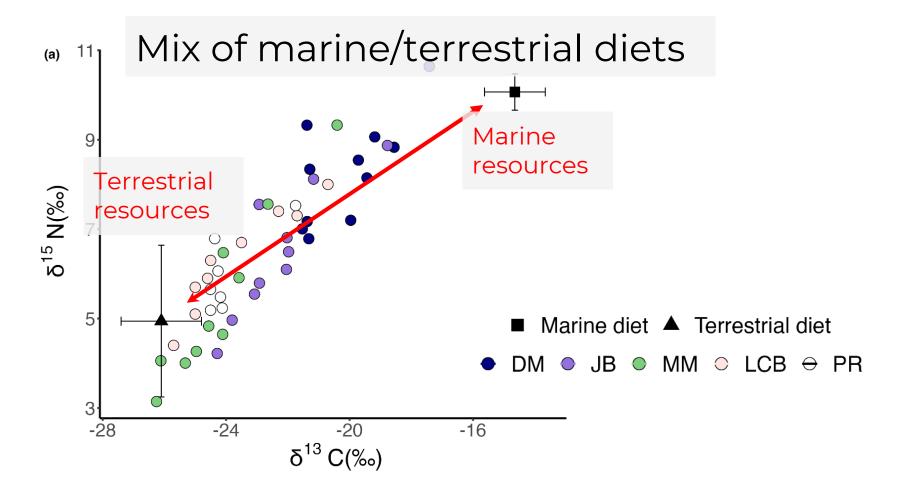


Estimate marine diet contribution











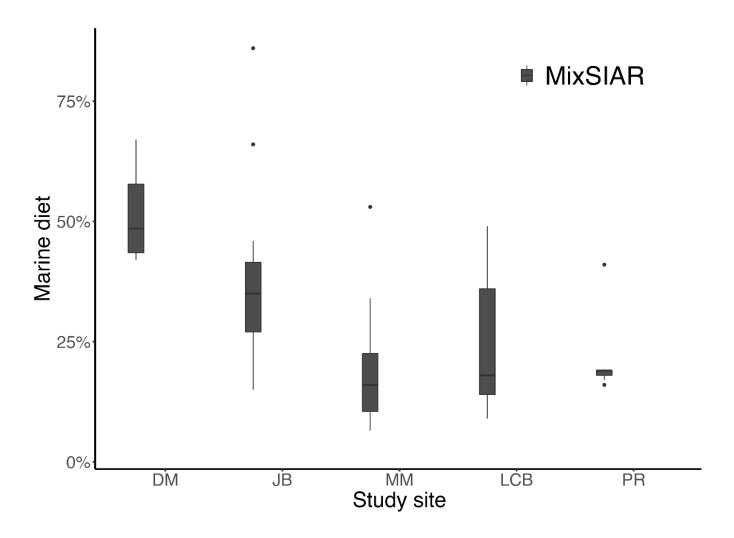
Despite proximity...

No marine diets at coastal forest site





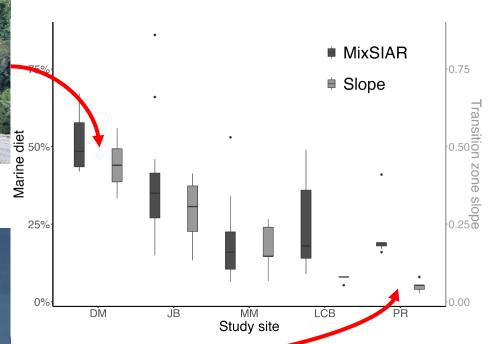
Image © 2024 Airbu



Steeper = marine diet*





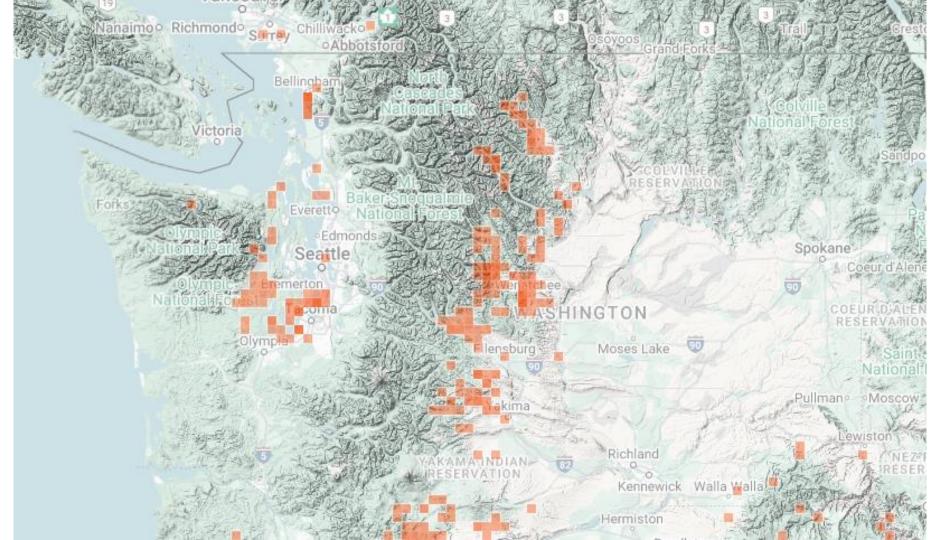






















Dr. Stacey Weiss sweiss@pugetsound.edu



Dr. Kena Fox-Dobbs kena@pugetsound.edu



Marie Bunker mbunker@pugetsound.edu



Alexi Ebersole alexi.eber34@gmail.com

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Inter- and intrapopulation resource use variation of marine subsidized western fence lizards

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