



**Figure S1: Estimates of pH sensitivity of Puget Sound species by adult mineralogy at different taxonomic levels.**

pH sensitivity survival scalars were estimated for Puget Sound species and assigned to each species at the family (a), order (b), or class (c) level. These data were organized by the calcium carbonate mineralogy of these species in the adult life stage. Each colored point is the survival scalar for a single

species. The box plots show the median of the distribution (line), the 25–75% quartiles (box), 1.5 times the interquartile range (Tukey, 1977), and the outliers (black points). The abiotic calcium carbonate mineralogy (y-axis) is ordered from most soluble at the top to least soluble at the bottom. As the mineral combinations in adults are different than those in early life stages, the mineral mixtures included in these graphs are different than those in Figure 4.