



Figure 4. Violin plot depicting the results of a linear model with the effects of the interaction between nitrogen site quality and phosphorus site quality. EPT index values are shown for the different combinations of nitrogen–phosphorus site quality interactions. Sites were given a site quality ranking of ...good... if they were below the maximum threshold deemed safe by the US. If they were above this threshold, a site quality ranking of ...poor... was given. Threshold value for nitrogen concentrations was 700 micrograms per litre. Threshold value for phosphorus was 20 micrograms per litre. EPT index value for good:good was 0.008110306. EPT index value for good:poor was 0.01057073. EPT index value for poor:good was 0.01125076. EPT index value for poor:poor was 0.008992542. P value = 0.8416. EPT Index values have been log transformed.