



**Figure.** Traits of beetle species correlated with their responses to experimental forest fragmentation. A species' response to fragmentation (effect size) was calculated as the mean difference in  $\ln(\text{abundance})$  between fragments and controls. Points are means across species. Bars are 95 % confidence intervals. **A** and **B**, isolation on fragments or not in 1<sup>st</sup> and 3<sup>rd</sup> decades; **C** and **D**, trophic levels for all species in 1<sup>st</sup> and 3<sup>rd</sup> decades; **E** and **F**, trophic levels for isolated species only in 1<sup>st</sup> and 3<sup>rd</sup> decades.