

S4. Average niche overlap plotted against rank of niche neighbor at Charcote and Charcotico during the four sampling months. Values are plotted for observed data (squares) and null model estimates (circles) based on the *conserved-zeros matrix* pseudo-community method (Winemiller & Pianka 1990). Rank of neighbor in niche space differs between sites and sampling months due to changes in species richness. The low-water period is represented by January, high water by September, and falling water by November and December.

□ Observed overlap values ○ Simulated (conservative niche) overlap values

