

Fig. S1. A visual summary of the contribution of each landmark on a representative threespine stickleback (*Gasterosteus aculeatus*) from Little Quarry Lake to shape changes associated with the first two principal components. The base of each arrow indicates the mean landmark position of all fish sampled from Little Quarry Lake. Arrows indicate the direction and magnitude of change in each landmark coordinate (x and y) per four standard deviations of change in pc1 (upper panel) and pc2 (lower panel).

