

**Fig. S1.** Mean  $(\pm SD)$  number (A) and mass (B; mg) of gastroliths (gizzard 'rocks') collected from king quail offered low fibre (LF; n = 6), high fibre balanced (HFB; n=6) and high fibre unbalanced (HFU; n = 5) diets. Note: Gizzard contents from one quail offered the HFU diet was inadvertently discarded.