**Supporting Information**



Figure S1. The relationship between carcass weight and average larval mass (a) and larval density (b) on lab and wild carcasses.

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Figure S2. The relationship between tissue nutrient content and larval growth. Panel (a) and (b) include observations from both lab and wild carcasses; panel (c) and (d) include only observations from wild carcasses. Solid and dashed lines represent significant and non-significant relationships, respectively (*α* = 0.05).



Figure S3. The relationship between carcass weight and brood mass on lab and wild carcasses with two observations on large wild carcasses removed.