**Supplementary Information**

**Santos et al. Seed gut-passage through fish**

**![A close up of a green plant

Description automatically generated]()**



d



c



b



a

**Figure S1:** (a) Study area in the Teles Pires River, Mato Grosso, Brazil, where *Brycon falcatus* was collected during May of 2018. (b) Fruiting *Ficus gomelleira* (Moraceae) trees on the bank of the Teles Pires River during the wet season; inserted box shows ripe syconia. (c) A school of young *B. falcatus* foraging at a tributary stream of the Teles Pires River. (d) An individual of *B. falcatus* photographed after the experiments (~13 cm total length). The rapids in the image (a) and the tributary stream (c) were flooded by the filling of the Sinop Hydroelectric Dam between March and April of 2019; the area is currently a lake. There are currently four hydroelectric dams operating in the Teles Pires River.

A close up of a map

Description automatically generated

**Figure S2:** A Generalized Additive Model shows variable increase in intestine length with fish length for *Brycon falcatus*.