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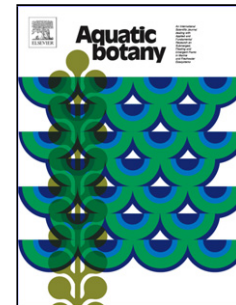
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An overview on the effects of fish consumption on seed germination: pitfalls, challenges, and directions

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Although traditionally neglected in studies of animal-plant interactions, fish are nowadays considered important seed dispersers of aquatic, riparian and floodplain plant species (Correa et al., 2015b). Interestingly, since the pioneering studies on seed dispersal by fish (i.e., ichthyochory), authors have not only described fruit consumption by fish in flooded forests, but have also investigated how frugivorous fish may affect plant fitness by dispersing seeds. Specifically, classic and contemporary studies used experiments to explore how the passage of seeds through a fish's digestive tract can affect germination success and/or speed (see Correa et al., 2007; Pollux, 2011).

Experimental studies have shown that tropical and temperate fishes can keep seeds intact and viable after ingestion, break dormancy, enhance germination success

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