

Ecosphere

Estimates of fish and coral larvae as nutrient subsidies to coral reef ecosystems

Jacob E. Allgeier, Kelly E. Speare, and Deron E. Burkepile

Appendix S1

Table S1. Nutrient estimates for coral and fish larvae. For coral larvae, nutrient content was estimated from coral eggs, not larvae.

	Citation	Species	C	units	N	units	P	units
Fish	Pfeiler et al. 1998 Marine Bio	bonefish				9 % Dry Wt		0.6 % Dry Wt
		bonefish				10.4 % Dry Wt		1 % Dry Wt
	Pilati & Vanni Oikos_2007	shad		48 % Dry Wt		12 % Dry Wt		1 % Dry Wt
		zebrafish		50 % Dry Wt		12 % Dry Wt		1 % Dry Wt
	Coombs et al. Marine Biology 1999	Sardines	15-35	% Dry Wt	~7-12	% Dry Wt		
	Showalter et al. 2016 Freshwater Bio	bluegill				11 % Dry Wt		1.8 % Dry Wt
Harris et al. 2006 J. Fish Biology	walleye		49.2 % Dry Wt		11 % Dry Wt			
MEAN			49.066667			10.9		1.08
Coral	Wild et al. 2004	<i>Acropora digitifera</i> *	572	mg/g dry ma		38	mg/g dry mass	
	Wild et al. 2004	<i>Acropora pulchra</i> *	659	mg/g dry ma		32	mg/g dry mass	
	Wild et al. 2004	<i>Acropora millepora</i> *	601	mg/g dry ma		36	mg/g dry mass	
	Padilla-Gamin o et al 2013	<i>Montipora capitata</i> *						0.199 % Dry wt
	MEAN			610.666667			35.3333333	
	*all nutrient values for corals were estimated from coral eggs, not larvae.							