

Table 1: Publications providing data for the meta-analyses are listed below. A study is a combination of taxon and location within a publication, i.e. the publication Agegian & Abbott (1985) represents two studies, one of Chlorophyta and one of Rhodophyta. There are 20 studies contributing to the benthic meta-analysis, and six studies contributing to the fish meta-analysis.

<i>Reference</i>	<i>Taxon</i>	<i>Location</i>
Benthic		
Agegian & Abbott, 1985	Chlorophyta, Phaeophyta, Rhodophyta	Hawaii
Brasileiro et al., 2015	Chlorophyta, Phaeophyta, Rhodophyta	Brazil
Cairns, 1991	Scleractinia	Galapagos and Cocos islands
Cairns, Jaap, & Lang, 2009	Scleractinia	Gulf of Mexico
Calder & Cairns, 2009	Hydroid	Gulf of Mexico
Fricke & Schuhmacher, 1983	Scleractinia	Red Sea
Fricke & Meischner, 1985	Scleractinia	Bermuda
Kinzie, 1973	Octocorallia	Jamaica
Laverick, Andradi-Brown, & Rogers, 2017	Scleractinia	Honduras
Opresko & Sánchez, 2005	Antipatharia	Caribbean
Pyle et al., 2016	Chlorophyta, Phaeophyta, Rhodophyta	Hawaiian Islands
Slattery, Diaz, & Gochfeld, 2007, unpublished	Porifera	Curacao
Slattery, Diaz, & Gochfeld, 2009, unpublished	Porifera	Bahamas
Smith et al., 2010	Scleractinia	US Virgin Islands
Wagner, 2015	Antipatharia	Hawaii
Fish		
Bejarano, Nemeth, & Appeldoorn, 2011	Fish	Puerto Rico
Brokovich et al., 2008	Fish	Red Sea
Itzkowitz et al., 1991	Fish	Jamaica
Lindfield et al., 2015	Fish	Guam
Pyle et al., 2016	Fish	Main and North Western Hawaiian islands