

Spatial variation in allometric growth of invasive lionfish has management implications

Supplementary Table 2

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Extension of data from Table 1 in the main text. This table includes all the variables collected in each study.

Table 1: Summary of 18 allometric growth parameters available for lionfish in the invaded range from peer-reviewed literature and this study. All parameters have been adjusted to convert from millimeters to grams. n = Sample size, Sex specifies whether data was presented for Females (F), Males (M), or both genders combined (B), a = scaling parameter, b = exponent. Total Length ranges for Barbour et al (2011) and Sandel et al (2015) were estimated from figures since they did not explicitly report these parameters. An asterisk (*) in the Spear column indicates that at least some samples were obtained with pole spears.

Region	Sex	n	TL range (mm)	a	b	R^2	Depth range (m)	Years	Spear	Study
Western Atlantic	B	774	75 - 475	2.9	2.89	-	27 - 45	2004 - 2009	Yes*	Barbour et al., 2011
Western Atlantic	B	-	-	0.25	3.29	-	-	NA	NA	Darling et al., 2011
GoM	B	934	67 - 377	0.21	3.34	0.98	-	2013 - 2014	Yes	Dahl & Patterson, 2014
GoM	B	472	98 - 358	0.29	3.30	0.95	5 - 20	2011 - 2013	Yes	Aguilar-Perera & Quijano-Puerto, 2016
GoM	F	67	152 - 345	0.12	3.47	0.95	5 - 20	2011 - 2013	Yes	Aguilar-Perera & Quijano-Puerto, 2016
GoM	M	59	151 - 325	0.42	3.23	0.95	5 - 20	2011 - 2013	Yes	Aguilar-Perera & Quijano-Puerto, 2016
GoM	B	582	80 - 385	0.14	3.43	0.99	-	2012	Yes*	Fogg et al., 2013
GoM	M	119	126 - 385	0.27	3.31	0.97	-	2012	Yes*	Fogg et al., 2013
GoM	F	115	157 - 337	0.68	3.14	0.94	-	2012	Yes*	Fogg et al., 2013
Caribbean	B	458	60 - 380	3.6	2.81	-	-	2011	Yes*	Sandel et al., 2015
Caribbean	B	419	93 - 410	2.8	2.85	0.8715	18.3 - 18.3	2012 - 2014	Yes	Chin et al., 2016
Caribbean	B	1450	-	2.3	2.89	0.9216	-	-	-	de Leon et al., 2013
Caribbean	B	1887	27 - 391	0.3	3.24	0.97	15 - 30	2011	Yes*	Edwards et al., 2014
Caribbean	B	2143	25 - 375	0.52	3.18	0.9907	0.5 - 57	2009-2012	Yes*	Sabido-Itza et al., 2016
Caribbean	B	227	57.09 - 349	0.8	3.11	0.958	1 - 30	2010 - 2011	Yes*	Toledo-Hernández et al., 2014
Caribbean	B	449	100 - 395	0.23	3.25	0.97	-	2012-2013	Yes	Sabido-Itza et al., 2016b
Caribbean	B	368	60 - 380	0.32	3.19	0.98	-	2012-2013	Yes	Sabido-Itza et al., 2016b
Caribbean	B	109	34 - 310	0.32	3.23	0.9766	5.7 - 38.1	2010	No	This study