

The table below lists all variables in the habitat database and the month data collection began/ended for each variable in La Parguera, PR. The table shows all changes in methods used to collect habitat data and the variables added or discontinued.

$x$  = data collected       $o$  = data not collected

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x = data collected o = data not collected

Variable group	Variable	Level of data collection	Area sampled	Jan 01	May 01	Oct 01	Feb 02	Jun 02	Dec 02	May 03	Sep 03	Mar 04	Aug 04	Jan 05	Aug 05	Jan 06	Aug 06	Jan 07	Aug 07	Jan-08	Aug-08	To Date
Canopy height	Gorgonian height by morphology	quadrat	1-m <sup>2</sup>	o	o	o	o	x	x	x	x	x	x	x	x	x	x	x	x	x	x	
canopy height	Macroalgae height	quadrat	1-m <sup>2</sup>	o	o	o	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	
canopy height	Macroalgae height by genus	quadrat	1-m <sup>2</sup>	o	o	o	o	x	x	x	x	x	x	x	x	x	x	x	x	x	x	
canopy height	Seagrass height	quadrat	1-m <sup>2</sup>	o	o	o	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	
canopy height	Seagrass height by species	quadrat	1-m <sup>2</sup>	o	o	o	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	
canopy height	Sponge height	quadrat	1-m <sup>2</sup>	o	o	o	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	
Canopy height	Sponge height by morphology	quadrat	1-m <sup>2</sup>	o	o	o	o	x	x	x	x	x	x	x	x	x	x	x	x	x	x	
Density	# of gorgonians	quadrat	1-m <sup>2</sup>	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	
Density	# of gorgonians - by morphology	quadrat	1-m <sup>2</sup>	o	o	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	
Density	# of sponges	quadrat	1-m <sup>2</sup>	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	
Density	# of sponges - by morphology	quadrat	1-m <sup>2</sup>	o	o	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	
Density	Other benthic organisms - # of other colonies	quadrat	1-m <sup>3</sup>	o	o	o	o	o	o	o	o	o	o	x	x	x	o	o	o	o	o	
Density	Other benthic organisms - # of anemone colonies	quadrat	1-m <sup>2</sup>	o	o	o	o	x	x	x	x	x	x	x	x	x	x	x	x	x	x	
Density	Other benthic organisms - # of tunicate colonies	quadrat	1-m <sup>2</sup>	o	o	o	o	x	x	x	x	x	x	x	x	x	x	x	o	o	o	
Density	Other benthic organisms - # of hydroid (non-encrusting) colonies	quadrat	1-m <sup>2</sup>	o	o	o	o	o	o	o	o	o	o	o	o	o	x	x	x	x	x	
Density	Other benthic organisms - # of zoanthid colonies	quadrat	1-m <sup>2</sup>	o	o	o	o	x	x	x	x	x	x	x	x	x	x	x	o	o	o	
Macro Invertebrates	# of conch	Belt Transect	100-m <sup>2</sup>	o	o	o	o	o	x	x	x	x	x	x	x	x	x	x	x	x	x	
Macro Invertebrates	Lip thickness	Belt Transect	100-m <sup>2</sup>	o	o	o	o	o	x	x	x	x	x	o	o	o	o	o	o	o	o	
Macro Invertebrates	Presence / absence of conch lip	Belt Transect	100-m <sup>2</sup>	o	o	o	o	o	o	o	o	o	x	x	x	x	x	x	x	x	x	
Macro Invertebrates	# of lobsters seen	Belt Transect	100-m <sup>2</sup>	o	o	o	o	o	o	x	x	x	x	x	x	x	x	x	x	x	x	
Reef distance	Presence/absence of hardbottom w/i 4 m of transect on softbottom habitat	Belt Transect	100-m <sup>2</sup>	o	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	
Photo documentation of site	Not applicable	Site level	Unknown	o	o	o	o	o	o	o	x	x	x	x	x	x	x	x	x	x	x	
Mangrove (PR Only)	# of prop roots	quadrat	Unknown	o	o	o	o	o	o	o	o	o	o	o	x	x	x	x	x	x	x	
Mangrove (PR Only)	# of prop roots colonized by algae	quadrat	Unknown	o	o	o	o	o	o	o	o	o	o	o	o	x	x	o	x	x	o	
Mangrove (PR Only)	# of prop roots colonized by sponges	quadrat	Unknown	o	o	o	o	o	o	o	o	o	o	o	o	x	x	o	x	x	o	
Mangrove (PR Only)	# of pro roots colonized by other (tunicates, zooanthids, etc.)	quadrat	Unknown	o	o	o	o	o	o	o	o	o	o	o	o	x	x	o	x	x	o	