

Settlement and survival of *Chrysaora chesapeakei* polyps: implications for adult abundance

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Marine Ecology Progress Series 601: 139–151 (2018)

Table S1. Coordinates and locations for the 2015 *Chrysaora chesapeakei* polyp recruitment field sites. Continuous water quality data for monitoring stations associated with each site are available via Eyes on the Bay website operated by the Maryland Department of Natural Resources (<http://eyesonthebay.dnr.maryland.gov/>)

Site	Location		Water Body	Monitoring Station
	Latitude	Longitude		
MAS	39°14'40.36"N	76°35'48.96"W	Patapsco River	Masonville Cove Pier (MSC)
NAV	38°59'10.10"N	76°29'6.64"W	Severn River	WT7.1 - Severn River
HPL	38°35'35.56"N	76° 7'44.52"W	Choptank River	ET5.2 - Choptank River
PRL	38°23'38.18"N	76°30'13.40"W	Patuxent River	LE1.2 - St. Leonard
CBL	38°19'1.55"N	76°27'4.05"W	Patuxent River	LE1.4 - Drum Point
STM	38°11'43.65"N	76°27'21.51"W	St. Mary's River	St. Georges Creek (SGC)
MON	38°12'30.02"N	75°48'16.43"W	Wicomico River	Little Monie Creek (LMN)
TAN	38°13'13.64"N	76° 2'18.35"W	Tangier Sound	EE3.1 - N. Tangier Sound

Table S2. Pearson correlation coefficients (r) and respective p-values among summer and winter Residence Time (RT) averaged over (1980-2012) and salinity averaged over 1985 – 2006, throughout Chesapeake Bay. Values from all variables were extracted from a 1400 x 875 (row by column) raster of Chesapeake Bay for a total of 348,581 spatially-explicit samples (N) for each variable.

	Salinity	
	r	p-values
RT (July)	-0.83	<<0.001
RT (January)	-0.77	<<0.001
RT (Jan * July)	-0.75	<<0.001