

## Supplementary Table

The observed total lengths (TLs) from May 1995 through December 2013, the ratios of the clasper outer length to the pelvic inner length (CLO:P2I) from October 2005 through October 2013, and the plasma concentrations of testosterone (T) and progesterone (P4) from May 2008 through December 2013 in a male whale shark (*Rhincodon typus*) in captivity at the Okinawa Churaumi Aquarium in Japan. Also provided are water temperatures in the exhibition tank from May 2008 through December 2013.

Date	TL (cm)	CLO:P2I	T (ng/mL)	P4 (ng/mL)	Temp. (°C)
Mar. 1995	460				
Apr. 1996	470				
Jul. 2001	600				
Sep. 2002	660				
Aug. 2004	700				
Mar. 2005	744				
Oct. 2005		1.00			
Jul. 2006		1.02			
Sep. 2006	753				
Mar. 2007	777				
Sep. 2007	792	1.03			
May. 2008			3.27	0.11	23.6
Jun. 2008			5.80	0.42	28.1
Jul. 2008			6.05	1.20	27.7
Aug. 2008			7.64	1.42	29.7
Sep. 2008		1.03	8.04	1.15	28.4
Oct. 2008			9.17	0.85	27.6
Nov. 2008			3.43	0.16	24.6
Dec. 2008	807		3.80	0.07	23.0
Jan. 2009			3.89	0.36	22.1
Feb. 2009			3.08	0.52	22.3
Mar. 2009			5.23	0.62	22.6
Apr. 2010			4.07	0.56	22.3
Jun. 2009			4.25	0.00	23.9
Jul. 2009		1.04	8.26	0.10	29.1
Oct. 2009			7.51	0.57	25.7
Nov. 2009			9.43	0.80	24.8
Dec. 2009	832				

Date	TL (cm)	CLO:P2I	T (ng/mL)	P4 (ng/mL)	Temp. (°C)
Jan. 2010			3.61	0.33	21.6
Jun. 2010			7.40	1.13	24.0
Oct. 2010		1.05	5.78	0.05	27.1
Dec. 2010	841				
Jan. 2011			4.88	0.14	21.7
Feb. 2011			4.83	0.27	21.7
Mar. 2011			5.70	0.21	22.5
Apr. 2011			4.27	0.21	21.7
May. 2011			7.75	0.30	23.6
Jun. 2011			11.45	0.42	26.0
Jul. 2011			13.50	0.98	28.5
Aug. 2011		1.09	11.24	0.90	27.0
Oct. 2011		1.20	24.46	1.19	25.3
Nov. 2011		1.20			
Dec. 2011	853	1.37	18.36	0.35	23.4
Jan. 2012		1.37	14.73	0.26	21.9
Feb. 2012		1.38			
Mar. 2012		1.42			
Apr. 2012		1.44			
May. 2012		1.47	31.95	1.35	25.5
Jun. 2012		1.51	21.49	0.89	27.1
Jul. 2012		1.60	8.42	0.55	29.0
Aug. 2012		1.60	15.63	1.56	28.5
Sep. 2012		1.60	6.27	3.30	26.5
Oct. 2012		1.60	9.30	2.06	25.3
Nov. 2012		1.60	19.83	0.49	23.8
Dec. 2012	853	1.60	14.72	0.89	22.3
Jan. 2013		1.60	15.85	0.57	21.5
Feb. 2013		1.60			
Mar. 2013		1.60	14.18	0.13	21.7
Apr. 2013		1.60	118.04	2.84	22.4
May. 2013		1.60	90.30	1.69	22.4
Jun. 2013		1.60			
Jul. 2013		1.60	48.66	1.78	29.2
Aug. 2013		1.60	22.45	0.67	29.0
Sep. 2013		1.60	8.34	0.15	27.9
Oct. 2013		1.60	12.30	0.15	26.1
Nov. 2013			63.95	0.53	23.9
Dec. 2013	854		91.28	1.35	22.4