

## Small pelagic fish responses to fine-scale oceanographic conditions – implications for the endangered African penguin

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**Table S1.** Summary statistics of pelagic schooling fish data for 36 surveys conducted between 2011 and 2013 around St Croix and Bird islands in Algoa Bay. Both the actual number of schools recorded for each survey and the number of schools corrected for survey length are shown.

Island	Survey date	Transect length (km)	No. fish schools	No. fish schools (corrected)	Relative fish abundance (SA)	Fish dispersal index (FDI)	Mean school altitude index (MAI)
Bird Island	2011-11-24	70.5	90	96	250.7	2.8	0.25
Bird Island	2012-01-08	59.5	23	29	134.2	1.9	0.24
Bird Island	2012-02-15	62.1	32	39	151.3	3.3	0.08
Bird Island	2012-03-22	63.9	36	42	99.3	2.6	0.22
Bird Island	2012-04-26	67.1	20	22	41.5	2.8	0.20
Bird Island	2012-05-23	39.9	273	513	6802.8	6.4	0.22
Bird Island	2012-06-11	67.6	194	215	1880.2	4.9	0.27
Bird Island	2012-11-04	68.0	150	165	538.9	6.7	0.14
Bird Island	2012-12-20	66.6	288	324	695.6	6.5	0.18
Bird Island	2013-02-27	64.6	231	268	2494.0	4.6	0.29
Bird Island	2013-03-22	63.9	157	184	998.0	5.5	0.22
Bird Island	2013-04-06	65.1	78	90	1005.7	5.1	0.28
Bird Island	2013-04-21	64.9	186	215	639.4	4.9	0.15
Bird Island	2013-05-05	66.2	318	360	1764.9	4.0	0.27
Bird Island	2013-05-29	67.2	178	198	3056.0	5.1	0.24
Bird Island	2013-06-07	66.6	86	97	1301.7	2.9	0.32
Bird Island	2013-06-17	68.9	284	309	2157.4	6.5	0.26
Bird Island	2013-07-31	66.8	183	205	1356.8	8.6	0.19
St Croix	2011-10-21	94.9	14	11	46.1	1.4	0.28
St Croix	2011-11-22	105.6	85	60	195.0	2.7	0.21
St Croix	2012-01-12	60.8	22	27	105.4	2.2	0.30
St Croix	2012-02-16	62.9	19	23	53.1	1.6	0.27
St Croix	2012-03-19	104.7	59	42	102.1	3.6	0.34
St Croix	2012-05-28	86.7	99	86	221.9	2.9	0.27
St Croix	2012-06-28	79.3	149	141	576.9	2.8	0.26
St Croix	2012-07-06	70.3	132	141	309.4	4.1	0.20
St Croix	2012-11-07	91.0	85	70	121.6	1.9	0.21
St Croix	2012-12-17	72.7	262	270	1106.7	6.1	0.24
St Croix	2013-02-15	90.1	288	240	812.6	7.1	0.35
St Croix	2013-03-13	103.2	151	110	1081.5	5.8	0.33
St Croix	2013-04-13	91.0	341	281	1141.6	5.4	0.22
St Croix	2013-04-25	91.8	103	84	348.0	3.5	0.22
St Croix	2013-05-12	91.6	140	115	1018.1	3.7	0.33
St Croix	2013-05-22	55.6	105	141	604.2	4.9	0.44
St Croix	2013-06-29	89.9	411	343	498.5	4.7	0.22
St Croix	2013-07-16	97.2	126	97	95.7	4.7	0.20