Environmental Variation and How its Spatial Structure Influences the Cross-Shelf Distribution of High-Latitude Coral Communities in South Africa

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**Electronic Supplementary Material 1**

**Table S1.** Sampling date, geographical position and the number of transects surveyed at 17 sites on South African coral reefs.

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| --- | --- | --- | --- | --- |
| Site | Date surveyed | Latitude (°) | Longitude (°) | No. Transects |
| Kosi Reef | May 1999 | -26.9276 | 32.8872 | 26 |
| Rabbit Rock | Aug.-Sep. 2004 | -27.0432 | 32.8701 | 40 |
| Elusive Reef | Jul. 2002 | -27.2482 | 32.7897 | 2 |
| Island Rock | Nov. 2002 | -27.2759 | 32.7794 | 2 |
| Gogo’s Reef | Jul. 2002 | -27.3191 | 32.7627 | 5 |
| Brewers Reef | Jul. 2002 | -27.3334 | 32.7585 | 14 |
| Coachman’s | Jul. & Nov.2002 | -27.3396 | 32.7566 | 6 |
| Regal Reef | Jul. & Nov. 2002 | -27.3461 | 32.7505 | 6 |
| Mbibi Reef | Aug. 2004 | -27.3725 | 32.7421 | 6 |
| Nine-mile Reef | Feb. & Mar.2000  Mar. 2004 | -27.4155 | 32.7261 | 25 |
| Ramsay Reef | Mar. 2004 | -27.4430 | 32.7142 | 4 |
| Seven-mile Reef | Jan. & Feb. 2000 | -27.4514 | 32.7122 | 17 |
| Five-mile Reef | May 2000 | -27.4929 | 32.6938 | 11 |
| Two-mile Reef | Apr. 1999  Feb. & Nov. 2000  Jan. 2001 | -27.5152 | 32.6923 | 58 |
| Sponge Reef | Aug. 2000 | -27.5194 | 32.6952 | 4 |
| Red Sands Reef | Feb. & Nov. 2003  Aug.2004  Feb. & Jun. 2005 | -27.7527 | 32.6351 | 73 |
| Leadsman Shoal | Mar. 2003 | -27.8395 | 32.6161 | 124 |