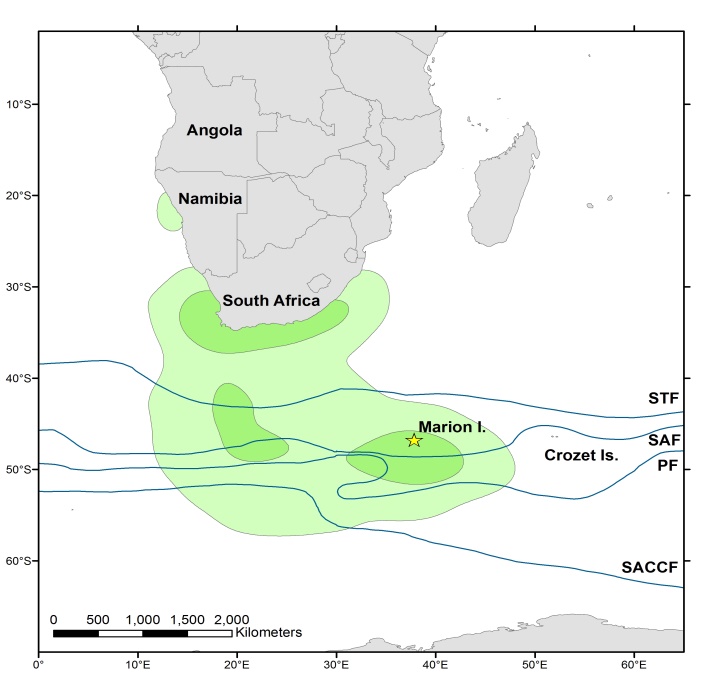
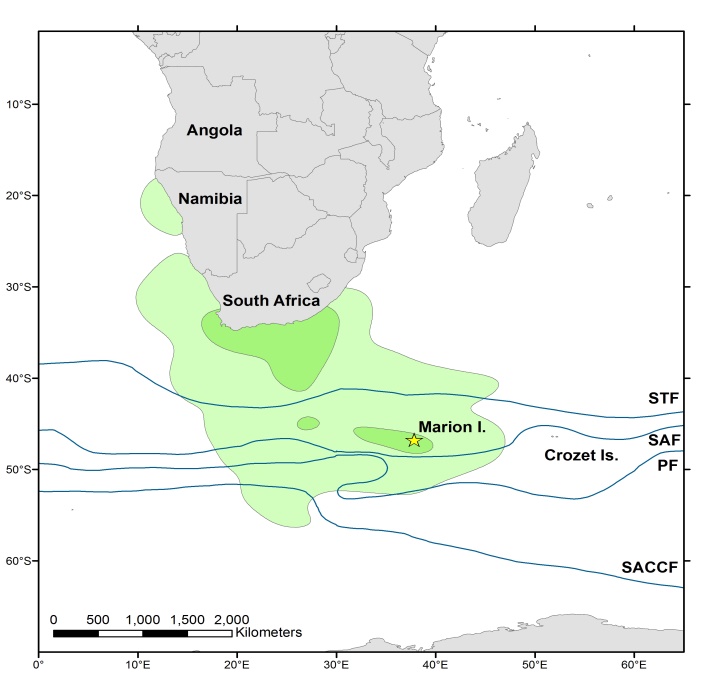
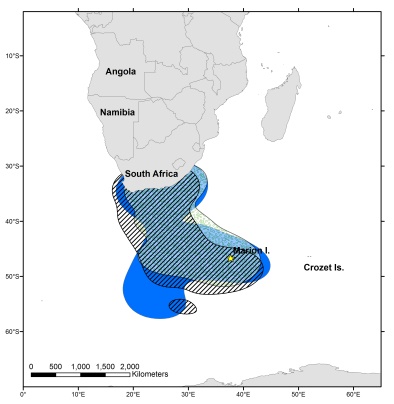
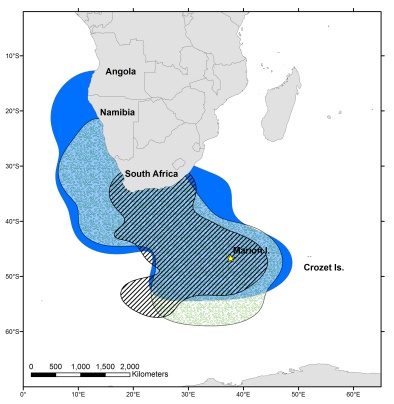
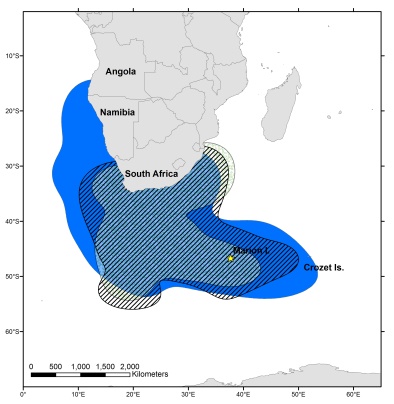
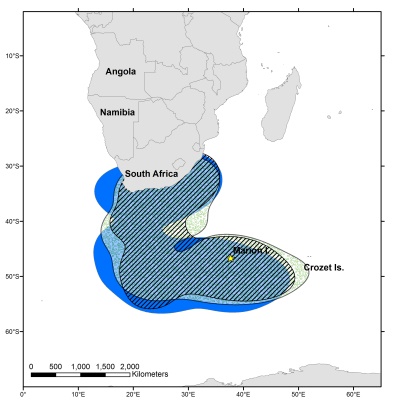
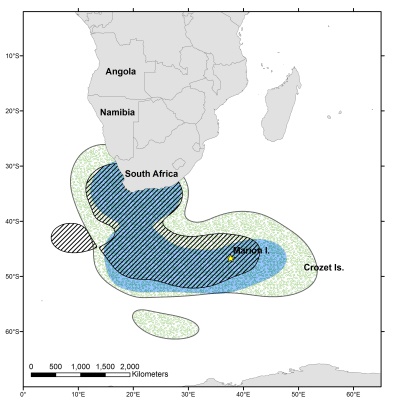
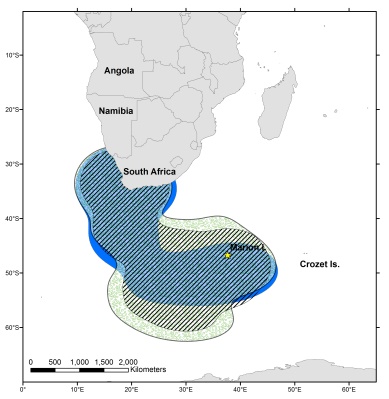
1. b.



**Appendix 1** Year-round 50% (dark green) and 95% (light green) density kernels of female (a; *n* = 4) and male (b; *n* = 6) white-chinned petrels breeding at Marion Island. = Breeding colony on Marion Island, STF = Subtropical Front, SAF = Subantarctic Front, PF = Polar Front, and SACCF = Southern Antarctic Circumpolar Current Front.



Bird 1

Bird 2

Bird 3

Bird 4

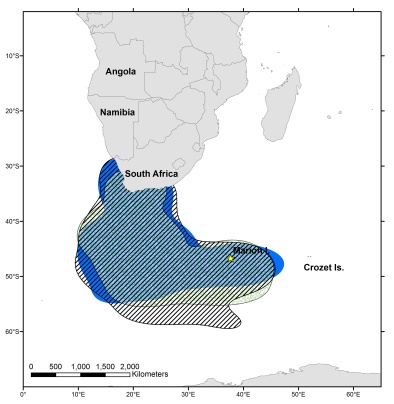
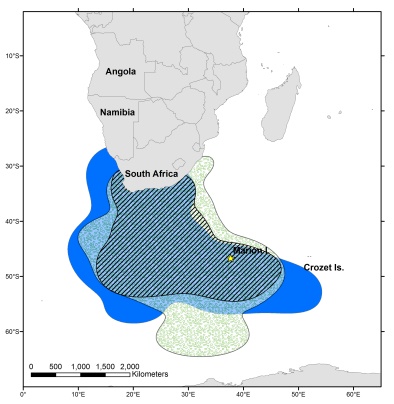
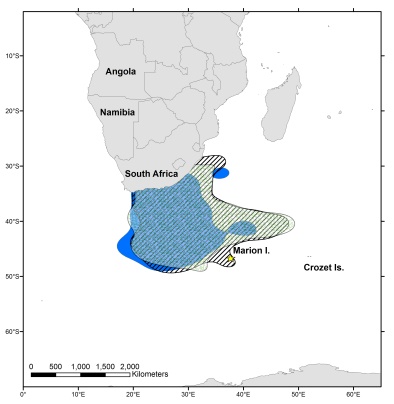
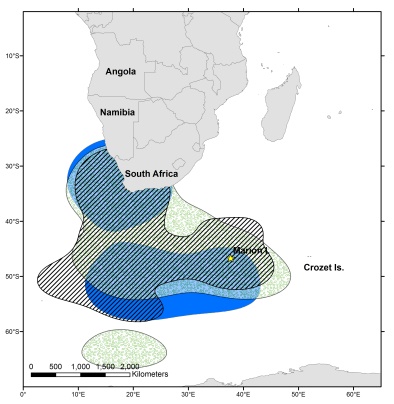
Bird 5

Bird 6

**Appendix 2** 95% density kernels of white-chinned petrels from Marion Island, during 2009/2010 (green dots), 2011 (diagonal stripes) and 2012 (solid blue).= Breeding colony on Marion Island.

Bird 7

Bird 8



Bird 9

Bird 10

**Appendix 2** (continued)