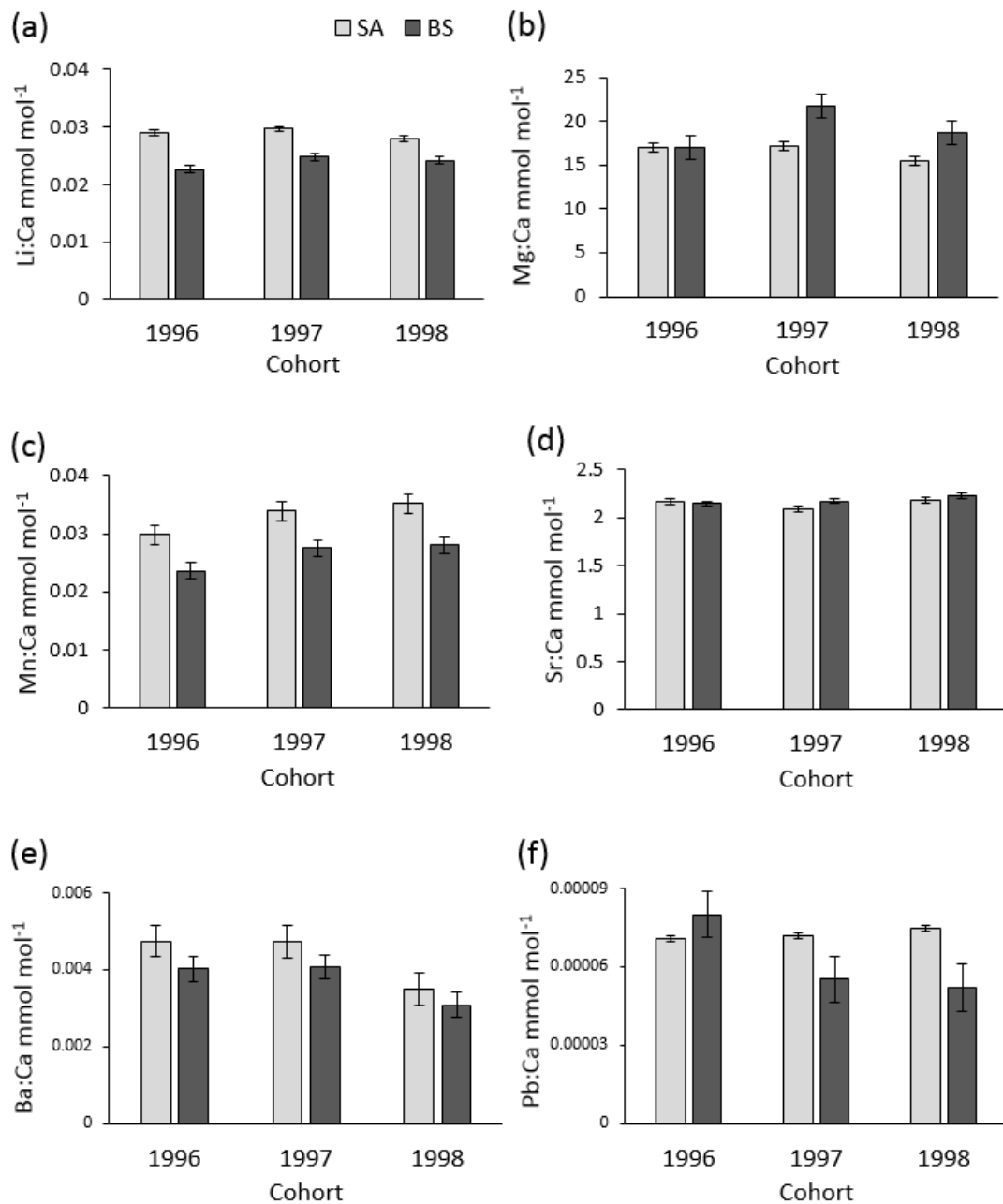


## Natural tags reveal populations of Conservation Dependent school shark use different pupping areas

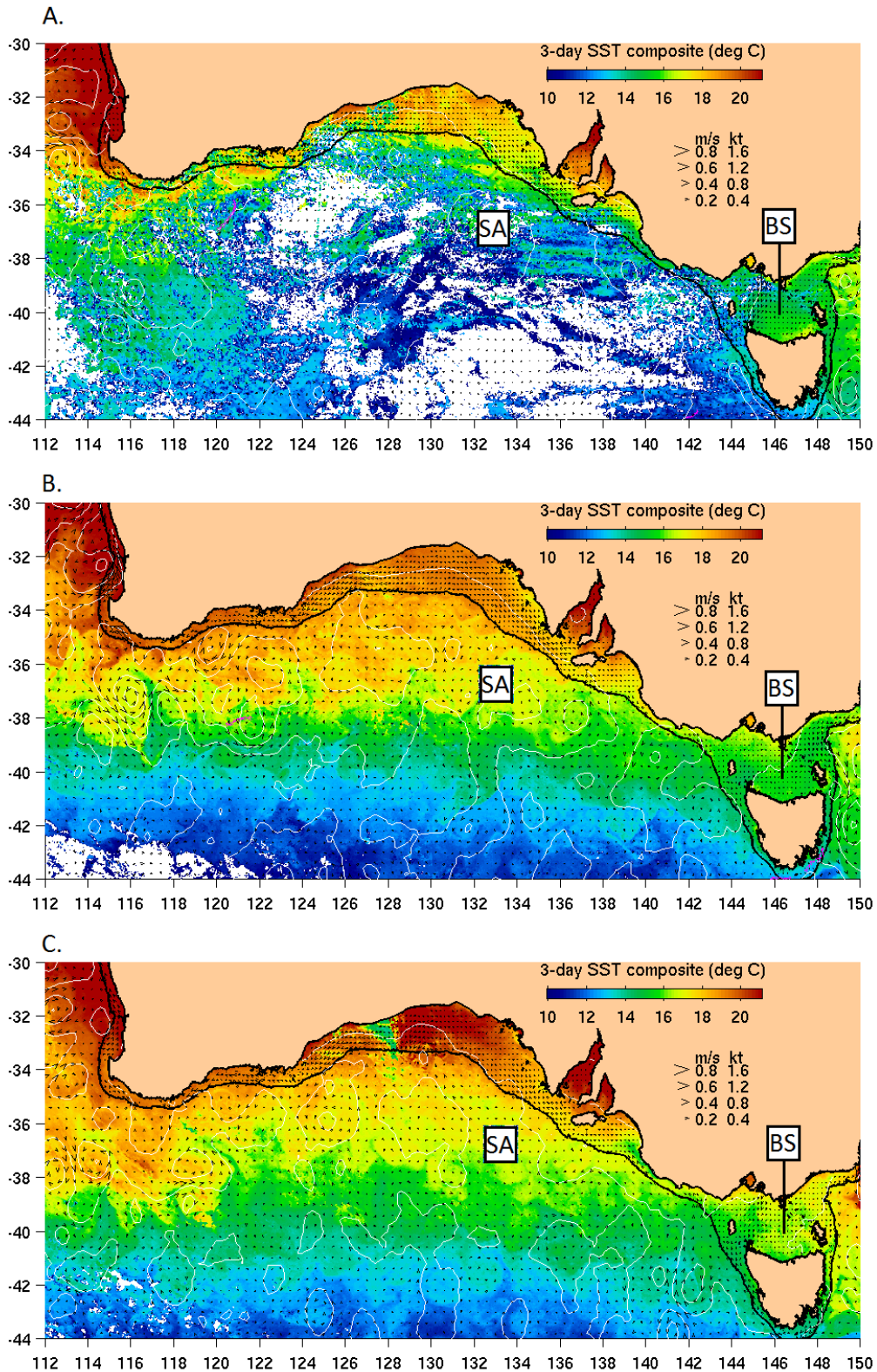
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**Fig. S1.** Mean element:Ca concentrations in vertebrae of *G. galeus* for six elements: Li (a), Mg (b), Mn (c), Sr (d), Ba (e) and Pb (f) with standard error. Columns are clustered by cohort (born in 1996, 1997 and 1998). Sharks caught in SA are light shaded and BS is dark shaded.



**Fig. S2.** Sea surface temperature (3-day composite SST) in southern Australia as close as possible to the 1<sup>st</sup> January arbitrary birth date for all cohorts: A = 1996 (29<sup>th</sup> December 1995), B = 1997 (31<sup>st</sup> December 1996) and C = 1998 (30<sup>th</sup> December 1997), showing the generally warmer coastal water temperatures at the lower latitudes of South Australia (SA) compared to Bass Strait (BS) (IMOS, 2016).

Literature cited:

IMOS (Integrated Marine Observing System) (2016) Three day composite sea surface temperature index for Great Australian Bight. IMOS, Hobart. <http://oceancurrent.imos.org.au/sst.php#> (accessed on 31 Aug 2016)