

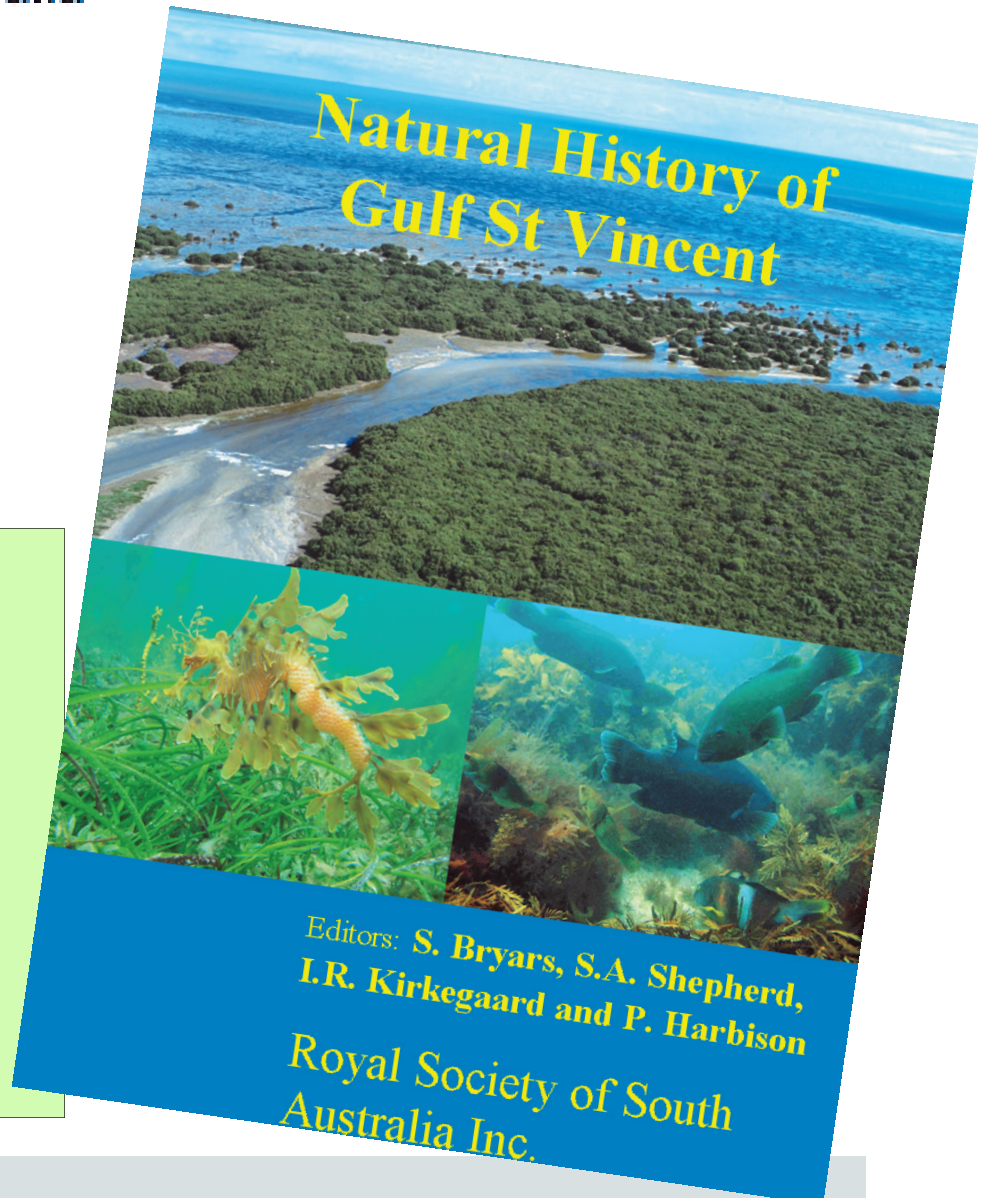


Natural History of Gulf St Vincent

November 2007



Government of
South Australia



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Australia Inc.**

*Natural History of Gulf
St Vincent is produced by the
Royal Society of South Australia,
as part of its occasional publication series,
in collaboration with:*

- *South Australian Research and Development Institute*
- *Primary Industries and Resources South Australia*
- *Friends of Gulf St Vincent*
- *Department for Environment and Heritage*

Natural History of Gulf St Vincent includes contributions on:

Geology - by Neville Alley and Brian McGowran.

Oceanography - John Bye updates his contribution to the 1976 'Natural History of the Adelaide Region' and Peter Petrussevic writes about the value of satellite imagery in measuring sea temperatures in the Gulf.

Intertidal - Doug Fotheringham and Peri Coleman on saltmarshes, Pat Harbison on mangroves and Kirsten Benkendorff and colleagues on sandy and rocky shores.

Seagrasses - several chapters, including their significance by Simon Bryars and colleagues, and the assemblages of fish associated with seagrasses by Keith Jones.

A paper from Rob Fitzpatrick on the threat of **acid sulphate soils**.

A chapter on estuaries by Bronwyn Gillanders, and an overview of the effects of the thermal plume from the power station in Angas Inlet by Keith Jones.

Back out in the gulf proper, a contribution on soft sediments, with observations on dredging and dumping, by Maylene Loo and Sharon Drabsch.

Alan Butler writes on the **biology of reefs**, including artificial substrates such as jetty piles, and David Turner, Greg Collings and Karen Edyvane write on the algal communities.

Scoresby Shepherd and Janine Baker write on **fishes of coastal reefs** and Robert Browne and colleagues add a chapter on the now protected **pipefishes and seahorses**.

Alan Butler writes about **razor fish and scallops**.

A chapter by Grant Westphalen considers the problem of **introduced species** in the Gulf.

There are chapters on **small pelagics (sardine and anchovy), sharks, snapper, whiting, salmon, garfish, squid, prawns, abalone and crabs**, all with information that has not previously been available in a single volume; each chapter discusses management.

Cath Kemper, Peter Shaughnessy and Mike Bossley have written on **whales, dolphins** and other mammals, and Greg Johnston and Annalise Wiebkin have written on **seabirds and shore-birds** in general, and penguins in particular.

Finally the editors summarise the changes that have happened, and consider management of the system as a whole.

The book is well illustrated with line drawings and photographs, and will include tables of data for the serious student.

Quite simply, it will be the definitive work on the Gulf, we think, for at least the next 30 years.

The book is expected to cost under \$100