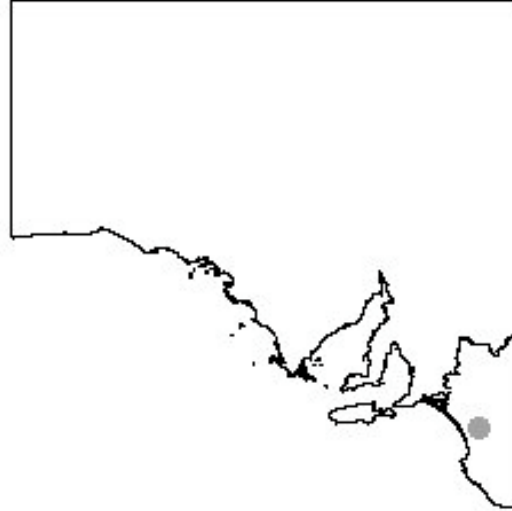


Biological Survey of Gum Lagoon, Upper South East

Davies, R. J-P. (2000). *Flora and Fauna Survey of Gum Lagoon Conservation Park 1995-1996, and implications for park management*. Nature Conservation Society of South Australia Inc.

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from NCSSA.
120 Wakefield St
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(www.ncssa.asn.au)



Summary:

This report describes in detail the findings of 2 Nature Conservation Society of South Australia surveys of the flora and fauna of Gum Lagoon Conservation Park, in September 1995 and October 1996. This is supplemented by information from associated vegetation and bird surveys, and data in the DEH Reserves Database.

A total of 39 vegetation quadrats, 29 vertebrate sites and 52 bird sites were sampled throughout the park, covering all major landforms and soil types in the park, using the "Biological Survey of South Australia" method.

- 11 distinct floristic communities were identified in the Gum Lagoon Conservation Park, including 5 that are threatened in the South East.
- 375 indigenous plant species were recorded in the park, including 4 which are nationally threatened or rare, 42 which are threatened, rare or uncommon in South Australia, and 28 threatened, rare or uncommon in the South East region.
- 12 native mammal species were recorded in the park, including 3 that are rare in South Australia, and 1 rare in the South East region.
- 19 reptile species and 5 amphibian species were recorded in the park, including 1 lizard that is rare in South Australia and threatened in the South East, and another which is regionally rare.
- 141 native bird species were recorded in the park, including 3 that are nationally threatened or rare, 13 which are threatened, or rare in South Australia, and 31 which are threatened, rare or uncommon in the South East region.
- 62 exotic plant species, 8 feral mammals species and 5 introduced bird species were recorded for the park.

Each of the most significant plant communities, and flora and fauna species found in the park is discussed in detail, including threats to, and management recommendations for, each species.