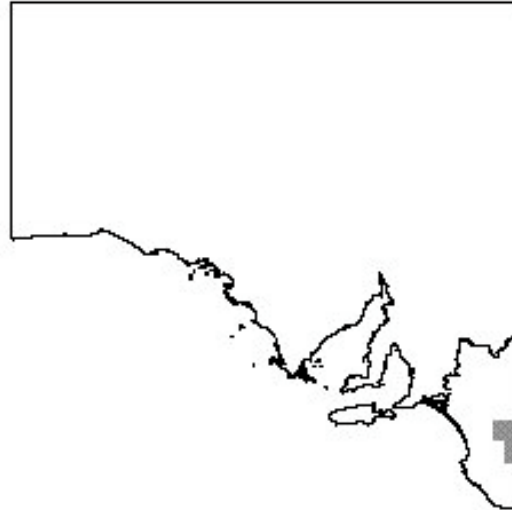


Biological Survey of Box and Buloke (bull oak) woodlands, Upper South East

Stokes, A. (1996). *A Biological Survey of the Box and Buloke Grassy Woodlands in the Upper South-east of South Australia in December 1995*. Natural Resources Group, Department of Environment and Natural Resources

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 Availability: \$15.40 (incl GST) from the Department for Environment Reception Area, 1 Richmond Road, Keswick SA 5035
 ph. 8124 4946



Summary:

A 2 week survey of the flora and fauna of remnant box and buloke (bull oak) vegetation in the Upper South East was undertaken in December 1995. Vegetation associations visited were buloke (*Allocasuarina luehmannii*) grassy woodland, grey box (*Eucalyptus microcarpa*) grassy woodland, peppermint box (*E. odorata*) grassy woodland (x *E. microcarpa*) grassy woodland, black (river) box (*E. largiflorens*) grassy woodland, broad-leaved box (*E. behriana*) ± white mallee (*E. dumosa*) peppermint box open scrub, and associated native grasslands. All of these associations are of high conservation value in South Australia.

Flora was surveyed at 48 sites, and fauna was surveyed at 18 of these. During the survey the following were recorded:

- 303 plant taxa, including 4 taxa of National conservation significance, 43 of State significance and 67 of regional significance;
- 9 native mammal species;
- 85 native bird species;
- 15 reptile species.

Invertebrates were also sampled, including a search at each fauna site for butterflies (*Lepidoptera*).

In addition to documenting the flora and fauna of the target vegetation types, this report assesses the importance to conservation of each vegetation remnant visited, provides a relative ranking for each, and thereby identifies the remnants of highest conservation significance. The sites visited represent the few remaining fragments of vegetation types that were once extensive in the area, therefore the protection of as many remnants as possible is encouraged. General management options are also discussed.