

Progress Report SP 2007-006

Biological survey of the Ravensthorpe Range

Biogeography

Project Core Team

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Project Team

granted

Program Leader

granted

Directorate

granted

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Context

The biodiversity values of the Ravensthorpe Range, an area highly prospective for mineral exploration and mining, are poorly documented and understood. The range is known for possessing high numbers of both threatened and/or locally endemic plant species and distinctive and/or threatened ecological communities. Recent and historical resource developments on the range and in the near vicinity have had significant issues with threatened flora and vegetation management. A biological survey of the Ravensthorpe Range is being undertaken to acquire additional knowledge on the floristics of the range, provide a comprehensive dataset from site-based plots on the distribution of species and floristic communities across the range, and to investigate the relationship between the floristic communities and mapped vegetation units.

Aims

Identify the botanical and invertebrate biodiversity values of the Ravensthorpe Range.

Progress

- Paper on Ravensthorpe Range vegetation communities published in *Conservation Science Western Australia*.
- Paper on correlation between floristic communities and vegetation mapping is in preparation.

Management implications

This survey will provide a regional context for the assessment of impacts from proposed resource developments on the conservation values of flora and vegetation of the Ravensthorpe Range.

Future directions

Finalise publication of paper on the correlation between floristic communities and vegetation mapping.