

Progress Report SP 2012-032

Biological survey and conservation planning for the Swan Coastal Plain bioregion and adjacent scarps (Dandaragan, Darling and Whicher)

Ecosystem Science

Project Core Team

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Project status as of July 24, 2018, 9:59 a.m.

Update requested

Document endorsements and approvals as of July 24, 2018, 9:59 a.m.

Project Team	granted
Program Leader	granted
Directorate	granted

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Context

The Swan Coastal bioregion is highly fragmented and impacted by settlement, urbanisation and industry. Detailed biological data at various levels is required to inform complex decisions on land use to conserve and protect biodiversity. This project delivers new data for the Swan Coastal bioregion and adjacent scarps (Dandaragan, Darling and Whicher) to the relevant regulatory and statutory planning agencies, local government authorities and the community on the botanical values of uncleared land in the bioregion.

Aims

- Prepare a new 1: 250,000 and 1: 50,000 vegetation complex maps for the Swan Coastal Plain.
- Prepare reports and publications on conservation reserves and offset acquisitions (proposed and actual).
- Using volunteers, survey and report on areas of interest for conservation planning of the Perth region and greater Swan Coastal Plain IBRA region.

Progress

- Vegetation complex mapping of Bunbury to Busselton published in press.
- Paper on Lambert Lane Nature Reserve published.
- 2015 surveys of South Bunbury, Ippollo Road and Harrisdale Swamp undertaken.
- Discussion paper on vegetation complex mapping prepared for funding proposal.
- Review paper on floristics of Banksia woodlands in press.

Management implications

- A better understanding of the conservation values of remnant and intact bushland areas forms the basis for improved land use planning and decision making for biodiversity conservation and natural resource management on the Swan Coastal Plain, including the Perth and Peel Green Growth Plan.

Future directions

- Update information on and complete monitoring sites for the south Bunbury greenways corridor using volunteers in association with South West Catchment Council (SWCC), City of Bunbury and the Department of Parks and Wildlife's South West Region in spring 2016.