

Annual report on TECs, PECs, Threatened and Priority Flora works in 2014-2015.

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THREATENED ECOLOGICAL COMMUNITIES

In the Swan Coastal District operational works to map and control weeds, establish and repair fences and gates, upgrade and install reserve signage, remove rubbish and re-vegetate degraded areas were undertaken in 27 reserves to benefit 15 TECs and six PECs.

Input into EIAs, liaison with private property owners and outside agencies, managing and assisting volunteers continued throughout the year to protect TECs and PECs within the district.

Dieback mapping, a dieback plan and construction of four wash down points were completed in Lowlands Reserve to benefit a Banksia PEC.

Potential 26a Limestone Ridge communities were identified in Nowergup.

THREATENED FLORA

In the Swan Coastal District operational works to map and control weeds, establish and repair fences and gates, upgrade and install reserve signage, remove rubbish and re-vegetate degraded areas, were undertaken in 23 reserves to benefit 16 taxa of threatened flora and 26 taxa with Priority conservation status.

Monitoring of 18 taxa of threatened flora within 32 populations (inclusive of sub-populations) and 9 taxa of Priority conservation status within 21 populations was undertaken. Identified three new populations of threatened flora - *Austrostipa bronwenae*, *Tetraria australiensis* and four new populations of Priority conservation status flora *Baeckea* sp. Perth Region (P3), *Gastrolobium* sp Harvey (P2), *Boronia capitata* subsp. *gracilis* (P2). Further to this, critical habitat searches were undertaken of two sites to locate four threatened flora and three sites for two Priority flora.

Burn trials were established for a *Drakaea elastica* (T), *Grevillea curviloba* subsp. *incurva* (T) and *Synaphea* sp Serpentine (T)

An IUCN nomination was completed for Priority two taxa, *Grevillea thelemanniana* subsp. *thelemanniana* to be raised to threatened flora under the Critically Endangered category.

Insects impacting threatened species *Synaphea stenoloba*, *Synaphea* sp. Pinjarra Plain and *Synaphea* sp. Serpentine were collected for identification.

Assisted in the translocation of *Macarthuria keigheryi* (T). Collection of *Conospermum undulatum* (T) cuttings for propagation and future translocation.

Dieback mapping, a dieback plan and construction of four wash down points were completed in Lowlands Reserve to benefit two threatened and three Priority species.

Staff completed input into EIAs, liaison with private property owners and outside agencies, and managing and assisting volunteers throughout the year to protect threatened flora within the district.