



**DWYERS SCRUB CONSERVATION PARK
WEED ACTION PLAN 2022-2025**



Members of LUCI's volunteer weeding team for Dwyers Scrub Conservation Park

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Purpose

To assist QPWS in managing the conservation values of the park by treating, recording and mapping weed and pest infestations in Dwyers Scrub Conservation Park (DSCP).

Background

The DSCP volunteer weeding project commenced in October 2015 with LUCI members registered as volunteers with Queensland Parks and Wildlife Service (QPWS). On 6th September 2021, LUCI signed a Collaborative Agreement with the Queensland Department of Environment and Science (DES) to assist QPWS in weed management and manage the volunteer program. The development of a weed action plan based on on-ground weed mapping would guide LUCI in its assistance to QPWS.

Weed mapping was undertaken by Redleaf Environmental in August 2022 with funding support from the Queensland Government's Community Sustainability Action Grant Round 6: Community Engagement on Queensland's National Parks and State Forests. Redleaf's report provided LUCI with a strategy for undertaking weed control work based on the mapping of the density and distribution of six major weed species: Lantana, Cats Claw vine, Madeira vine, Coral Berry, Brazilian Nightshade and Passiflora.

Strategy

LUCI will pursue a staged approach to weed control work focusing on:

- a) canopy killer vines (Cat's Claw and Madeira) as highest priority weeds;
- b) address areas of low weed cover initially and work towards areas of high cover with prioritisation of low weed cover areas based on high conservation value (e.g. Black-breasted Button-quail (BBBQ) habitat);
- c) secondary priority weeds (Coral Berry, Brazilian Nightshade, Passiflora) to be treated in areas of high conservation value (e.g. areas with evidence of BBBQ presence and high litter cover);
- d) weed infestations along main creek lines to assist in containing the spread of the weeds;
- e) lantana control around the perimeter of the SEVT areas and in highly disturbed areas within the SEVT areas using targeted foliar spraying methods and then selective hand weeding; and
- f) identification of post-treatment areas with potential for successful regeneration action.

Progress and results will be monitored on an annual basis at several Photo Point Monitoring locations.

Responsibilities

A LUCI project coordinator will be responsible for the implementation of the weed action plan in consultation with the relevant QPWS program officer and consistent with LUCI's Workplace Health and Safety policy and procedures. Other responsibilities include:

- a) volunteer recruitment, induction and training consistent with LUCI's protocols;
- b) volunteer work allocation and supervision;
- c) fulfilment of administrative requirements such as workplans, timesheets, material and equipment inventories and other work report forms (e.g. incident reports); and
- d) reporting on the implementation of the weed action plan to relevant stakeholders.

In implementing the following action plan, LUCI's Project Coordinator will work in consultation with the project team, which includes two Lockyer Valley Regional Council (LVRC) Environment Officers, and the regional QPWS program officer.

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Action	Persons responsible	Resources	Timing
Areas for immediate, interim and longer-term treatment as per Redleaf mapping and advice re high value areas prioritized in work grids and plans	LUCI project team	Volunteer hours	Completed October 2022
Lantana around the perimeter of the SEVT areas treated through targeted foliar spraying	Contractor (The World As I Am)	4 persons x 2 days	November 2022- January 2023
Lantana in highly disturbed areas within SEVT areas treated	LUCI volunteers	Monthly volunteer hours	November 2022-June 2025
Priority (canopy killer vines) and secondary weeds (Coral Berry, Brazilian Nightshade, Passiflora) in high value areas treated	LUCI volunteers	Monthly volunteer hours	November 2022-June 2025
Post-treatment areas with potential for successful regeneration action identified	LUCI Project Team	Volunteer hours	November 2022-June 2025
Weed treatment progress and results monitored at PPM locations	LUCI Project Team LVRC Officers	Volunteer hours Half day per monitoring event	August 2022 June 2023 June 2024 June 2025
Promotions <ul style="list-style-type: none"> - volunteer weeding opportunities - open day to view work 	LUCI Project Coordinator LUCI Project Team	2 hours 1 day	March 2023 June 2024
Reports on progress and results to relevant stakeholders	LUCI Project Coordinator	1 week in total	Six monthly reports and final report September 2025 to DES and regional QPWS program officer.



Above Cat's Claw vine infestation in DSCP and below Madeira vine infestation in DSCP.

