

Mount Lofty Ranges Dieback Database

Site Record

Date _____

Observer

Name _____

Address _____

Contact _____

Location Description _____

Mapsheets No _____ Map Name _____

GPS Datum (AGD66) (WGS84) (GDA94) (Circle One)

AMG Zone _____

AMG Easting _____ (6 digits)

AMG Northing _____ (7 digits)

LANDSCAPE (Tick One only)

- Ridge
- Hillslope
- Flat
- Depression
- Gully/drainage line
- Other (explain) _____

VEGETATION STRUCTURE (Tick One only)

- Trees over grasses
- Shrubs over grasses
- Trees over shrubs and grasses
- Trees over bare ground
- Shrubs over bare ground
- Other (explain) _____

Tree Layer species _____

Shrub Layer species _____

Ground Layer species _____

REGENERATION OF TREES/SHRUBS Yes No

AFFECTED VEGETATION

Species 1

Area _____ m X _____ m no. affected _____ % affected _____

Species 2

Area _____ m X _____ m no. affected _____ % affected _____

PART(S) AFFECTED (Tick all that apply)

sp1 sp2

- Whole tree / shrub
- Single or several branches
- Branch extremities only
- Individual tree / shrub
- Group of trees / shrubs
- Understorey only affected
- Overstorey only affected
- Other (explain) _____

LEAVES (Tick all that apply)

sp1 sp2

- Whole leaves yellow or discoloured
- Whole leaves brown
- Canopy thinning
- Skeletonised
- Eaten around edge
- Patchy discolouration or blisters
- Eaten off / falling off
- Lerps present
- Galls or pimples on leaves
- Insects present
- Not affected
- Other (explain) _____

TRUNK / STEMS (Tick all that apply)

sp1 sp2

- Channels and holes in trunk under bark
- Caterpillar colonies present
- Enlarged stems or woody galls
- Scale or sooty mould on stems
- New leaf growth (epicormic shoots)
- Bark removed or rubbed off
- Mistletoe
- Witches' broom
- Evidence of fire
- Not affected
- Other (explain) _____

POSSIBLE FACTORS IN TREE / SHRUB HEALTH DECLINE (Circle all that apply)

Visible and/or Underlying Factors from Diagnostic Chart:

A B C D E F G H I J K

OFFICE USE ONLY

Site Number _____ (blank for visit 1) Visit No _____ Accuracy (GPS 5-50m) (Map 1:50K 50-100m) (Map 1:100K 100-250m)

Notes on filling out Field Data sheets

These field data sheets are to be filled out when native vegetation is showing any of the signs or symptoms of ill health described in the Diagnostic chart or Booklet.

The first part of the data sheet provides a general description of the area and condition of the affected vegetation.

Observer

Name, address and contact details of person collecting data.

Date

Date of observation

Mapsheet No & Map Name

Number and name of 1:50,000 or 1:100,000 topographic map if locating site on map eg. 6727-4, Monarto

GPS

Datum, AMG Zone, Easting and Northing read from GPS eg. WGS84, Zone 54, 325687, 6189236

Location Description

Describe in words where the site is. eg. 15 km SW of Palmer or 5 km from Mt Torrens on the Birdwood road.

LANDSCAPE

Tick the box that best describes the position of the site in the broader landscape.

LAND USE

Tick the box that best describes the land use in the immediate area of the affected vegetation.

VEGETATION STRUCTURE

Tick the box that best describes the vegetation structure and any of the dominant species (if known).

PASTURE / FERTILISER USE

Tick the box that best describes the pasture improvement and fertiliser application.

HERBICIDE USE

Tick the boxes that best describe the use of herbicide in or around the affected vegetation, including any known herbicide use on land immediately adjacent (in other).

REGENERATION OF TREES / SHRUBS

If young native vegetation is regenerating, tick "Yes" box. If native vegetation is not regenerating tick "No".

The rest of the data sheet applies to the specific features, signs or symptoms showing on the affected vegetation.

AFFECTED VEGETATION

There may be more than one species dying back. Space has been provided here to describe features of 2 species. If more than 2 species are affected, use extra data sheets and append them. There is no need to fill out the general site information again as long as the sheets for each site are fixed together.

Species

Botanical name (if known) or common name of affected plant(s) eg. Eucalyptus camaldulensis or redgum.

Area

Estimate the area covered by the affected vegetation eg. 25 m X 10 m

No. affected

Where trees or shrubs affected are few enough to be counted, write the total number affected here.

% affected

Estimate percentage of canopy that is dying back on the tree(s) or shrub(s) in the affected vegetation. This helps to give an indication of the severity of the dieback.

PART(S) AFFECTED

Tick any of the applicable part or parts showing features or symptoms (can tick more than one).

LEAVES

Tick any of the applicable leaf features or symptoms (can tick more than one).

TRUNK / STEMS

Tick any of the applicable trunk or stem features or symptoms (can tick more than one).

POSSIBLE FACTORS

Mark any of the possible factors that you think may be affecting the vegetation (can mark more than one) after consulting the Booklet and Diagnostic Chart. eg. area may be saline affected, with insect attack and mistletoe – circle B, C and J.