



CAPABILITY STATEMENT | Flora, Fauna & Vegetation Surveys



Flora, fauna & vegetation surveys are often required for:

- Environmental approval processes
- Revegetation planning
- Response to planning conditions
- Determining species baseline and changes over time

Flora & Vegetation Surveys

Natural Area's capability in this area includes undertaking surveys in accordance with regulatory standards, identification of native and non-native species, vegetation type assessment, identification of Declared Rare Flora (DRF) and Priority and Threatened flora, vegetation condition mapping and weed mapping.

A typical flora survey will include:

- Checking relevant databases such as FloraBase or reviewing Department of Biodiversity, Conservation and Attractions records
- Undertaking field visits and setting up survey quadrats according to the number of vegetation types present
- Mapping flora and vegetation assemblages, cover and distribution
- Reporting outcomes.

Fauna and flora have a unique relationship and knowledge of the natural environment and Western Australia's ecosystems enable a greater understanding when undertaking surveys.



Fauna Surveys

Natural Area undertake fauna surveys over a range of sites and for a variety of reasons including Level 1 and Level 2 surveys. A Level 1 survey includes a desktop study to determine fauna assemblages present in an area. It also involves a site assessment to ground-truth the information obtained during the desktop study, provide habitat descriptions and opportunistic observations of any fauna present. A Level 1 survey will provide an indication of whether or not a Level 2 survey is required.

A Level 2 fauna survey is a targeted survey for one or more species. A variety of sampling techniques are utilised including, trapping, spot lighting, camera trapping and analysis of calls, scats and tracks.

Natural Area have a team of experienced personnel who are able to undertake all aspects of fauna surveying, including:

- Obtaining relevant approvals, licences and permits including permission for entry from the relevant land manager
- A desktop study
- Identifying likely rare, endangered, threatened or priority species that may be present in or around the site
- On-ground field sampling surveys
- Collation of data and data input
- Recording trapping sites, transects and locations where fauna was found using

Contact the Natural Area Consulting Team to discuss your flora, fauna and vegetation survey requirements.

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