



MOIST SHALE WOODLAND

Conservation status

Listed as an endangered plant community under the NSW *Threatened Species Conservation Act* 1995 and critically endangered under the Commonwealth *Environment Protection and Biodiversity Conservation Act* 1999. It is listed under Western Sydney Dry Rainforest in the Commonwealth Act.

Distribution

Moist Shale Woodland is found more in the hilly country of southern parts of the Cumberland Plain, particularly in Wollondilly and Camden. It occurs in higher rainfall areas on soils derived from Wianamatta Shales. It is a form of the Cumberland Plain Woodland favouring steeper protected slopes where it can grade into Western Sydney Dry Rainforest.

Where it is found in Fairfield

Moist Shale Woodland is found locally at Abbotsbury within the Western Sydney Parklands and the adjoining Calmsley City Farm. There is no Moist Shale Woodlands managed by Fairfield City Council.

Threatened Species found in this Community

Pimelea spicata

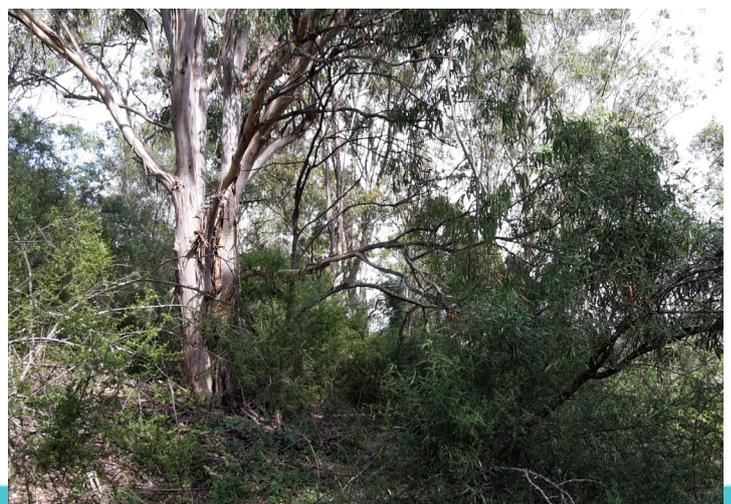
Acacia pubescens

Marsdenia viridifolia subsp. *viridifolia*

Cynanchum elegans

Threats for the community

Key threats are clearing for urban development and farming, fragmentation, weed invasion, rubbish dumping, construction of illegal tracks and inappropriate fire regimes.





The species listed below are common or typical of Moist Shale Woodland.

Canopy

- Corymbia maculata*
- Eucalyptus moluccana*
- Eucalyptus tereticornis*

Small trees

- Brachychiton populneus*
- Clerodendrum tomentosum*
- Acacia implexa*

Shrubs

- Abutilon oxycarpum*
- Breynia oblongifolia*
- Bursaria spinosa*
- Desmodium brachypodium*
- Einadia hastata*
- Myoporum montanum*
- Olearia viscidula*

Vines/twiners

- Cayratia clematidea*
- Clematis glycinoides* var. *glycinoides*
- Glycine clandestina*

Grasses

- Echinopogon ovatus*
- Entolasia marginata*
- Microlaena stipoides* var. *stipoides*

Grasses

- Oplismenus aemulus*
- Poa sieberiana* var. *sieberiana*

Herbs/ferns

- Adiantum aethiopicum*
- Arthropodium milleflorum*
- Brunoniella australis*
- Carex inversa*
- Cheilanthes distans*
- Commelina cyanea*
- Cyperus gracilis*
- Cyperus imbecillus*
- Desmodium varians*
- Dichondra repens*
- Galium propinquum*
- Geranium homeanum*
- Nyssanthes diffusa*
- Oxalis perennans*
- Plantago debilis*
- Plectranthus parviflorus*



- Rumex brownii*
- Senecio quadridentatus*
- Sigesbeckia orientalis* subsp. *orientalis*
- Solanum prinophyllum*
- Wahlenbergia gracilis*

References:

OEH (2011) Moist Shale Woodland in the Sydney Basin Bioregion - endangered ecological community listing Accessed on 20/1/2016

James T (2015) Rare and Threatened flora of the Fairfield Local Government Area.