



## WESTERN SYDNEY DRY RAINFOREST

### Conservation status

Listed as endangered under the NSW *Threatened Species and Conservation Act 1995* and critically endangered under the Commonwealth *Environment Protection and Biodiversity Conservation Act 1999* where listed together with Moist Shale Woodland. The community is poorly conserved with most patches less than 2 ha in size and on private land.

### Distribution

Associated with gullies and steep sheltered slopes in hilly areas of the Razorback Range in southern parts of the Cumberland Plain. Elsewhere it occurs sporadically in higher rainfall areas at Crescent Reach, Cattai and Kurrajong in the north and on the steeper hill slopes of Western Sydney Regional Park. Soils are fertile clay derived from Wianamatta Shale.

Western Sydney Dry Rainforest is classified as a low closed forest often with taller emergent trees such as *Eucalyptus tereticornis* (Forest Red Gum) and *Angophora floribunda* (Rough-barked Apple). Prickly-leaved Paperbark *Melaleuca styphelioides* and Rusty Fig *Ficus rubiginosa* are often dominant canopy species. Typical native small tree and shrub species include Hickory Wattle *Acacia implexa*, Native Quince *Alectryon subcinereus*, Native Violet *Hymenantha dentata* and Muttonwood *Myrsine variabilis*. The understorey contains moisture-loving herbs, ferns, sedges and vines, the latter often forming dense thickets.

### Where it is found in Fairfield

The most intact patches of Western Sydney Dry Rainforest in Fairfield are located at and near Calmsley Hill Farm in the west of the City. Small relics of a riparian form of the community occur on protected steeper banks along Cabramatta Creek (e.g. Irelands Bridges Reserve) and parts of Prospect Creek (e.g. at the back of Fairfield High School).

### Threatened Species found in this Community

The endangered species *Cynanchum elegans* (White-flowered Wax Plant) can occur within this community. Regionally rare species include: *Alectryon subcinereus* (Native Quince), *Sicyos australis*, *Maclura cochinchensis* (Cockspur Thorn), *Aphanopetalum resinsum* Gum Vine and *Streblus brunonianus* (Whale Bone).





## Species list

### Canopy

*Corymbia maculata*  
*Ehretia acuminata*  
*Eucalyptus crebra*  
*Eucalyptus moluccana*  
*Eucalyptus tereticornis*  
*Melaleuca styphelioides*  
*Melicope micrococca*  
*Streblus brunonianus*

### Small trees

*Acacia elata*  
*Acacia implexa*  
*Acacia maidenii*  
*Acacia parramattensis*  
*Allocasuarina torulosa*  
*Alphitonia excelsa*  
*Backhousia myrtifolia*  
*Brachychiton populneus*  
*Callistemon salignus*  
*Clerodendrum tomentosum*  
*Croton verreauxii*  
*Diospyros australis*  
*Exocarpos cupressiformis*  
*Ficus rubiginosa*  
*Guioa semiglaucula*  
*Melia azedarach* var. *australasica*

### Grasses

*Austrostipa ramosissima*  
*Cymbopogon refractus*  
*Echinopogon caespitosus* var. *caespitosus*  
*Echinopogon ovatus*  
*Entolasia marginata*  
*Eragrostis leptostachya*  
*Imperata cylindrica* var. *major*  
*Microlaena stipoides* var. *stipoides*  
*Oplismenus aemulus*  
*Oplismenus imbecillis*  
*Paspalidium criniforme*  
*Poa affinis*  
*Poa labillardieri*  
*Rytidosperma racemosum*

### References:

Department of Environment & Heritage  
 (2016) Western Sydney Dry Rainforest  
 threatened species profile

James T (2015) Rare and Threatened Flora  
 of Fairfield Local Government area.

James, T (2016) Native Flora on Shale Soils  
 of the Cumberland Plain, western Sydney—  
 An Identification Guide

### Shrubs

*Abutilon oxycarpum*  
*Breynia oblongifolia*  
*Bursaria spinosa*  
*Celastrus australis*  
*Citriobatus pauciflorus*  
*Einadia hastata*  
*Melicytisus dentatus*  
*Notelaea longifolia* forma *longifolia*  
*Notelaea venosa*  
*Olearia viscidula*  
*Phyllanthus gunnii*  
*Pittosporum revolutum*  
*Polyscias sambucifolia* subsp. *A*  
*Psychotria loniceroides*  
*Rapanea variabilis*  
*Trema aspera*

### Herbs, ferns & sedges

*Adiantum aethiopicum*  
*Arthropodium milleflorum*  
*Asplenium flabellifolium*  
*Brunoniella australis*  
*Carex inversa*  
*Carex longibrachiata*  
*Cheilanthes distans*  
*Cheilanthes sieberi* subsp. *sieberi*  
*Commelina cyanea*  
*Cyperus enervis*  
*Cyperus gracilis*  
*Cyperus imbecillis*  
*Cyperus laevis*  
*Dianella longifolia*  
*Dichondra repens*  
*Doodia aspera*  
*Doodia caudata* var. *caudata*  
*Einadia nutans* subsp. *nutans*  
*Einadia trigonos* subsp. *trigonos*  
*Euchiton sphaericus*  
*Galium binifolium*  
*Galium migrans*  
*Galium propinquum*  
*Geranium homeanum*  
*Geranium solanderi* var. *solanderi*  
*Hydrocotyle tripartita*  
*Juncus usitatus*  
*Mentha satuireioides*  
*Nyssanthes erecta*  
*Omalanthus populifolius*  
*Omalanthus stillingiifolius*  
*Oxalis perennans*  
*Pellaea falcata* var. *falcata*  
*Plantago debilis*  
*Plectranthus parviflorus*

*Pratia purpurascens*  
*Pseuderanthemum variabile*  
*Pteridium esculentum*  
*Pteris tremula*  
*Pyrrosia rupestris*  
*Rumex brownii*  
*Scutellaria humilis*  
*Senecio hispidulus* var. *hispidulus*  
*Senecio linearifolius*  
*Senecio quadridentatus*  
*Senna clavigera*  
*Sigesbeckia orientalis* subsp. *orientalis*  
*Solanum brownii*  
*Solanum prinophyllum*  
*Solanum pungetium*  
*Solanum stelligerum*  
*Stellaria flaccida*  
*Stypandra glauca*  
*Urtica incisa*  
*Wahlenbergia gracilis*

### Vines/twiners

*Aphanopetalum resinosum*  
*Cayratia clematidea*  
*Cissus antarctica*  
*Clematis aristata*  
*Clematis glycinoides* var. *glycinoides*  
*Convolvulus erubescens*  
*Cynanchum elegans*  
*Deeringia amaranthoides*  
*Desmodium brachypodium*  
*Desmodium varians*  
*Eustrephus latifolius*  
*Geitonoplesium cymosum*  
*Glycine clandestina*  
*Glycine* sp. *A*  
*Glycine tabacina*  
*Hardenbergia violacea*  
*Kennedia rubicunda*  
*Legnephora moorei*  
*Maclura cochinchinensis*  
*Marsdenia flavescens*  
*Marsdenia rostrata*  
*Marsdenia viridiflora*  
*Morinda jasminoides*  
*Pandorea pandorana*  
*Parsonsia straminea*  
*Passiflora herbertiana* subsp. *herbertiana*  
*Ripogonum album*  
*Rubus parvifolius*  
*Rubus ulmifolius*  
*Sarcopetalum harveyanum*  
*Sicyos australis*  
*Smilax glyciphylla*  
*Stephania japonica* var. *discolor*  
*Tylophora barbata*