Height

Cassytha glabella

<https://flora.tmag.tas.gov.au/treatments/lauraceae/>

Cyperus mirus

<https://plantnet.rbgsyd.nsw.gov.au/cgi-bin/NSWfl.pl?page=nswfl&lvl=sp&name=Cyperus~mirus>

Juncus continuus

<https://plantnet.rbgsyd.nsw.gov.au/cgi-bin/NSWfl.pl?page=nswfl&lvl=sp&name=Juncus~continuus>

Juncus mollis

<https://plantnet.rbgsyd.nsw.gov.au/cgi-bin/NSWfl.pl?page=nswfl&lvl=sp&name=Juncus~mollis>

Juncus remotiflorus

<https://plantnet.rbgsyd.nsw.gov.au/cgi-bin/NSWfl.pl?page=nswfl&lvl=sp&name=Juncus~remotiflorus>

Lomandra fluviatilis

<https://plantnet.rbgsyd.nsw.gov.au/cgi-bin/NSWfl.pl?page=nswfl&lvl=sp&name=Lomandra~fluviatilis>

Microtis sp.

<https://plantnet.rbgsyd.nsw.gov.au/cgi-bin/NSWfl.pl?page=nswfl&lvl=gn&name=Microtis>

(note this is based on averages across candidates)

Senecio bathurstianus

<https://plantnet.rbgsyd.nsw.gov.au/cgi-bin/NSWfl.pl?page=nswfl&lvl=sp&name=Senecio~bathurstianus>

Sphaeromorphaea australis

<https://plantnet.rbgsyd.nsw.gov.au/cgi-bin/NSWfl.pl?page=nswfl&lvl=sp&name=Sphaeromorphaea~australis>

dispersal syndrome decisions:

undefined removed, multiple all same = collapase into 1

multiple conflicting = below

if zoo and then nested zoos, go with nested

if 3 or more values, and no clear mode, then = mixed

Acacia stricta, zoochory and myrmechory, collapsed to latter

Aristida ramose – 4 epizoo (one also had myrme), 2 zoo, = epizoo

Austrostipa scabra – zoo and epizoo, = epizoo

Bill scandens – 12 endozoo, 1 epi, 2 zoo = endozoo

Bolboschoenus caldwellii – endozoo 2, baro 1; both do occur, went with former

Both decipiens – anemo and epizoo, went former due to no mammals

Cardamine lila – 1 ballistic, 8 zoochory – latter

Cassytha – 1 zoochory rest endo, collapse into endo

Commersonia – epi and mryme = latter as many ants

Dichelachne rara – 4 epizoo, one zoo, one myrme = epizoo

Drosera – 4 anemo, 4 baro, 2 zoo = mixed

Einadia nutans – 2 zoo and 2 endozoo = latter

Eleocharis – hyrdo and epizoo – former

Eragrostis elongata – baro and epizoo – latter

Eragrostis parviflora – 3 baro one epizoo - former

Euchiton – 9 anemo, one baro = former

Euphorbia drummondii – 4 baro, one zoo = former

Gompholob = 3 mryrme, one baro = former

Gonocarpus – two baro, one zoo – former

Goodenia bellidifolia – one zoo, 2 myrme – latter

Goodenia ovata – one zoo, 3 myrme – latter

Hovea – zoo and myrme – latter

Hypericum – 5 anemo, one zoo one baro - former

Juncus homalocaulis – 2 baro, 1 anemo, 1 epizoo = mixed

Juncus procerus – epizoo and baro = former

Juncus – anemo, epi, baro - mixed

Lachnagr aem – 3 epizoo, 3 anemo = former

Maireana – anemo and endozoo = former

Mitrasacme – baro and zoo = former

Opercularia aspera – 3 myrme one zoo = former

Senecio linearifolius – 5 anemo 1 hydro = former

Panicum effusum – 2 baro, 5 anemo = latter

Parsonsia – 5 anemo, 1 endozoo = former

Paspalidium aversum – 1 baro 1 epizoo = latter

Plantago varia – 2 baro, one epizoo = former

Poa lab – 4 epizoo, 1 baro = former

Polygala japonica – myrme, zoo, anemo = mixed

Pomaderris ferruginea – zoo and myrme = latter

Poma lanigera = 2 myrme, 1 zoo = former

Pultenaea – 1 zoo 1 myrme = latter

Ranunucluis – 2 baro, 1 zoo, 1 myrme, 3 epizoo – mixed

Sporobolus elongatus – baro and epizoo = latter

Syncarpia glomulifera – baro and anemo = latter

Thelymitra = 1 baro 3 anemo = latter

Tricoryne – 1 endozoo, 3 baro = latter

Wahlenbergia capillaris – 2 baro, 2 zoo, 2 anemo = mixed

MISSING SPECIES:

Asterolasia correifolia – myrmechory

<https://www.researchgate.net/profile/Tony-Auld/publication/228457191_The_ecology_of_the_Rutaceae_in_the_Sydney_region_of_south-eastern_Australia_Poorly_known_ecology_of_a_neglected_family/links/00b7d52855319910e0000000/The-ecology-of-the-Rutaceae-in-the-Sydney-region-of-south-eastern-Australia-Poorly-known-ecology-of-a-neglected-family.pdf>

Cyperus mirus – no available info online. Austraits call gives 43 hydro, 1 epizoo, 6 baro, 2 anthro, 5 anemo, 2 zoo = hydro due to overwhelming majority

Dysphania littoralis – no available information online. Austraits call on other NSW species gives 6 barochory and 7 epizoochory = mixed

Isotoma fluviatilis – ditto. Austraits gives 2 epizoo, 2 zoo = epizoo

Juncus mollis – ditto. Austraits give 9 anemo, 1 anthro, 36 baro, 46 epizoo = mixed

Lomandra fluviatilis -d itto. 18 baro, 28 mryme, and many of the species are a mix of the two so = mixed

Microtis sp. <https://www.jstor.org/stable/23874134?seq=4> = anemo

Tricoryne simplex – ditto. 3 baro, 1 endozoo = baro

Initially zoochory, but make more specific

Brachyscome graminea – check via austraits just lists zoochory for many species

Cardamine lilacina <https://bioone.org/journals/annals-of-the-missouri-botanical-garden/volume-96/issue-2/2007047/Biogeography-and-Phylogeny-of-Cardamine-Brassicaceae1/10.3417/2007047.short> stickiness attached to animals indicated, so mixed (baro and epi)

Lepidosperma lineare- most likely ants (<https://academic.oup.com/aob/article/111/4/499/114060>) = myrme

Viola betonicifolia – becomes myrme (numerous online sources all say ants for viola)\_

Rules for growth habit

Where two or more habits listed, use the taller one

For combo ones listed as graminoid/herb, use graminoid

Tussock also becomes graminoid

If climber mentioned for something, use that over others, and also if woody specify as that

This is with exceptions though

Other cases:

Arthropodium minus has 9 herb to 1 graminoid = use former

Asterolasia correifolia has 7 shrub 1 tree = use former

Veronica calycina 10 herb to 1 shrub, use former

Tricoryne simplex has 8 herb to 1 graminoid, use former

Exocarpos strictus has 9 shrub to 4 tree, use former

Gonocarpus tetragynus has 9 herb and 1 subshrub, use former

Pomaderris lanigera 11 shrub and 2 tree, use former

For life history, if multi = take longer

Exceptions:

Dysphania littoralis has 6 annual, 1 biennial, 1 short lived perennial, 1 perennial = short lived

Photosynthesis

Arthropodium minus has a c3 and cam = former

Arthropodium strictum has 3 x c3 and cam = former

Austrostipa setacea is 3 c3 to 1 c4 = former

Bolboschoenus caldwellii is the same

So too Deyeuxia quadriseta

Dichelachne rara is 2 to 1 same

Diuris sulphurea 1 c3 and a cam – use former

Eleocharis acuta 2 c3 and 1 c4 = former

Lachnagrostis aemula is 5 c3 and 1 c4 = former

Poa labillardierei ditto

Rytidosperma bipartitum ditto

Rytidosperma racemosum is 3 to 1

Thelymitra pauciflora 2 c3 to 1 cam = former

Tricoryne elatior c3 and cam = former

Veronica calycina 2 c3 and a c4 = former

Missing ones:

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| Allocasuarina torulosa – c3, consensus across literature |
| Asterolasia correifolia – c3, consensus across literature |
| Cyperus mirus – c3 (<https://onlinelibrary.wiley.com/doi/epdf/10.1111/j.1095-8339.2011.01160.x>) |
| Dysphania littoralis – c3 based on austraits call of other species |
| Isotoma fluviatilis – ditto |
| Juncus mollis – ditto |
| Lomandra fluviatilis ditto |
| Microtis sp. – ditto |
| Tricoryne simplex ditto |

Fire

Resprout recoded to resprouting possible, and if even just one row of resprout, use that over killed

Fire missing:

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| Cyperus mirus – couldn’t score due to lack of info. Calling Austraits for other nsw cyperus |
| Gave highly mixed results |
| Dysphania littoralis – aside from D. kalpari, all species killed, so use that |
| Echinochloa telmatophila - few other species in austraits, most are no response, leaves as n/a |
| Isotoma fluviatilis – mainly resprout via austraits |
| Juncus mollis – strong majority resprout, so added that |
| Microtis sp. – all others resprout |
| Paspalum vaginatum- austraits others resprout |