

LISTS OF THE PRINCIPAL INDIGENOUS WEST AUSTRALIAN PLANTS OF ECONOMIC IMPORTANCE AND OF NATURALISED ALIENS AND WEEDS ESTABLISHED IN THE STATE, WITH THEIR VERNACULAR NAMES.

The accompanying lists were prepared at the request of the Commonwealth Institute of Science and Industry by a Committee appointed by the Royal Society of Western Australia. The members of the Committee were:—

Mr. W. B. Alexander, M.A., Keeper of Biology, W.A. Museum (convener).

Mr. C. E. Lane-Poole, Conservator of Forests.

Mr. D. A. Herbert, B.Sc., Economic Botanist, Government Analyst's Department.

The Council considered that these lists would be of interest to members of the society and others, and therefore decided to publish them. It is recognised that there are many other plants of some local economic importance which have not been included in the first list, *e.g.*, trees yielding timber used for fencing-posts or fuel, flowering-plants whose seeds are collected for local cultivation or export, and shrubs and grasses which are eaten by stock.

The vernacular names given in the lists are those which the Committee recommends for use in this State. Those for endemic plants are in almost every case names already widely known in the State, though in some few cases where the same plant is known by more than one vernacular name the Committee has chosen the one that seemed most suitable. Of the alien plants only a few have acquired local vernacular names and these have been adopted by the Committee except in cases where they were definitely incorrect. For the remainder the usual British text-book name has been given.

The Council of the Society, recognising that suitable vernacular names for the W.A. wildflowers would help to popularise their study, has asked the Committee to continue its work with power to add to its numbers. The Committee will welcome assistance from any person interested in this subject, and would be particularly grateful to anyone who would send in lists of vernacular names already in use in the district where he or she resides. Communications should be addressed to the Chairman of the Committee, Mr. C. E. Lane-Poole, Forestry Department, Perth.

LIST OF THE PRINCIPAL INDIGENOUS PLANTS OF ECONOMIC IMPORTANCE.

Scientific Name.	Vernacular.	Value.
<i>Rutaceæ</i> —		
Boronia megastigma ...	Sweet Boronia ...	Cultivated for its scented flowers.
Boronia elatior ...	Broad-leaved Boronia	Cultivated for its flowers.
<i>Malvaceæ</i> —		
Hibiscus Huegelii ...	W.A. Hibiscus ...	Ornamental shrub.
<i>Sterculiaceæ</i> —		
Sterculia diversifolia ...	Kurrajong ...	Ornamental tree and Fodder-plant.
<i>Euphorbiaceæ</i> —		
Euphorbia Drummondii ...	Balsam Spurge ...	Poison-plant
<i>Casuarinaceæ</i> —		
Casuarina Fraseriana ...	Sheaoak ...	Timber used locally for cabinet work and shingles.
<i>Salsolaceæ</i> —		
Atriplex semibaccatum ...	Salt-bush ...	Fodder-plant.
Atriplex nummularium ...	Old-man Salt-bush	do.
<i>Nyctagineæ</i> —		
Boerhaavia diffusa ...	Tar Vine ...	do.
<i>Leguminosæ</i> —		
Oxylobium retusum ...	Bloom Poison ...	Poison-plant.
Oxylobium parviflorum ...	Box Poison ...	do.
Gastrolobium bidens ...	Kite-leaf Poison ...	do.
Gastrolobium bilobum ...	Heart-leaf Poison ...	do.
Gastrolobium Callistachys ...	Rock Poison ...	do.
Gastrolobium calycinum ...	York-road Poison ...	do.
Gastrolobium grandiflorum ...	Wallflower Poison ...	do.
Gastrolobium hamulosum ...	Hook-pointed Poison ...	do.
Gastrolobium ovalifolium ...	Gilbernine Poison ...	do.
Gastrolobium parvifolium ...	Berry Poison ...	do.
Gastrolobium spinosum ...	Prickly Poison ...	do.
Gastrolobium villosum ...	Crimp-leaved Poison ...	do.
Isotropis striata ...	Lamb-poison ...	do.
Templetonia retusa ...	Templetonia ...	Ornamental shrub.
Crotalaria Cunninghamii ...	Bird-flower ...	do.
Tephrosia purpurea ...	Pan-ja-da ...	Used by aborigines as a fish-poison.
Clanthus Dampieri ...	Sturt's Desert-pea ...	Cultivated for its flowers.
Kennedyia nigricans ...	Black Kennedyia ...	Ornamental climber.
Kennedyia coccinea ...	Coral Creeper ...	Fodder-plant.
Hardenbergia Comptoniana ...	Blue Kennedyia ...	Ornamental climber.
Erythrophloeum Laboucherii ...	Camel Poison ...	Poison-plant.
Acacia armata ...	Kangaroo Wattle ...	Ornamental tree.
Acacia acuminata ...	Jam ...	Timber used for cabinet work and fencing-posts.
Acacia spp. ...	Mulga ...	Wood yields valuable charcoal for producer gas plants.
Albizzia lophantha ...	Crested Wattle ...	Ornamental tree.
<i>Rhizophoraceæ</i> —		
Cerlops Candolleana ...	Red Mangrove ...	Timber used as fuel by pearlers.
Bruguiera gymnorrhiza ...	Black Mangrove ...	Bark contains 45 per cent. tannin.
<i>Myrtaceæ</i> —		
Agonis flexuosa ...	Peppermint-tree ...	Ornamental tree.
Melaleuca Leucadendron ...	Cadjiput ...	Timber used in the North-West for fence-posts.
Chamaelaucium uncinatum ...	Geraldton Wax-plant	Ornamental shrub.
Eucalyptus marginata ...	Jarrah ...	Ornamental tree. Timber exported for general purposes and used locally for sleepers, piles, fence-posts, as well as for furniture.
Eucalyptus loxophleba ...	York Gum ...	Timber exported and used locally for wagon building.

LIST OF THE PRINCIPAL INDIGENOUS PLANTS, ETC.—*continued.*

Scientific Name.	Vernacular.			Value.
<i>Myrtaceæ</i> —(continued)—				
<i>Eucalyptus diversicolor</i> ...	Karri	...	...	Timber exported and used locally for many purposes.
<i>Eucalyptus gomphocephala</i> ...	Tuart	...	...	Timber used for railway-trucks, bolsters, heavy wheelwright work, timber-jinkers, etc.
<i>Eucalyptus redunca</i> ...	Wandoo	...	...	Timber used for purposes similar to Tuart, also for turnery work and telephone and telegraph insulator pins.
<i>Eucalyptus patens</i> ...	Blackbutt	...	...	Timber used for coach building.
<i>Eucalyptus calophylla</i> ...	Marri (Red Gum)	...	...	Timber used for poles and fetchels of heavy jinkers, etc. Kino used for tanning containing up to 86 per cent. of tannin, also in medicine.
<i>Eucalyptus ficifolia</i> ...	Scarlet-flowering Gum	...	...	Ornamental tree.
<i>Eucalyptus cornuta</i> ...	Yate	...	...	Timber used for wagon-work.
<i>Eucalyptus longicornis</i> ...	Morrell	...	...	Timber used for coach building and for mine props and fuel on the goldfields.
<i>Eucalyptus salmonophloia</i> ...	Salmon-gum	...	...	Timber used for mine props and fuel on the goldfields.
<i>Eucalyptus salubris</i> ...	Gimlet	...	...	Timber used for mine-props and fuel on the goldfields. Bark contains 18·22 per cent. tannin.
<i>Eucalyptus transcontinentalis</i> ...	Great Western Gum	...	...	Timber used for mine props and fuel on the goldfields.
<i>Eucalyptus Campaspe</i> ...	Silver-topped Gimlet	...	...	Timber used for mine props and fuel on the goldfields.
<i>Eucalyptus Clelandi</i> ...	Goldfields Blackbutt	...	...	Timber used for fuel on the goldfields.
<i>Eucalyptus torquata</i> ...	Goldfields Flowering Gum	...	...	Timber used for fuel on the goldfields.
<i>Eucalyptus calycogona</i> var. <i>gracilis</i> ...	Snap-and-Rattle	...	...	Timber used for fuel on the goldfields.
<i>Eucalyptus pyriformis</i> ...	Pear-gum	...	...	Timber used for fuel on the goldfields.
<i>Eucalyptus occidentalis</i> var. <i>astrigens</i> ...	Mallett	...	...	Bark contains 45 per cent. tannin.
<i>Eucalyptus macrocarpa</i> ...	Macrocarpa-gum	...	...	Ornamental shrub.
<i>Santalaceæ</i> —				
<i>Fusanus acuminatus</i> ...	Quandong	...	...	Fruit used in confectionery.
<i>Santalum cygnorum</i> ...	Sandalwood	...	...	Timber exported to China and Malaya for manufacture of joss-sticks. Distilled, yielding oil used medicinally.
<i>Ebenaceæ</i> —				
<i>Maba humilis</i> ...	Australian Ebony	...	...	Timber used for cabinet work, walking-sticks, musical instruments, etc.
<i>Loranthaceæ</i> —				
<i>Nuytsia floribunda</i> ...	W.A. Christmas-tree	...	...	Ornamental tree.
<i>Proteaceæ</i> —				
<i>Xylomelum occidentale</i> ...	Native Pear	...	...	Timber used for cabinet work.
<i>Banksia verticillata</i> ...	River Banksia	...	...	do. do.
<i>Banksia littoralis</i> ...	Swamp Banksia	...	...	Timber used for fuel in Perth.
<i>Banksia grandis</i> ...	Broad-leaved Banksia	...	...	do. do.
<i>Banksia Menziesii</i> ...	Banksia	...	...	do. do.
<i>Banksia attenuata</i> ...	Narrow-leaved Banksia	...	...	do. do.
<i>Banksia ilicifolia</i> ...	Prickly Banksia	...	...	do. do.
<i>Compositæ</i> —				
<i>Brachycome iberidifolia</i> ...	Swan River Daisy	...	...	Cultivated for its flowers.
<i>Waitzia aurea</i> ...	Yellow Everlasting	...	...	do. do.
<i>Helipterum roseum</i> ...	Pink Everlasting	...	...	do. do.

LIST OF THE PRINCIPAL INDIGENOUS PLANTS, ETC.—*continued.*

Scientific Name.	Vernacular.	Value.
<i>Asclepiadeæ</i> —		
<i>Sarcostemma australe</i> ...	Caustic Vine ...	Poison Plant.
<i>Marsdenia Leichhardtiana</i> ...	Dooba ...	Aboriginal Food-plant.
<i>Solanaceæ</i> —		
<i>Nicotiana suaveolens</i> ...	Native tobacco ...	Poison-plant and aboriginal narcotic.
<i>Duboisia Hopwoodi</i> ...	Pituri ...	do. do.
<i>Myoporinæ</i> —		
<i>Myoporum deserti</i> ...	Dog-wood Poison ...	Poison-plant.
<i>Hæmodoraceæ</i> —		
<i>Tribonanthus longipetala</i> ...	Jetta ...	Tuber used as food by aborigines.
<i>Anigozanthus Manglesii</i> ...	Kangaroo-paw ...	Cultivated for its flowers.
<i>Dioscorideæ</i> —		
<i>Dioscorea hastifolia</i> ...	Yam ...	Tuber used as food by aborigines.
<i>Liliaceæ</i> —		
<i>Bulbine semibarbata</i> ...	Native Leek ...	Poison-plant.
<i>Stypantra glauca</i> ...	Blind Grass ...	do.
<i>Xanthorrhœa Preissii</i> ...	Blackboy ...	} Gum used in manufacture of varnishes, etc. Distilled, yielding various chemical products. Fibre exported for manufacture of heavy brooms.
<i>Xanthorrhœa reflexa</i> ...	Reflexed Blackboy ...	
<i>Kingia australis</i> ...	Grass-tree ...	
<i>Conifereæ</i> —		
<i>Callitris robusta</i> ...	Cypress Pine ...	Timber used for fence posts in the Kimberley division.
<i>Callitris glauca</i> ...	Desert Cypress Pine ...	Timber used for fence posts on the Eastern Goldfields and in the Murchison districts.
<i>Rhizospermeæ</i> —		
<i>Marsilea Drummondii</i> ...	Nardoo ...	Aboriginal food-plant

LIST OF NATURALISED ALIENS AND WEEDS.

<i>Fumaria officinalis</i> ...	Fumitory
<i>Reseda Luteola</i> ...	Yellow-weed
<i>Barbarea praecox</i> (B. vulgaris) ...	Early watercress
<i>Sisymbrium officinale</i> ...	Hedge Mustard
<i>Sinapis arvensis</i> ...	Charlock
<i>Capsella Bursa-pastoris</i> ...	Shepherd's Purse
<i>Cakile maritima</i> ...	Sea Rocket
<i>Raphanus Raphanistrum</i> ...	Wild Radish
<i>Silene gallica</i> ...	French Campion
<i>Dianthus prolifer</i> ...	Proliferous Pink
<i>Saponaria vaccaria</i> ...	Cow Soapwort
<i>Spergula arvensis</i> ...	Corn Spurry
<i>Cerastium vulgatum</i> ...	Mouse-ear Chickweed
<i>Stellaria media</i> ...	Chickweed
<i>Malva rotundifolia</i> ...	Marsh-mallow
<i>Geranium molle</i> ...	Dove's Foot Geranium
<i>Erodium moschatum</i> ...	"Wild Geranium"
<i>Pelargonium graveolens</i> ...	Rose Geranium
<i>Oxalis cernua</i> ...	"Sorrel"
<i>Trifolium procumbens</i> ...	Hop Clover
<i>Trifolium dubium</i> ...	Lesser Clover

LIST OF NATURALISED ALIENS AND WEEDS—*continued.*

Trifolium fragiferum ...	...	...	Strawberry Clover
Trifolium tomentosum ...	...	...	Woolly Clover
Trifolium repens ...	...	...	White or Dutch Clover
Trifolium glomeratum ...	...	...	Clustered Clover
Trifolium subterraneum ...	...	...	Subterranean Clover
Trifolium medium ...	...	...	Mammoth Clover
Trifolium pratense ...	...	...	Red Clover
Trifolium arvense ...	...	...	Hare's-foot Clover
Trifolium striatum ...	...	...	Knotted Clover
Trifolium incarnatum ...	...	...	Crimson Clover
Melilotus parviflora ...	...	...	King Island Melilot
Medicago lupulina ...	...	...	Black Medick
Medicago sativa ...	...	...	Lucerne
Medicago maculata ...	...	...	Spotted Medick
Medicago denticulata ...	...	...	Burr Clover
Vicia sativa ...	...	...	Common Vetch
Vicia sepium ...	...	...	Bush Vetch
Lupinus hirsutus ...	...	...	Blue Lupine
Rubus fruticosus ...	...	...	Blackberry
Rosa rubiginosa ...	...	...	Sweetbriar
Oenothera odorata ...	...	...	Evening Primrose
Cucumis myriscarpus ...	...	...	Wild Melon
Opuntia monacantha ...	...	...	Prickly Pear
Senecio vulgaris ...	...	...	Groundsel
Erigeron linifolius ...	...	...	Flax-leaved Fleabane
Inula graveolens ...	...	...	Stinkwort
Cryptostemma calendulaceum ...	...	...	Cape Weed
Tripteris clandestina ...	...	...	Stinking Roger
Onopordon Acanthium ...	...	...	Scotch Thistle
Carduus marianus ...	...	...	Milk Thistle
Carduus lanceolatus ...	...	...	Spear Thistle
Kentrophyllum lanatum ...	...	...	Woolly Star Thistle
Centaurea solstitialis ...	...	...	Yellow Cockspur
Cichorium Intybus ...	...	...	Chicory
Hypochaeris radicata ...	...	...	Rooted Cat's Ear
Taraxacum officinale ...	...	...	Dandelion
Sonchus oleraceus ...	...	...	Sow Thistle
Sonchus asper ...	...	...	Rough Sow Thistle
Xanthium spinosum ...	...	...	Bathurst Burr
Xanthium strumarium ...	...	...	Noogoora Burr
Anagallis arvensis ...	...	...	Pimpernel
Olea europaea ...	...	...	Olive
Gomphocarpus fruticosus ...	...	...	Cotton Bush
Erythraea Centaurium ...	...	...	Centaury
Cuscuta europaea ...	...	...	Dodder
Echium plantagineum ...	...	...	Paterson's Curse
Solanum sodomaeum ...	...	...	Apple of Sodom
Solanum nigrum ...	...	...	Black Nightshade (poisonous)
Lycium Horridum ...	...	...	African Boxthorn
Datura Stramonium ...	...	...	Thorn Apple (poisonous)
Nicotiana glauca ...	...	...	Tree Tobacco
Linaria elatine ...	...	...	Pointed Toadflax
Bartsia latifolia ...	...	...	Broad-leaved Bartsia
Mentha Pulegium ...	...	...	Pennyroyal
Marrubium vulgare ...	...	...	Horehound
Stachys arvensis ...	...	...	Woundwort
Plantago lanceolata ...	...	...	Rib grass
Chenopodium murale ...	...	...	Nettle-leaved Goosefoot
Chenopodium album ...	...	...	Fat-hen

LIST OF NATURALISED ALIENS AND WEEDS—*continued*.

Rumex Acetosella	...	...	...	Sheep Sorrel	
Rumex pulcher	...	...	...	Fiddle Dock	
Rumex conglomeratus	...	...	...	Clustered Dock	
Rumex crispus	...	...	...	Curled Dock	
Emex australis	...	...	...	Double-gee	
Polygonum aviculare	...	...	...	Wire Weed	
Euphorbia Peplus	...	...	...	Petty Spurge	
Euphorbia terracina	...	...	...	Carnation Weed	
Ricinus communis	...	...	...	Castor Oil (poisonous)	
Urtica urens	...	...	...	Stinging Nettle	
Asphodelus fistulosus	...	...	...	Onion Weed	
Watsonia angusta	...	...	...	Watsonia	
Romulea rosea	...	...	...	Guildford Grass	
Homeria collina	...	...	...	One-leaved	Cape Tulip
				(poisonous)	
Homeria miniata	...	...	...	Two-leaved	Cape Tulip
				(poisonous)	
Juncus capitatus	...	...	...	Capitate Rush	
Cyperus rotundus	...	...	...	Nut Grass	
Panicum sanguinale	...	...	...	Crab Grass	
Panicum crus-galli	...	...	...	Barnyard Grass	
Paspalum distichum	...	...	...	Water-couch	
Paspalum dilatatum	...	...	...	Golden Crown Grass	
Chloris gayana	...	...	...	Rhodes Grass	
Cynodon Dactylon	...	...	...	Couch Grass	
Hordeum murinum	...	...	...	Barley Grass	
Phalaris canariensis	...	...	...	Canary Grass	
Polypogon monspeliensis	...	...	...	Annual Beard Grass	
Andropogon halepensis	...	...	...	Johnson Grass	
Oryzopsis miliacea	...	...	...	Many-flowered Millet Grass	
Agrostis alba	...	...	...	Red Top	
Ehrharta longiflora	...	...	...	Veldt Grass	
Ehrharta calycina	...	...	...	Veldt Grass	
Holcus lanatus	...	...	...	Yorkshire Fog Grass	
Lolium temulentum	...	...	...	Drake	
Lolium perenne	...	...	...	Rye Grass	
Lolium Italicum	...	...	...	Italian Rye-grass	
Triticum sativum	...	...	...	Wheat	
Secale cereale	...	...	...	Rye	
Avena fatura	...	...	...	Wild Oat	
Avena sativa	...	...	...	Oat	
Aira caryophyllea	...	...	...	Fairy Grass	
Aira minuta	...	...	...	Fairy Grass	
Bromus moximus	...	...	...	Great Brome	
Bromus sterilis	...	...	...	Sterile Brome	
Bromus madritensis	...	...	...	Madrid Brome	
Bromus anioloides	...	...	...	Prairie Grass	
Bromus mollis	...	...	...	Soft Brome	
Briza minor	...	...	...	Shivery Grass	
Festuca bromoides	...	...	...	Fescue	
Dactylis glomerata	...	...	...	Cocksfoot	
Poa annua	...	...	...	Annual Meadow Grass	



Alexander, Wilfrid Backhouse, Lane-Poole, C E, and Herbert, D A. 1920. "Lists of the Principal Indigenous Plants of Economic Importance and Naturalised Aliens and Weeds Established in the State, with their Vernacular Names." *Journal of the Royal Society of Western Australia* 6(1), 41–46.

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