

Favourite Perth native plant weed identification resources

Websites

Florabase <https://florabase.dpaw.wa.gov.au/> the database of the Western Australian Herbarium. Can use for interactive searching, distribution maps for species, brief and sometimes detailed plant descriptions and access interactive keys.

Naturemap <https://naturemap.dpaw.wa.gov.au/> a website where you can query and print out a species list for selected areas in WA. Contains both flora and fauna information and the results from many databases e.g WA Herbarium and WA Museum and numerous other survey data.

Key base <http://keybase.rbq.vic.gov.au/> an assortment of interactive keys. These have often been digitised from printed floras from around Australia. Some can be very technical but a great place to go if you have a tricky species that you have little information for or that has undergone taxonomic review.

Flora of Australia new website <https://profiles.ala.org.au/opus/foa> packed with information on Australian flora and replacing the old hard copy series of volumes. Contains names, characteristics, distribution maps, images, habitat and identification keys.

Darling Range Naturebase <https://lesmikebrooker.weebly.com/flora-and-fauna.html> on on-going pdf of photographs of the flora and fauna of the Perth Hills.

Wattle the interactive key for acacia across Australia <https://apps.lucidcentral.org/wattle/text/intro/index.html>. Also available as an app <http://identic.com.au/blog/wattle-acacias-of-australia-media-release/> for \$9.95. Once downloaded no phone/internet coverage is required.

App

Pl@ntNet <https://plantnet.org/en/> is a citizen science project available as an app that helps you identify plants using photos. The images you send are automatically compared to the thousands of images in their botanical databases.

Herbiguide <http://www.herbiguide.com.au/Home.aspx> provides information on weeds, pests and diseases in crops, pastures, horticulture and environmental situations.

Department of Primary Industries and Regional Development

<https://www.agric.wa.gov.au/pests-weeds-diseases/weeds> extensive website has a lot of information on weeds and their control. Best searched by individual weed species name.

Books

Barrett Russell and Tay Eng Pin 2016 *Perth Plants: A Field Guide to the Bushland and Coastal Flora of Kings Park and Bold Park* 2nd edition CSIRO Publishing \$49.95.

- includes 778 species
- classified by native plants vs naturalised weeds and within into non-flowering plants, dicotyledons and monocotyledons then arranged alphabetically by family, then genus and species
- good photographic guide– sparse on text

Bell Una 2008 *Common Native Grasses of South-west WA*

- includes more than 40 native grasses
- classified alphabetically by genus
- photographs and line-drawings for all species

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Bell Una 2004 *Native Grasses in the Perth Region* *Una Bell* out of print

- classified alphabetically by genus
- life-size photocopies of native grasses with line drawings of characteristic features, also includes photocopies of weedy grasses

Bell Una 2018 *Native Grasses of Perth Hills.*, free to download

<https://www.perthseasternregion.com.au/sustainability-and-environment/environmental-resources/environmental-resources.aspx> ,

- includes 48 most common native grasses of Perth Hills
- classified alphabetically by genus
- life-size photocopies of native grasses with line drawings of characteristic features, also includes photocopies of weedy grasses

Chambers Jane M, Fletcher Nicola L, and McComb Arthur J 1995 *A Guide to Emergent Wetland Plants of South-Western Australia* Murdoch University Marine and Freshwater Research Laboratory. Out of print.

- simple key and detailed information on 14 common freshwater wetland species
- photographs, diagrams and key characteristics described.

Darling Range Branch of the Wildflower Society of WA 2002 *Wildflowers of the West Coast Hills* 2nd edition *Quality Publishing Australia* out of print

- classified into growth forms (e.g trees, plants with grasslike leaves) then into groups with similar characters, then flowering months and alphabetically by genus and species
- sparse text with photographs for only selected species
- good reference also for the eastern side of the Swan Coastal Plain

Dixon Kingsley 2011 *Coastal Plants: A Guide to the Identification and Restoration of Plants of the Perth Region* CSIRO Publishing \$39.95

- includes 100 most common coastal plants of Perth
- classified alphabetically by genus and species
- uses photographs and distribution maps

Hussey BMJ, Keighery GJ, Dodd J, Lloyd SG and Cousens RD 2007 *Western Weeds: A guide to the weeds of Western Australia* 2nd Edition 2007 Plant Protection Society of Western Australia sold out but can be viewed online at

https://wswa.org.au/western_weeds.htm#contents

- includes close to 1000 weed species
- classified into ferns, conifers, monocots and dicots, then alphabetically by family, genus and species.
- photographs for the majority of genera but not all species with text that concentrates on the characters that distinguish similar species

Marchant NG, Wheeler JB, Rye BL, Bennett EM, Lander NS, Macfarlane TD 1987 *Flora of the Perth Region* WA Herbarium out of print

- 2057 species
- classifies plants in families and includes keys to species
- dense botanical language with few illustrations

Moore, J, and Wheeler, J. 2008, *Southern weeds and their control*. Department of Agriculture and Food, Western Australia, Perth. Bulletin 4744.

- weeds are divided into four colour coded groups based on their lifeform: grasses, herbs, vines and shrubs or trees then listed alphabetically by genus.

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- photographic guide with description and control information.
- out of print but can be downloaded

<https://researchlibrary.agric.wa.gov.au/bulletins/86/>

Rippey Elizabeth and Rowland Barbara 2004 *Coastal Plants: Perth and the South-West Region* 2nd edition. \$29.95 out of print

- includes just over 130 plants
- classified alphabetically by genus and species
- uses coloured line drawings to illustrate
- still available at some book stores

Water and Rivers Commission 1997 *Native vegetation of freshwater rivers and creeks in south Western Australia* out of print but can be downloaded

http://water.wa.gov.au/_data/assets/pdf_file/0013/3109/8798.pdf

- 40 of the most common native freshwater plants
- classified into lifeform: trees, shrubs, sedges and rushes, herbs and grasses, then listed alphabetically by genus.
- line-drawings for all species

Water and Rivers Commission 1997 *Native vegetation of estuaries and saline waterways in south Western Australia* out of print but can be downloaded

https://www.water.wa.gov.au/_data/assets/pdf_file/0003/5628/8799-native-saline-plants.pdf

- 40 of the most common native freshwater plants
- classified into lifeform: trees, shrubs, sedges and rushes, herbs and grasses, then listed alphabetically by genus.
- line-drawings for all species

Wheeler Judy, Marchant Neville and Lewington Margaret 2002 *Flora of the South West: Bunbury, Augusta, Denmark* two volumes UWA Publishing \$165.

- includes just over 2000 species of the south west corner many of which overlap with Perth flora
- classified by family then arranges alphabetically by genus and species
- uses line drawings of distinguishing features to identify differences between species
- key to families using flower colour, number of petals and flower shape.

Groups learning face-to-face is often the easiest way

Find a conservation group app www.dpaw.wa.gov.au/find-a-conservation-group helps you get in touch with groups actively working to protect and manage bushland in your local area or area of interest.

Wildflower Society of Western Australia <http://www.wildflowersocietywa.org.au/> has many branches across the state and is a great way to get to know others interested in our local plants.