



Australian National
Botanic Gardens

LIBRARY CONNECT

Supporting the ANBG's vision to inspire, inform and connect people to the Australian flora.

Sept/Oct 2023.

Hi all,

This edition of Library Connect has the usual listing of new books and a couple of articles on Artificial Intelligence in education, research and the public sector.

The library is staffed Mon - Fri 9.30 - 4.30 and I can also be contacted by email, phone or Teams if you need assistance.

The "click and collect" boxes in the Visitor Centre are still available for returning items, and I'm very happy to leave items there for collection if that's easier than visiting the library.

Thank you,
Alex

Alex Petrie

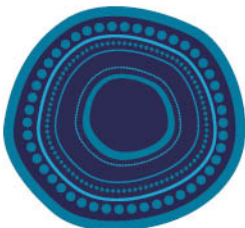
Librarian, Australian National Botanic Gardens Library
Parks Australia

Ngannawal Country, GPO Box 1777, CANBERRA, ACT 2601

Department of Climate Change, Energy, the Environment and Water

T: 02 6250 9480 | W: <https://www.anbg.gov.au/>

E: ANBG.Library@dcceew.gov.au



Acknowledgement of Country

Our department recognises the First Peoples of this nation and their ongoing connection to culture and country. We acknowledge Aboriginal and Torres Strait Islander Peoples as the Traditional Owners, Custodians and Lore Keepers of the world's oldest living culture and pay respects to their Elders past, present and emerging.



Australian National
Botanic Gardens



Australian Government
Parks Australia



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Acacia pycnantha

For your interest

UNESCO Digital Library, 2023

Guidance for generative AI in education and research

Miao, Fengchun; Holmes, Wayne.

<https://unesdoc.unesco.org/ark:/48223/pf0000386693.locale=en>

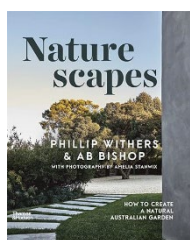
Council of the European Union, Analysis and Research Team.

ChatGPT in the Public Sector – overhyped or overlooked?

Published: April 24, 2023.

https://www.consilium.europa.eu/media/63818/art-paper-chatgpt-in-the-public-sector-overhyped-or-overlooked-24-april-2023_ext.pdf

New books



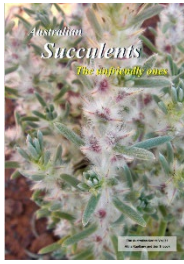
[Naturescapes : How to design the natural Australian garden / Phillip Withers and AB Bishop ; with photography by Amelia Stanwix.](#)

Port Melbourne, Victoria : Thames & Hudson Australia, 2023

ISBN: 9781760762186

"Landscape design expert Phillip Withers and habitat expert AB Bishop join forces to share their wealth of experiences in how to create stunning Australian gardens that support the local environment. Naturalistic gardens help plants, creatures and people thrive. This book shows how to take inspiration from your favourite natural areas and create your own outdoor wonderland. With detailed advice on how to approach: plant selection, hard landscaping, soil basics and maintenance, purposeful zoning, paths and driveways, edging, habitat for wildlife, and microclimates, Naturescapes highlights and celebrates the great possibilities for gardens in Australia" -- Back cover.

Shelf no. **712.60994 WIT**



[Australian succulents : the unfriendly ones / Attila Kapitany and Jen Silcock.](#)

Berwick, Vic. : Attila Kapitany, c2023.

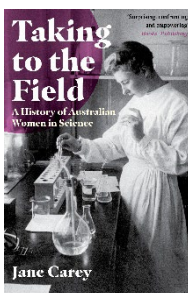
The Australian series ; Vol. 11

"A field guide to the numerous Australian native succulent plants that are spiny or spinescent to varying degrees and found widespread across inland Australia. These are plants from arid or semi-arid regions and can be commonly encountered along or near roadsides. Road travellers through inland Australia who encounter these plants routinely struggle to find helpful or correct information about them. What are they called? Are they native? Are they poisonous?

These are extremely important plants within their ecosystems providing a range of benefits to other flora and fauna that live there. Benefits include shelter, food, water to some of the rarest marsupials and birds, notably bilbies, numbats, rare wallabies, the legendary night parrot and splendid parrot. Colourful and clear images (numerous for each species), distribution maps and further detailed information about each species to help with their identification. While these plants have been historically maligned for their spines, close examination of these plants in habitat can reveal subtle beauty. Appreciation and understanding are key components of conservation, of not just these plants but also the animals that rely on them in their, often harsh, habitats.

A book for travellers, scholars, amateur botanists, farmers and those who like all things botanical!" -- Author's website.

Shelf no. **581.47 KAP**



[Taking to the field : a history of Australian women in science / Jane Carey.](#)

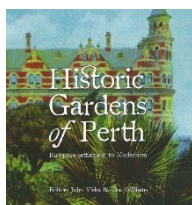
Clayton, Victoria : Monash University Publishing, 2023

ISBN: 9781925835410

"If asked to name an Australian woman scientist from the past, very few could. Let's change that. Histories of Australian science largely overlook women. This gives the impression that, until recently, there were no Australian women scientists. But statistics show this is far from true. Why don't women scientists make it into history books? Because discrimination meant few women reached the top of their professions, making their work more likely to be forgotten. Taking to the Field is the first comprehensive history of Australian women in science from the colonial period to contemporary times. From the first years of colonisation, women engaged in myriad scientific endeavours, from botany to genetics to chemistry.

There was a vibrant culture of women in science in the years up to 1945 - as researchers, lab workers, teachers and activists for science-based social reform. This untold story is not a simple celebration of unsung heroines. Some women scientists were involved in colonial science and eugenics: few women of colour were given opportunities. But from the first female science graduate, Edith Dornwell, women have had an outsized influence in Australian science. The botanical collection of Western Australian Georgiana Molloy, the discoveries of Tasmanian-born molecular biologist Elizabeth Blackburn and the research of Melbourne zoologist Georgina Sweet all tell a story: how Australian women in science have transformed the world." -- Back cover.

Shelf no. **509.2520994 CAR**



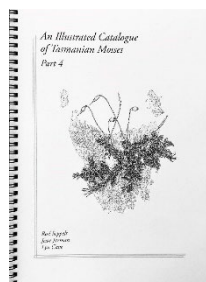
Historic gardens of Perth : European settlement to modernism / editors John Viska & Lisa Williams.

[Bayswater, Western Australia] : Australian Garden History Society (WA branch), 2023

ISBN: 9780648875246

"With approximately 200 hundred pages of historic photographs, maps, plans, artworks and text, Historic Gardens of Perth: European settlement to Modernism, is the first publication to deal solely with the history of gardens in Western Australia. The book is the result of research for two exhibitions presented by the West Australian branch of the Australian Garden History Society in 2011 and 2018. Written by members of the Society which include professional historians, horticulturalists, landscape architects and cultural heritage practitioners, the book is informative and visually appealing. Not only will it prove invaluable to garden heritage professionals, but also to the wider public with an interest in gardens and heritage. Encompassing approximately 130 years, each chapter includes an historical overview of the era, with many previously unpublished images, and a summary of the style of gardens that were popular during that period. The book is complemented by a plant list appendix denoting the species available to gardeners in Western Australia over that time." -- Publisher website.

Shelf no. **712.099411 HIS**

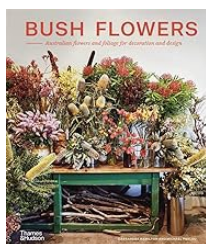


An illustrated catalogue of Tasmanian mosses : Part 4 / R.D. Seppelt, S.J. Jarman, L.H. Cave.

Hobart : Tasmanian Herbarium, Tasmanian Museum and Art Gallery, 2023
ISBN: 9781921599934

"An illustrated catalogue of Tasmanian mosses comprises a collection of species drawings which include details of shoots, organs and cells, mostly as viewed with a microscope or hand lens. These drawings complement taxonomic descriptions already published in other works, facilitating the interpretation and identification of species, as well as contributing to a better understanding of Tasmania's moss flora." -- Preface.

Shelf no. **588.209946 SEP Pt 4**



Bush flowers : Australian flowers and foliage for decoration and design / Cassandra Hamilton and Michael Pavlou.

Port Melbourne, Victoria : Thames & Hudson Australia, 2023
ISBN: 9781760762346

"Australian flowers are truly unique. Banksias and flannel flowers, wattle and waratahs all offer their own magic of colour, shape and texture. All across this country there is botanical beauty right in front of us. Native flora and foliage offer a beautiful alternative in the sustainability-challenged cut-flower industry. Our diverse landscape and climate produce incredible flowers that inspire our gardens and fuel our creativity. Here are over 50 plant profiles with notes on growing, cutting, conditioning, arranging, and drying, with florists' insights on what makes them so special. Bush Flowers will give you everything you need to bring Australian native plants into your home, and to see the bush around you in all its beauty." -- Back cover.

Shelf no. **745.920994 HAM**



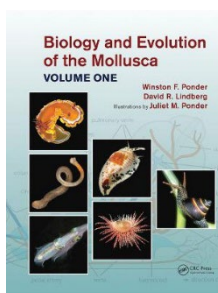
[The Research data management workbook \[electronic resource\] / Kristin Briney](#)

Pasadena, CA : Caltech Library, 2023.

ISBN: 9781600490156

"The Research Data Management Workbook is made up of a collection of exercises for researchers to improve their data management. The workbook contains exercises across the data lifecycle, though the range of activities is not comprehensive. Instead, exercises focus on discrete practices within data management that are structured and can be reproduced by any researcher." -- Description, p 5.

Online access: <https://doi.org/10.7907/z6czh-7zx60>

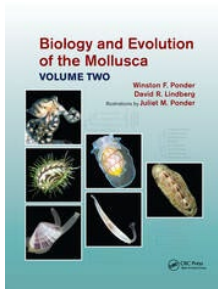


[Biology and evolution of the Mollusca / Winston F. Ponder, David R. Lindberg, Juliet M. Ponder.](#)

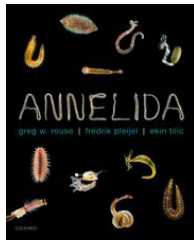
Boca Raton, FL : CRC Press, Taylor & Francis, 2020

ISBN: 9781032176604; 9781032173542

"Molluscs comprise the second largest phylum of animals (after arthropods), occurring in virtually all habitats. Some are commercially important, a few are pests and some carry diseases, while many non-marine molluscs are threatened by human impacts which have resulted in more extinctions than all tetrapod vertebrates combined. This book and its companion volume provide the first comprehensive account of the Mollusca in decades. Illustrated with hundreds of colour figures, it reviews molluscan biology, genomics, anatomy, physiology, fossil history, phylogeny and classification. This volume includes general chapters drawn from extensive and diverse literature on the anatomy and physiology of their structure, movement, reproduction, feeding, digestion, excretion, respiration, nervous system and sense organs. Other chapters review the natural history (including ecology) of molluscs, their interactions with humans, and assess research on the group." -- Back cover.



Shelf no. **594 PON v. 1 & 2**



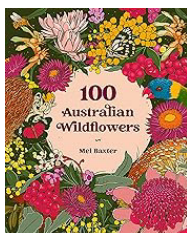
[Annelida / Greg W. Rouse, Fredrik Pleijel, Ekin Tilic.](#)

Oxford, United Kingdom : Oxford University Press, [2022]

ISBN: 9780199692309

"Annelids (the segmented worms) exist in a remarkably diverse range of mostly marine but also freshwater and terrestrial habitats, varying greatly in size and form. Annelida provides a fully updated and expanded taxonomic reference work that broadens the scope of the classic Polychaetes (OUP, 2001) to fully encompass its members, including Clitellata (comprising more than a third of total annelid diversity), Sipuncula, and Thalassematidae (formerly Echiura). It reflects the enormous amount of research on these organisms that has burgeoned since the millennium. Beginning with a clear introduction to the phylum and an outline of annelid taxonomy based on a new, robust phylogenetic hypothesis, this authoritative text describes their collection, the methods to ensure their optimal preservation, and an overview of anatomy with its relevant terminology. The core of the work comprises 77 fully up-to-date taxonomic chapters, informed by anatomy and the latest phylogenetic evidence. Lavishly illustrated throughout with hundreds of previously unpublished high-resolution colour images and scanning electron micrographs, the sheer beauty and diversity of the annelids is nowhere better presented. Annelida is the definitive reference work for annelid biologists, whilst being of interest to a broader audience of invertebrate zoologists, systematists, and organismal biologists" -- Back cover.

Shelf no. **592.6 ROU**



[100 Australian wildflowers / Mel Baxter.](#)

Richmond, Victoria : Hardie Grant Explore, 2022

ISBN: 9781741177817

"Australian wildflowers hold a particular kind of magic: they play on our innate desire for connection with land and can tell stories of cultural, historical, and spiritual significance.' Mel Baxter (aka Moonshine Madness) takes you into a world of whimsical botanical illustrations and fascinating information in 100 Australian Wildflowers. This handy field guide features 100 native Australian flowering plants with a basic planting guide, advice on growing your own wildflower meadow, and information on where to find these flowers in the wild. Organised by colour, each flower profile takes an intimate look at its habitat and the dramatic lives of other flora and fauna species that exist around it. Profiles also include traditional uses by First Nations People, with many of the plant names listed in First languages alongside their 'fancy' botanical

name. Be inspired to cultivate your own relationship with wildflowers in backyards big or small." -- Back cover.

Shelf no. **582.130994 BAX**