



Australian National  
Botanic Gardens

# LIBRARY CONNECT

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

Sept 2024.

Hi all,

This edition of Library Connect has the usual listing of new books, a few articles for your interest and an invitation to browse some more books which are 'free to good home'. The books are good quality discards not required in the library collection and are available now.

Past issues of Library Connect are available on the library catalogue site.

[https://library.dcceew.gov.au/cgi-bin/koha/opac-page.pl?page\\_id=22](https://library.dcceew.gov.au/cgi-bin/koha/opac-page.pl?page_id=22)

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

**Ngunnawal 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](mailto: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.



## For your interest

### **Historical Records of Australian Science**

Volume 35, Number 2, 2024

Special Issue

*History of Plant Pathology in Australasia*

<https://www.publish.csiro.au/hr>

Despite the challenges of academic isolation and lack of communication, early plant pathologists flourished and made many world-first discoveries that assisted Australian farmers to overcome challenges in crop growth. In this special issue, published in cooperation with the Australasian Plant Pathology Society, specific attention is paid to describing some of the major plant diseases that affected agriculture during the nineteenth and early twentieth centuries.

### **Our Knowledge, Our Way guidelines**

Our Knowledge Our Way in caring for Country: Indigenous-led approaches to strengthening and sharing our knowledge for land and sea management.

<https://www.csiro.au/en/research/indigenous-science/indigenous-knowledge/our-knowledge-our-way>

### **BioScience**

Volume 74, Issue 5, May 2024, Pages 315–318

*Scientists' warning: six key points where biodiversity can improve climate change mitigation*

Cássio Cardoso Pereira, et al.

<https://doi.org/10.1093/biosci/biae035>

### **Nature**

Career column - 14 August 2024

*Chatbots in science: What can ChatGPT do for you?*

Milton Pividori spent a year and a half studying how best to use ChatGPT in research. Here, he highlights three key lessons.

By Milton Pividori

<https://doi.org/10.1038/d41586-024-02630-z>

### **arXiv**

23 Jul 2024.

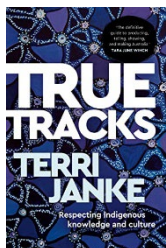
arXiv:2407.16551 [cs.DL]

*Estimating global article processing charges paid to six publishers for open access between 2019 and 2023*

Stefanie Haustein, Eric Schares, Juan Pablo Alperin, Madelaine Hare, Leigh-Ann Butler, Nina Schönfelder

<https://doi.org/10.48550/arXiv.2407.16551>

## New additions to the collection



### [True tracks : respecting Indigenous knowledge and culture / Terri Janke.](#)

Sydney, NSW : NewSouth Publishing, 2021

ISBN: 9781742236810

*"Indigenous cultures are not terra nullius -- nobody's land, free to be taken. True Tracks is a groundbreaking work that paves the way for respectful and ethical engagement with Indigenous cultures. Using real-world cases and personal stories, award-winning Meriam/Wuthathi lawyer Dr Terri Janke draws on twenty years of professional experience to inform and inspire people working across many industries - from art and architecture, to film and publishing, dance, science and tourism. What Indigenous materials and knowledge are you using? How will your project affect and involve Indigenous communities? Are you sharing your profits with those communities? True Tracks helps answer these questions and many more and provides invaluable guidelines that enable Indigenous peoples to actively practise, manage and strengthen their cultural life. If we keep our tracks true, Indigenous culture and knowledge can benefit everyone and empower future generations." -- Back cover.*

Shelf no. **305.89915 JAN**



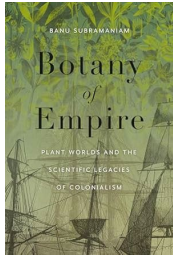
### [That grass book : identifying grasses in southern Australia / Ellen Bennett.](#)

South Australia : Ellen Bennett, 2023

ISBN: 9780645968507

*"Why another grass book? For many people grass identification presents a problem. Grasses can be difficult to distinguish, even when they put up flower heads. The flower parts are mostly green, very delicate and often so small as to require magnification to be clearly seen. In addition, as the heads emerge they change shape, expanding for flowering and often contracting as the seed develops, before taking on the form characteristic of that species." -- Page v.*

Shelf no. **584.90994 BEN**



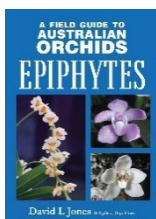
## [Botany of empire : plant worlds and the scientific legacies of colonialism / Banu Subramaniam.](#)

Seattle : University of Washington Press, 2024

ISBN: 9780295752464

*"Colonial ambitions spawned imperial attitudes, theories, and practices that remain entrenched within botany and across the life sciences. Banu Subramaniam draws on fields as disparate as queer studies, Indigenous studies, and the biological sciences to explore the labyrinthine history of how colonialism transformed rich and complex plant worlds into biological knowledge. Botany of Empire demonstrates how botany's foundational theories and practices were shaped and fortified in the aid of colonial rule and its extractive ambitions. We see how colonizers obliterated plant time's deep history to create a reductionist system that imposed a Latin-based naming system, drew on the imagined sex lives of European elites to explain plant sexuality, and discussed foreign plants like foreign humans. Subramaniam then pivots to imagining a more inclusive and capacious field of botany untethered and decentered from its origins in histories of racism, slavery, and colonialism. This vision harnesses the power of feminist and scientific thought to chart a course for more socially just practices of experimental biology. A reckoning and a manifesto, Botany of Empire provides experts and general readers alike with a roadmap for transforming the colonial foundations of plant science." -- Back cover.*

Shelf no. **580.9 SUB**



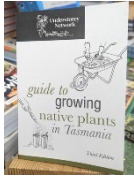
## [A field guide to Australian orchids : Epiphytes / David L. Jones.](#)

Sydney : Reed New Holland, 2024.

ISBN: 9781921517693

*"This comprehensive and portable field guide includes concise accounts and stunning images showing key features for the more than 240 epiphytic orchid species from mainland Australia and its island territories. The text gives details of flowering period, flowers, leaves, habitat, distribution, altitudinal range, status and more. The book also contains family introductions, many line drawings and ID keys and a glossary of botanical terms. In short, it is the ideal companion to take into the field for any orchid enthusiast." -- Back cover.*

Shelf no. **584.40994 JON**



**Guide to growing native plants in Tasmania /  
compiled by Veronica Thorp and edited by Ruth  
Mollison.**

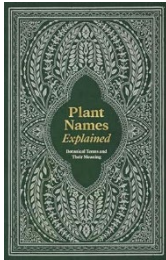
[Hobart, Tasmania] : Understorey Network, 2024

ISBN: 9780646893129

Third edition

*"The Understorey Network (USN) uses an effective and economical way of propagating seedlings by direct sowing into tubes. This method is simple and produces sturdy plants using very little seed. Its success results from growing each seedling by itself in the same tube from start to finish - until it is ready for planting. This guide explains how to: grow healthy seedlings from seed; grow plants from cuttings; collect and clean your own seed; plant out seedlings on your property." -- An outline of the USN method.*

Shelf no. **635.951946 GUI**



**Plant names explained : botanical terms and their  
meaning / [compiler Julia Brittain ; editor Sue  
Gordon]**

Exeter : David and Charles, 2024

ISBN: 9781446313510

*"Intended for gardeners and anyone with a passing interest in plants, Plant names explained sets out to demystify botanical nomenclature and brings to life a subject that can often seem somewhat bewildering. Plant names tell many stories, both factual and imaginary. They are a fascinating catalogue created by those that discovered the plants and the botanists who tried to fit those plants into the infinite jigsaw of the plant world. The names given to the plants are valuable information to the gardener; often descriptive and cultural but also a historical record of where a plant fits into the history of our gardens." -- Back cover.*

Shelf no. **580.14 PLA**



## [The lives of seaweeds : a natural history of our planet's seaweeds & other algae / Julie A. Phillips.](#)

Princeton : Princeton University Press, [2023]

ISBN: 9780691228556

*"An engaging and richly illustrated exploration of the natural history of seaweeds and other algae. Combining accessible text with stunning images and graphics, this book takes a deep dive to explore the unique characteristics of seaweeds and other algae, outlining their extraordinary evolution as well as their morphology, life histories, ecology, and uses. Offering rare insights into the algal world The Lives of Seaweeds is essential reading for naturalists and marine life enthusiasts." -- Back cover.*

Shelf no. **579.88 PHI**



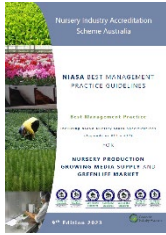
## [The lives of fungi : a natural history of our planet's decomposers / Britt A. Bunyard.](#)

Princeton : Princeton University Press, 2022

ISBN: 9780691229843

*"A fascinating and richly illustrated exploration of the natural history of fungi. We know fungi are important, for us as well as the environment. But how they live, and what they can do, remains mysterious and surprising. The Lives of Fungi presents an inside look into their hidden and extraordinary world. The wonders of fungi are myriad: a mushroom poking up through leaf litter literally overnight, or the sensational hit of umami from truffle shavings. Alexander Fleming cured infections with mold and spiritual guides have long used psychedelic mushrooms to enhance understanding. Then there are the tiny threads of fungi, called hyphae, that create a communications network for the natural world while decomposing organic matter. Combining engaging and accessible text with beautiful images, The Lives of Fungi lays out all the essential facts about fungi for the mycologically curious." -- Back cover.*

Shelf no. **579.5 BUN**



## [NIASA best management practice guidelines / Nursery Industry Accreditation Scheme Australia](#)

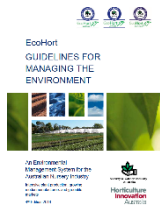
Sydney : Greenlife Industry Australia, 2023

ISBN: 9780648427636

9th ed.

*"The NIASA Best Management Practice Guidelines provide the standard for the setup and operation of professional production nurseries, growing media suppliers and greenlife market businesses under industry best management practice principles. These guidelines, along with the support of technical advisors, are practical in their advice for businesses due to them having been designed to improve plant production in container cropping systems, growing media production and greenlife market plant management." -- Foreword.*

Online access: <https://library.dcceew.gov.au/cgi-bin/koha/opac-detail.pl?biblionumber=34508>



## [EcoHort : guidelines for managing the environment : an environmental management system for the Australian nursery industry / editors John McDonald, Grant Telford and Chris O'Connor.](#)

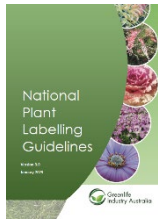
Sydney : Nursery & Garden Industry Australia, 2018

ISBN: 9780648427612

4th ed.

*"This program (EcoHort) supports production nurseries, growing media manufacturers and greenlife market businesses to implement good sustainable practice, improve production and help position the industry to proactively demonstrate its role in maintaining and enhancing the broader landscape in which we all live, work and play. The Australian nursery industry, in partnership with Horticulture Australia Limited (HAL), has developed these environmental guidelines titled EcoHort as a tool to assist production nurseries, growing media manufacturers and greenlife market businesses demonstrate their commitment to sound environmental and natural resource stewardship." -- Introduction.*

Online access: <https://library.dcceew.gov.au/cgi-bin/koha/opac-detail.pl?biblionumber=34509>



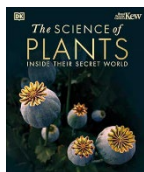
## [National plant labelling guidelines / Greenlife Industry Australia.](#)

Sydney : Greenlife Industry Australia, 2023.

Version 3

*"These guidelines for labelling plants have been developed by the Australian greenlife industry in conjunction with the Tree and Shrub Growers of Victoria, the wider industry and a legal team with a specialist interest in intellectual property within the greenlife industry. They are recommended for adoption by all plant producers, suppliers of plant material, plant retailers and label manufacturers. These guidelines have been developed to reduce confusion and provide clear guidance in relation to the content of labels used on plants, and how plant information is conveyed to the market. These guidelines also support the efforts of regulators to address market access, invasive plant and potentially harmful plant issues."* – Introduction

Online access: <https://nurseryproductionfms.com.au/download/national-plant-labelling-guidelines/>



## [The science of plants : inside their secret world / senior editor, Helen Fewster.](#)

London : DK Penguin Random House, 2022

ISBN: 9780241515501

*"This book provides an elegant introduction to the plant kingdom. Discover the extraordinary diversity of the plant world - and how plants work - with this photographic celebration of the trees, flowers, and foliage plants that share our planet. From tiny mosses and delicate ferns to vibrant blooms and stately palms, The Science of Plants invites you to explore the plant kingdom from the ground up, and from root to leaf tip. DK's elegant introduction to botany is packed with sumptuous photos and crystal-clear artworks that explain the mechanics of photosynthesis, why leaves change colour, how cacti store water, and how seeds know when to grow. Filled with fascinating stories of how plants protect themselves from predators, and how flowers use colour and scent to interact with - and manipulate - the creatures around them, The Science of Plants is a fresh and engaging introduction to the mysterious inner workings of the plant world." -- Publisher description.*

Shelf no. **571.32 SCI**