

Feb 2025.

Hi all,

This edition of Library Connect has the usual listing of new books and a few articles for your interest. The selection of 'free to good home' books is being refreshed and more will be available soon.

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

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

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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

The Conversation

With just 5 years to go, the world is failing on a vital deal to halt biodiversity loss

Published: February 18, 2025 6.06am AEDT

Justine Bell-James & James Watson

<https://theconversation.com/with-just-5-years-to-go-the-world-is-failing-on-a-vital-deal-to-halt-biodiversity-loss-249841>

The Guardian

'The risk of extinction is accelerating': world's botanic gardens raise alarm with space to protect endangered plants running out

University of Cambridge research suggests living collections have collectively reached peak capacity

Donna Ferguson

Sat 25 Jan 2025 22.49 AEDT

<https://www.theguardian.com/environment/2025/jan/25/the-risk-of-extinction-is-accelerating-worlds-botanic-gardens-raise-alarm-with-space-to-protect-endangered-plants-running-out>

Phytotaxa, 2024; 678(1) 83-95

Characterisation of Adelopetalum argyropus (Orchidaceae; Malaxideae) with the description of two related new species and two new combinations

David L. Jones, Heidi C. Zimmer, Mark A. Clements, Jeremy J. Bruhl, Joel Christian, Lachlan M. Copeland, Ian Hutton, Alexandra Andersen, Melinda Wilson.

<https://phytotaxa.mapress.com/pt/article/view/phytotaxa.678.1.9>

Brighter Side News

This tiny plant could revolutionize agriculture and combat climate change

Discover how hornworts' CO₂-concentrating mechanisms could boost crop efficiency by 60%, revolutionizing agriculture and combating climate change.

Rebecca Shavit

Published Feb 10, 2025 3:07 PM PST

<https://www.thebrighterside.news/post/this-tiny-plant-could-revolutionize-agriculture-and-combat-climate-change/>

Australian Journal of Botany 73, BT23088

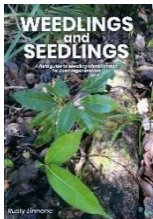

Published: 30 January 2025

Tasmania's giant eucalypts: discovery, documentation, macroecology and conservation status of the world's largest angiosperms

Brett Mifsud, Lynda D. Prior, Grant J. Williamson, Jan Corigliano, Carl Hansen, Robert Van Pelt, Steven Pearce, Thomas Greenwood and David M. J. S. Bowman.

<https://doi.org/10.1071/BT23088>

New additions to the collection

	<p><u>Weedlings and seedlings : a field guide to seedling identification for bush regeneration / Rusty Linnane ; botanical diagrams by Chris Hansen.</u></p> <p>[Australia] : Rusty Linnane, [2024].</p> <p><i>"Rusty Linnane has been restoring sub-tropical rainforest in eastern Australia for over 20 years, he has an enthusiasm for teaching and improving industry methods and standards. This book comes from a bush regenerator's perspective identifying environmental weedlings and endemic seedlings. It is a collection of often mistaken species regularly seen within ecological restoration sites from the Capricorn Coast to north-eastern New South Wales." -- Back cover.</i></p> <p>Shelf no. 581.6520994 LIN</p>
	<p><u>The fungi of Kangaroo Island - and beyond : an illustrated field guide to the larger fungi of Southern Australia / Pamela S. Catchside, David E.A. Catchside.</u></p> <p>Adelaide, S.A. : Board of the Botanic Gardens and State Herbarium, [2024]. ISBN: 9781922027658</p> <p><i>"This guide to the fungi of southern Australia has a focus on iconic Kangaroo Island. On the wetter west end of the island the authors encountered a rich assemblage of fungi, many of which are also found on the mainland. This book provides detailed, full-page descriptions of 206 species, a guide to the diversity of fungi, how to collect the larger species, tips on photographing them, a bibliography, an account of the effects of fire on fungi and of the joys and occasional frustrations of fungal forays in South Australia, the driest state in this driest continent." -- Back cover.</i></p> <p>Shelf no. 579.5099423 CAT</p>



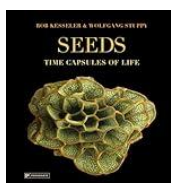
Living with wildlife : a guide for our homes and backyards / Tanya Loos.

Clayton, VIC : CSIRO Publishing, [2024].

ISBN: 9781486316946

"Possums in the roof, an echidna in the garden, or perhaps a python in the pantry? Living with Wildlife: A Guide for Our Homes and Backyards explores commonly asked questions and issues about encounters with wildlife. Taking a wildlife-friendly approach, Tanya Loos provides practical information, advice and solutions, based on current guidance from wildlife rescue organisations and the latest research. Living with Wildlife features helpful advice on wildlife rescue, both for every day and during extreme weather events, as well as common issues such as feeding wildlife, pets and driving. As urbanisation and climate change effects intensify, Australian wildlife need our help now more than ever, making this a timely guide for successfully living alongside our wild neighbours." -- Back cover.

Shelf no. **591.994 LOO**



Seeds : time capsules of life / Rob Kessler & Wolfgang Stuppy ; Edited & designed by Alexandra Papadakis.

Berkshire, UK : Papadakis, 2024.

ISBN: 9781906506759

4th edition

"Join artist Rob Kessler and seed morphologist Wolfgang Stuppy on a captivating journey into the microcosm of seeds, where art and science converge to unveil one of nature's most stunning secrets. Discover why seeds are the plant kingdom's most ingenious creation, trace their origins back 360 million years, and learn how they evolved to colonise the world. Acting as time capsules of new life, seeds may travel thousands of miles, sometimes waiting for many years before germinating to bring forth a new plant. This book not only captivates and enlightens those interested in the natural world, but also anyone drawing inspiration from the wonderful and endlessly fascinating world we live in." -- Back cover.

Shelf no. **581.467 KES**



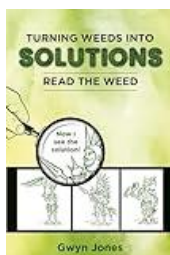
Australian trees and shrubs : common and scientific names and toxic properties / Morris Lake.

Highgate Hill, Qld. : International Wood Collectors Society, 2019.

ISBN: 9781876601041

"This publication links common and scientific names for Australian woody plants. In selecting species for inclusion, only those capable of producing craft-size or sample-size wood specimens have been included. It's therefore not simply a list of all the species in each genus or family. The book contains over 5,700 common names used to identify over 4,450 Australian species, subspecies and varieties. It came into being because of the difficulty of establishing a scientific name for a sample of wood when only the common name is known. Most scientific references place little importance on the common name - but we live by common names." -- p. iii

Shelf no. **582.160994 LAK**



Turning weeds into solutions : read the weed / Gwyn Jones.

Banyo, Qld. : Global Publishing Group, 2023.

ISBN: 9781925370843

"Throughout Australia, weeds are spreading faster than they can be controlled and Australia is only second to America in cases of herbicide resistant weeds. Gwyn Jones, international author and educator, uses his many years of experience in this field to show us in simple language how to take a new eco-logical approach and turn weeds into solutions!

You'll discover:

- *How new Judo Weed Management gives quick results.*
- *Why you're wasting money on herbicides.*
- *How to fast track your ecological weed control and save heaps of time.*
- *The secrets of learning to turn your weeds off!*
- *How to gain the skills of using weeds as environmental indicators.*
- *How nature uses weeds to repair soil health.*
- *Why Regenerative Agriculture manages weeds differently." -- Back cover.*

Shelf no. **632.50994 JON**



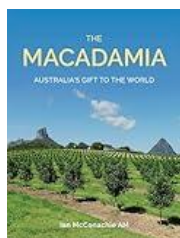
The hidden world of mosses / Neil Bell ; with photography by Des Callaghan.

Edinburgh : Royal Botanic Garden Edinburgh, 2023.

ISBN: 9781910877456

"Mosses have a spectacular diversity of beautiful and surprising forms. They are nearly always what we as humans would consider small, but they play a critical role in climate change prevention and in controlling the movement of water and nutrients through the environment. With stunning photography throughout to complement the text, The Hidden World of Mosses explores the tiny, intriguing realm of these plants that form their own miniature forests filled with grazers and predators and have their own ecological norms and mechanics." -- Back cover.

Shelf no. **588.2 BEL**



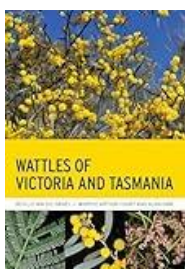
The macadamia : Australia's gift to the world : a history of the finest nut in the world and the industry it supports / Ian McConachie AM.

North Melbourne, Victoria : Australian Scholarly Publishing, 2024.

ISBN: 9781923267107

"After describing the evolution and habitat of macadamias, Ian McConachie considers the relationship of Australia's Indigenous peoples with the species. He traces the discoveries and experiences of early European botanists and pioneering farmers in the nineteenth century through to the first attempts to establish commercial ventures. He records how increased investment by farmers, factory owners and marketers after World War II led to an expansion of macadamia plantings, with the Colonial Sugar Refining Company and the Australian Macadamia Society contributing significantly to the development of a modern industry. Looking ahead, he offers ideas and insights for the future success of the macadamia industry." -- Back cover

Shelf no. **634.5 MCC**



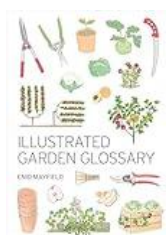
Wattles of Victoria and Tasmania / Neville Walsh, Daniel J. Murphy, Arthur Court and Alan Gibb.

Clayton South, VIC : CSIRO Publishing, 2025.

ISBN: 9781486317967

"Wattles (Acacia) are among the most vibrant plants in the southern Australian bush, with their iconic yellow blooms particularly visible in late winter and spring. As the largest genus of flowering plant in Australia, they are one of the most resilient, recognisable and culturally significant native plants. However, they can be difficult to identify at a species level. This comprehensive guide to all 121 species and subspecies of wattles found in Victoria and Tasmania includes notes on the habitat, distribution and special properties of each species. Identification keys, high-quality field photos and distribution maps enable easy identification, and fascinating detail on the etymology of species names, their use as food and the taxonomic history of the group is also included. This guide will inform and inspire botanists, conservationists and wattle enthusiasts." -- Back cover.

Shelf no. **583.74809945 WAL**



Illustrated garden glossary / Enid Mayfield.

Clayton South, VIC : CSIRO Publishing, 2025.

ISBN: 9781486317349

"The Illustrated Garden Glossary is a comprehensive glossary of over 1000 terms related to gardening and horticulture, each supported by superb colour illustrations to aid understanding. The topics covered include plant classification, morphology and growth; plants from seeds; propagation; soil; compost; planting systems; pruning; pests and diseases; water and more. The glossary also explores terms relating to the history of gardens, from ancient Greece and Egypt to gardens across Asia and the Middle East, and through to our modern-day urban farms. The Illustrated Garden Glossary is a must-have reference for gardeners, plant scientists, horticulturalists, students, libraries, ecologists and urban farmers." -- Back cover.

Shelf no. **635.03 MAY**