



Australian National  
Botanic Gardens

# LIBRARY CONNECT

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

June 2023.

Hi all,

This month's Library Connect has the usual listing of new books, some very old ones, two new art works and links to a couple of recent articles on the herbarium of the future and the importance of mosses.

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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*Lasiopetalum behrii*  
Photo sbrogers

## For your interest

### Trends in Ecology & Evolution,

May 2023, Vol. 38, No. 5, Pages 412-423

*The herbarium of the future* / Charles C. Davis

<https://doi.org/10.1016/j.tree.2022.11.015>

### The Conversation

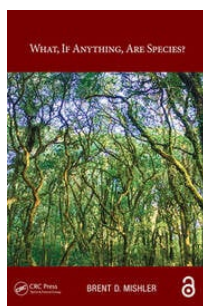
*An epic global study of moss reveals it is far more vital to Earth's ecosystems than we knew.*

Published: May 2, 2023. 6.00am AEST

Dylan Shaw/Unsplash

<https://theconversation.com/an-epic-global-study-of-moss-reveals-it-is-far-more-vital-to-earths-ecosystems-than-we-knew-203141>

## New books



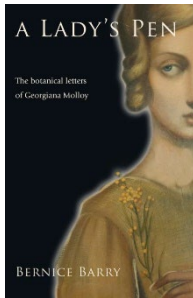
### [What, if anything, are species? \[electronic resource\] / Brent D. Mishler.](#)

Boca Raton : CRC Press, 2021.

ISBN: 9781351645997

*“This book is an extended argument for abandoning the species rank. Instead, the author proposes that the rank of species be replaced by a pluralistic and multi-level view. In such a view, all clades including the smallest identifiable one would be named and studied within a phylogenetic context. What are currently called species represent different sorts of things depending on the sort of organisms and processes being considered. This is already the case but is not formally recognized by those scientists using the species rank in their work. Adopting a rankless taxonomy at all levels would enhance academic studies of evolution and ecology and yield practical benefits in areas of public concern such as conservation. Key features: Proposes the replacement of restrictive species concepts with a pluralistic view. Suggests abandoning the formal taxonomic rank of species. Considers zoological, botanical, and microbiological aspects of the species level. Deals with practical issues such as conservation, inventories, and field guides.” -- Publisher website.*

Online access: <https://www.taylorfrancis.com/books/oa-mono/10.1201/9781315119687/anything-species-brent-mishler>



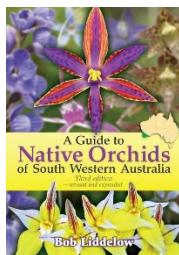
## [A lady's pen : the botanical letters of Georgiana Molloy / Bernice Barry.](#)

Witchcliffe, Western Australia : Redgate Consultants, 2023

ISBN: 9780994206411

*"In December 1836, Georgiana Molloy received an unexpected letter from London. Captain James Mangles asked her to collect specimens of native plants in the British settlement where she lived, on Wadandi Pibelmen country in Western Australia's isolated southwest. During the last six years of her life, they exchanged letters and she sent him three exquisite collections of seeds and dried wildflowers from Taalinup and Undalup (Augusta and Busselton). Eminent gardeners and botanists considered them to be the highest quality they had received from the 'Swan River colony'. She was self-taught but her surviving specimens are still studied in herbaria around the world. She died in 1843 aged thirty-seven, having received no payment or formal recognition for her scientific achievements. This is the first complete, unedited transcription of the extracts Mangles kept from her letters, the only significant, first-hand source of information about her botanical work. The historical filters within the letters are demystified and an account of Mangles' own life helps to restore the voice missing from that long-distance conversation for a hundred and eighty years. But the plants of WA's southwest are the main characters in this story. Their incredible journeys across oceans and through time are supplemented by the first comprehensive list of the species Georgiana Molloy collected." -- Back cover.*

Shelf no. **580.92 MOL**



## [A guide to native orchids of South Western Australia / Bob Liddelow ; design by Scout Creative.](#)

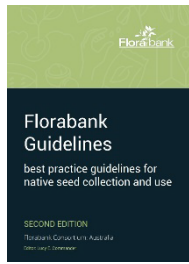
City Beach, W.A. : R&R Publications Australia Pty Ltd, 2022

Third edition, revised and expanded.

ISBN: 9780958753265

*"This is an orchid guide with a difference. Instead of covering all species with total distribution areas, this book treats a very representative collection of orchids in great detail. The specific sites for each orchid are illustrated with 'mud maps'. The book also cross-references some 275 orchids with about 230 sites in the greater south-west of Western Australia. Every orchid is illustrated fully in colour. There are also comprehensive Indexes, a Glossary, Author's Notes and more." -- Back cover.*

Shelf no. **584.4099412 LID**



## **Florabank guidelines : best practice guidelines for native seed collection and use / Editor: Lucy E. Commander.**

[Canberra] : FloraBank Consortium: Australia, 2021.

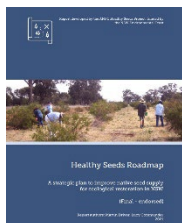
2nd ed.

ISBN: 9780975219157

*“Modules*

- 1. Introduction,*
- 2. Working with Indigenous Australians: Seed Knowledge, Partnerships, Intellectual Property and Permissions,*
- 3. Approvals, Principles and Standards for Seed Collection,*
- 4. Record Keeping,*
- 5. Seed Sourcing,*
- 6. Seed Collection,*
- 7. Seed Production,*
- 8. Seed Processing: Post-harvest Drying, Seed Extraction and Cleaning,*
- 9. Seed Drying and Storage,*
- 10. Seed Quality Testing,*
- 11. Seed Germination and Dormancy,*
- 12. Seed Enhancement Technologies,*
- 13. Nursery Propagation of Tubestock and Restoration Planting,*
- 14. Direct Seeding,*
- 15. Buying and Selling Seeds.” – Table of Contents.*

Online access: <https://www.anpc.asn.au/product/florabank-guidelines/>



## **Healthy seeds roadmap : a strategic plan to improve native seed supply for ecological restoration in NSW (Final - endorsed) / Report authors: Martin Driver, Lucy Commander.**

[Canberra] : ANPC, 2021.

*“This report aims to improve the NSW native seed sector by providing a series of recommendations.*

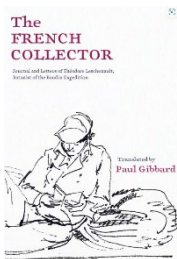
*The structure of the report is as follows:*

- *Executive summary*

- *Introduction to the project*
- *New South Wales Seed Sector Survey*
- *A summary table of the barriers identified in the survey, their implications and opportunities to address them (Table 2)*
- *The Roadmap – proposed sector interventions using evidence from the New South Wales Seed Sector Survey, the Seed Production Area Audit, and the Australian Native Seed Survey Report.*

*Ultimately, by improving the native seed sector, the report authors aspire to more efficient and better-quality ecological restoration, which will provide benefits to flora and fauna, ecosystem services, economic returns, carbon capture and storage, resilience to extreme climatic events, employment opportunities, and contribute to Australia’s international commitments." -- Preface.*

Online access: <https://www.anpc.asn.au/healthy-seeds/>



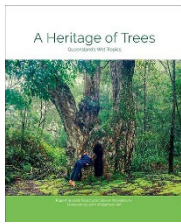
**The French collector : journal and letters of Théodore Leschenault, botanist of the Baudin Expedition / translated with an introduction and notes by Paul Gibbard.**

Crawley, Western Australia : UWA Publishing, 2023

ISBN: 9781760802165

*"It is only with difficulty that I may describe for you the sensations I felt the first time I went ashore on an unknown coast. My whole being was filled with confused pleasure, everything around me sparked my curiosity - pebbles, shells washed up on the beach, plants. I collected all with wild enthusiasm..." The French botanist Theodore Leschenault (1773-1826) travelled with Nicolas Baudin's voyage of discovery to Australia in the years 1800 to 1803: his journal and letters vividly record his impressions of the plant life and animals he encountered, along with dramatic and unsettling meetings with Indigenous peoples. Shaped as much by Enlightenment ideas as by his painful experience of the French Revolution, Leschenault weaves through his travelogue reflections on topics ranging from slavery and colonialism to plant systematics and environmental damage. Long thought lost, Leschenault's original manuscript journal was rediscovered only in 2016. The French Collector offers the first complete English translation of this journal, including two previously unknown chapters on his experiences in Le Havre, Tenerife and Mauritius. This edition also provides extensive explanatory notes and an introduction which details Leschenault's early life in Burgundy and imprisonment during the Revolution and sets his activities against the backdrop of French science and exploration in the period." -- Back cover.*

Shelf no. **580.92 LES**



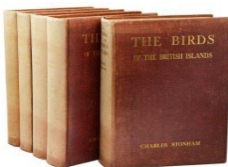
**[A heritage of trees : Queensland's wet tropics / Rupert Russell, Paul Curtis and Steven Nowakowski ; \[foreword by John Williamson\].](#)**

Australia : Steven Nowakowski Publishing, 2019

ISBN: 9780648473053

*"In the mid 90s an international book arrived on the market titled Meetings with Remarkable Trees. Writer Rupert Russell and photographer Paul Curtis were inspired and considered all the remarkable trees they had passed by in their travels around north Queensland's Wet Tropics and contemplated their individual stories of resilience and character. The Wet Tropics is nothing if not trees and all the lifeforms they support. Paul and Rupert travelled far and wide over 3 years visiting known examples and discovering many more. You could say people came out of the woodwork offering advice and information on individual examples of great spirit and in many cases known to very few people. Three years of walking, climbing and crawling resulted in quite a library of spectacular examples of dwarves and giants from deep within the wilderness. However, other commitments and financial resources led to a hiatus until in 2018 photographer and publisher Steven Nowakowski re-lit their enthusiasm and offered his assistance and expertise in getting the project moving again. Trees were re-visited and more discovered. Rupert's wonderful text brings alive the story of encountering each tree and Paul and Steve's photographs capture the sometimes uncooperative subjects in all their moods and spectacle. Here, a combination of talents has produced a long overdue book celebrating the nature of north Queensland's Wet Tropics through the age-old inhabitants that have watched as indigenous Australians, explorers, loggers and bushwalkers passed beneath their limbs - the trees of north Queensland." -- Publisher website.*

Shelf no. **582.16099436 RUS**



**[The birds of the British Islands / by Charles Stonham ; illustrated by Lilian M. Medland.](#)**

London : E. Grant Richards, 1906-1911

20 parts in 5 volumes.

*Donated to the ANBG by Betty & Don Wood.*

Shelf no. **Rare 598.0941 STO v.1-5** [not for loan]



**[Acacia leprosa 'Scarlet blaze' \[art original\]](#)**  
**[/ Annette Dahler.](#)**

1 art original : coloured pencil on paper ; 38 x 50 cm

*Donated by the Friends of the ANBG following an exhibition by the Botanic Art Group, High country natives, Saturday 8th April - Sunday 7th May 2023.*

Shelf no. **Art 160**



**[Hakea laurina, Pincushion hakea \[art original\]](#)**  
**[/ Jacqui Gilleland.](#)**

1 art original : coloured pencil and graphite on paper ; 47.5 x 62.5 cm

*Donated by the Friends of the ANBG following an exhibition by the Botanic Art Group, High country natives, Saturday 8th April - Sunday 7th May 2023.*

Shelf no. **Art 161**