

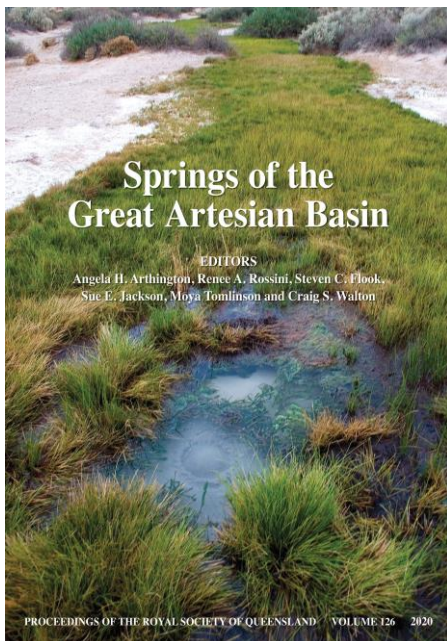
Royal Society of Queensland

The Royal Society of Queensland

*Representing Queensland learned inquiry since 1884
The Society hosts the Queensland Science Network,
a collaboration between knowledge-based scientific societies.*

Springs of the Great Artesian Basin

Proceedings of The Royal Society of Queensland – Special Issue 126



Another milestone in the history of scientific publication in Queensland has been reached with the publication of another Special Issue of *The Proceedings of the Royal Society of Queensland* on the *Springs of the Great Artesian Basin*.

This compilation of some 330 pages is available online under open access conditions following generous financial support from the Australian and Queensland Governments and Griffith University.

This publication presents papers ranging from historic and contemporary narratives, Indigenous perspectives, scientific papers (geohydrology, ecology, management and conservation) and a final synthesis paper, in a volume of 19 items.

The volume is especially timely as governments, scientists and citizens work towards recovery of groundwater pressure, threat abatement and conservation of the community of native species dependent on natural discharge of groundwater from the Great Artesian Basin.

Editors: Angela H. Arthington [editor@royalsocietyqld.org.au], Renee A. Rossini, Steven C. Flook, Sue E. Jackson, Moya Tomlinson and Craig S. Walton.

Print copies are available for \$50 plus \$15 postage. Orders please to our Administration Coordinator Pam Lauder admin@royalsocietyqld.org.au.



Blanche Cup (*Thirka*) with extinct mound spring Hamilton Hill (*Wabma-kardayapu*) in background.
This area is the site of an Aboriginal Dreaming story relating to the Rainbow Serpent *Kanmari*
(Photo: A. Jensen)

Table of Contents

- ARTHINGTON, A. H., JACKSON, S.E., TOMLINSON, M., WALTON, C. S., ROSSINI, R. A., AND FLOOK, S.C.,
Springs of the Great Artesian Basin – Oases of Life in Australia’s Arid and Semi-arid Interior
- MOGGRIDGE, B. J.
Aboriginal People and Groundwater
- HABERMEHL, M. A.
Hydrogeological Overview of Springs in the Great Artesian Basin
- FLOOK, S. C., FAWCETT, J., ERASMUS, D., SINGH, D., AND PANDEY, S.
Evolution of Knowledge on Springs in the Surat and Southern Bowen Basins: Survey, Conceptualisation and Wetland Dynamics
- KEPPEL, M., WOHLING, D., LOVE, A., AND GOTCH, T.
Hydrochemistry Highlights Potential Management Issues for Aquifers and Springs in the Lake Blanche and Lake Callabonna Regions, South Australia
- SILCOCK, J. L., TISCHLER, M. K., AND FENSHAM, R. J.
Oases at the Gates of Hell: Hydrogeology, Cultural History and Ecology of the Mulligan River Springs, Far Western Queensland
- CHOY, S. C.
Caridina thermophila, an Enigmatic and Endangered Freshwater Shrimp (Crustacea: Decapoda: Atyidae) in the Great Artesian Basin, Australia
- KEREZSY, A.
Fishes of Australia’s Great Artesian Basin Springs – An Overview
- KEREZSY, A.
The Distribution of the Endangered Fish Edgbaston Goby, *Chlamydogobius squamigenus*, and Recommendations for Management
- CLIFFORD, S. E., STEWARD, A. L., NEGUS, P. M., BLESSING, J. J., AND MARSHALL, J. C.
Do Cane Toads (*Rhinella marina*) Impact Desert Spring Ecosystems?
- BRAKE, L.
Development, Management and Rehabilitation of Water Bores in the Great Artesian -Basin, 1878–2020
- PECK, S.
Evaluating the Effectiveness of Fencing to Manage Feral Animal Impacts on High -Conservation Value Artesian Spring Wetland Communities of Currawinya National Park
- LEWIS, S., AND PACKER, J. G.
Decadal Changes in *Phragmites australis* Performance in Lake Eyre Supergroup Spring Communities Following Stock Exclusion
- HARRIS, C.
Five Decades of Watching Mound Springs in South Australia
- ROSSINI, R. A.
Current State and Reassessment of the Threatened Species Status of Invertebrates Endemic to Great Artesian Basin Springs
- POINTON, R. K., AND ROSSINI, R. A.
Legal Mechanisms to Protect Great Artesian Basin Springs: Successes and Shortfalls
- LEWIS, S., AND HARRIS, C.
Improving Conservation Outcomes for Great Artesian Basin Springs in South Australia
- JENSEN, A. E., LEWIS, S. A., AND LEWIS, M. M.
Development of an Adaptive Management Plan and Template for Sustainable Management of Great Artesian Basin Springs
- ROSSINI, R. A., ARTHINGTON, A. H., JACKSON, S.E, TOMLINSON, M., WALTON, C. S., AND FLOOK, S.C
Springs of the Great Artesian Basin – Knowledge Gaps and Future Directions for Research, Management and Conservation
- WALTON, C. S.
Obituary for Lynn Brake