Most Australian grasses are as spectacularly beautiful as the finest the rest of the world has to offer, while naturally being better adapted to the varied Australian climates. This book describes around 200 species of grasses, sedges, rushes, grasstrees and related plants, and is illustrated with photos taken in rainforests, wetlands, mallee scrub, and gardens from around the country.

An easy-to-use tool for identifying some of the most common native grasses in temperate Australia.

Cricket song is a sound of the Australian bush. Even in cities, the rasping calls signify Australia’s remarkable cricket biodiversity. Crickets are notable for a variety of reasons. When their population booms, some of these species become agricultural pests and destroy crop pastures. Some introduced species are of biosecurity concern. Other crickets are important food sources for native birds, reptiles and mammals, as well as domestic pets. Soon you might even put them in your cake or stir-fry, as there is a rapidly growing industry for cricket products for human consumption. Featuring keys, distribution maps, illustrations and detailed colour photographs from CSIRO’s Australian National Insect Collection, A Guide to Crickets of Australia allows readers to reliably identify all 92 described genera and many species from the Grylloidea (true crickets) and Gryllotalpoidea (mole crickets and ant crickets) superfamilies. Not included are the Raspy Crickets (Gryllacrididae), King Crickets (Anostostomatidae) or the so-called ‘Pygmy Mole Crickets’ (Caelifera), which despite their common names are not related to true crickets. Natural history enthusiasts and professionals will find this an essential guide.

West Australian Native Plants in Cultivation differs from other books written about the subject, because this text is based on actual experience in Western Australia and its flora. The book describes the cultivation of some of the plants that grow naturally in the region.
The text starts with a background of the State and its flora, with some description of these plants as being successfully grown in other parts of the country and the world. The book lists the common and botanical names of the plants for easy identification, as well as the existence of the "Society for Growing Australian Plants," which keeps records of plant growth and conditions. The text then offers tips in growing these native plants. The book shows where to collect, process, store, and treat hard-coated seeds. The text then explains propagating using the seed, transplanting the seedlings, and propagating the plant by other means such as cuttings and rootings. The book does not miss on how to take care of the plant through proper watering, mulching, pruning, fertilizing, and controlling pests. The text gives other useful information such as the localities where a type of plant can be found, as well as the kinds of plants that can be grown for special purposes. Agriculturists, plant lovers, botanists, and home-makers will find this guide useful and interesting.

Native offers planting palettes and design themes, gardening techniques and inspiration for an original and exciting perspective on the very best of Australian local flora. When Kate Herd started experimenting with how she pruned and trained the native plants in her riverside garden in Melbourne, she made some amazing discoveries. A eucalyptus shrub she had cut right back to the ground reappeared as the most beautiful sprawling ground cover. Westringia was shaped to impersonate perfect English Box balls. And she found that Tasmanian beech trees could grow as a copse in small city courtyards. Jela had similar experiences in her own garden design practice and together Kate and Jela have explored the unique beauty and resilience of Australia's native plants. Known for their absolute versatility and hardiness in the garden, native plants also offer up original forms for cut flowers and sculpture. Garden designers Fiona Brockhoff and Sue Barnsley, Sculptor Tracey Deep and Artist Janet Lawrence all share their own love of Australian plants and how they incorporate them into their work. Chapters cover topics such as: Feature Foliage, Sculptural Forms, Pliability, Shady Spaces and Flowering Meadows.

Cockroaches! Even a mere mention of the word causes many people to recoil in horror. However, of the hundreds of species of cockroaches (or blattodeans as they are known) found in Australia, only a small number of them give the group a bad name. Just a few species that are commonly found in homes, restaurants and hospitals are responsible for thousands of dollars in expenditure to comply with health standards. A Guide to the Cockroaches of Australia is a comprehensive account of most of the 550 described species found in Australia. The book reveals their diversity and beauty, it looks in detail at their morphology, habitats and ecology, and explains how to collect and preserve them. Importantly, it will allow pest controllers, students and researchers to reliably identify most of the common pest species as well as the non-pest cockroaches. It will also, perhaps, go some way towards elevating the reputation of these much-maligned insects, and promote further study of them. 2014 Whitley Award Commendation for Field Guide.

In today's South, where fine gardening is a tradition, many homeowners and professional gardeners are discovering a vast "new" palette of plant materials—native plants. They are realizing that these native wildflowers, trees, shrubs, groundcovers, vines, and grasses are far better suited, and therefore easier to grow and maintain, than most of the imported plants that populate traditional landscapes. In this book, the authors offer an exciting vision of the many possibilities and advantages of "going native." Lavishly illustrated with more than 250 gorgeous color photographs, this book is both an introduction to more than 200 of the most familiar and easiest-to-find native plants.
of the South and a basic primer on how to use them effectively.

Keeping native Australian stingless social bees.

Marcia Langton: Welcome to Country is a curated guidebook to Indigenous Australia and the Torres Strait Islands. In its pages, respected scholar and author Professor Marcia Langton offers fascinating insights into Indigenous languages and customs, history, native title, art and dance, storytelling, and cultural awareness and etiquette for visitors. There is also a directory of Indigenous tourism experiences, organised by state or territory, covering galleries and festivals, national parks and museums, communities that are open to visitors, as well as tours and performances. This book is essential for anyone travelling around Australia who wants to learn more about the culture that has thrived here for over 50,000 years. It also offers the chance to enjoy tourism opportunities that will show you a different side of this fascinating country — one that remains dynamic, and is filled with openness and diversity.

Guide to creating a native garden filled with colourful plants. Chapters are divided by colours and there is a guide to native gardens in Australia, a glossary and plant indexes.

This is an essential, practical resource for pre- and in-service educators on creating contexts for success for Aboriginal and Torres Strait Islander students. Based on the latest research and practice, this book provides an in-depth understanding of the colonised context within which education in Australia is located, with an emphasis on effective strategies for the classroom. Throughout the text, the authors share their personal and professional experiences providing rich examples for readers to learn from. Taking a strengths-based approach, this book will support new and experienced teachers to drive positive educational outcomes for Aboriginal and Torres Strait Islander students.

The Hunter Region, between the Hawkesbury and Manning rivers in eastern New South Wales, hosts a rich diversity of vegetation, with many species found nowhere else. Spanning an area from the coast to the tablelands and slopes, its rainforests, wet and dry sclerophyll forests, woodlands, heathlands, grasslands and swamps are known for their beauty and ecological significance. Flora of the Hunter Region describes 54 endemic trees and large shrubs, combining art and science in a manner rarely seen in botanical identification guides. Species accounts provide information on distribution, habitat, flowering, key diagnostic features and conservation status, along with complete taxonomic descriptions. Each account includes stunning botanical illustrations produced by graduates of the University of Newcastle's Bachelor of Natural History Illustration program. The illustrations depict key diagnostic features and allow complete identification of each species. This publication will be a valuable resource for those interested in the plants of the region, including researchers, environmental consultants, horticulturalists and gardeners, bush walkers, herbaria, and others involved in land management.

This book describes native bees generally and provides a complete guide to keeping Australian native stingless bees. It is richly illustrated with over 500 photos, drawings and charts to increase accessibility and aid learning. It is written by an expert who has spent
his lifetime intimately engaged with these unique creatures. Keeping native stingless bees is a hot topic in Australia for commercial, environmental and recreational reasons. You can do something about the decline of pollinators by conserving native bees. Whether you keep a hive or two in your suburban garden, or want to use multiple hives on a commercial farm, this friendly guide has you covered. Bee biology, behaviour, nesting, social life and foraging; How to build your own native bee hive; How to transfer a bee colony to a hive box and propagate hives; All about sugarbag honey, including how to extract it from hives; Managing your hive; Identifying and dealing with pests; Using stingless bees for pollination - from small gardens to commercial crops; A complete list of Australia's stingless bee species, how to identify them, their characteristics, where they occur, and recommended hives; A readable summary of the latest research on native bees.

Bees are often thought of as yellow and black striped insects that live in hives and produce honey. However, Australia's abundant native bees are incredibly diverse in their appearance and habits. Some are yellow and black but others have blue stripes, are iridescent green or wasp-like. Some are social but most are solitary. Some do build nests with wax but others use silk or plant material, burrow in soil or use holes in wood and even gumnuts! A Guide to Native Bees of Australia provides a detailed introduction to the estimated 2000 species of Australian bees. Illustrated with stunning photographs, it describes the form and function of bees, their life-cycle stages, nest architecture, sociality and relationships with plants. It also contains systematic accounts of the five families and 58 genera of Australian bees. Photomicrographs of morphological characters and identification keys allow identification of bees to genus level. Natural history enthusiasts, professional and amateur entomologists and beekeepers will find this an essential guide.

This comprehensive guide describes the 582 species of wild orchids that occur in NSW and the ACT. This region covers the richest area for wild orchids in Australia and includes over 500 species of seasonal ground orchids and 62 species of evergreen tree and rock orchids. Orchids found in this region include the tallest, heaviest, smallest flowered, most numerous flowered and most bizarre orchids in Australia, including elusive underground species. Guide to Native Orchids of NSW and ACT describes each species, enabling their identification in the field, and includes over 600 photographs of wild orchids in their natural habitat and distribution maps for almost all species. Featuring orchids with a dazzling array of colour and form, this is the essential guide for all orchid enthusiasts.

Australians have a love–hate relationship with spiders. Some spiders, such as the Redback and the Sydney Funnelweb, inspire fear. Yet Peacock Spiders, with their colourful fan-spreading courtship dances, have won rapturous appreciation worldwide. A Field Guide to Spiders of Australia uses photographs of living animals to help people identify many of the spiders they encounter. Featuring over 1300 colour photographs, it is the most comprehensive account of Australian spiders ever published. With more than two-thirds of Australian spiders yet to be scientifically described, this book sets the scene for future explorations of our extraordinary Australian fauna. This field guide will be enjoyed by naturalists and anyone with an interest in learning more about Australia's incredible arachnids.
Conservation and sustainable productivity are vital issues for Australia. In order to manage vegetation well from an agricultural, recreational or conservation point of view, an understanding of individual plant species is important. Plants of Central Queensland provides a guide for identifying and understanding the plants of the region so that pastoralists and others can be better equipped to manage the vegetation resource of our grazing lands. Central Queensland straddles the Tropic of Capricorn, although many of the plants in the book will also be found outside this area, as shown by their distribution maps. The book provides information on the habit, distribution, foliage and fruits of 525 plant species. Informative notes highlighting declared, poisonous, weed and medicinal plants are included, and plants useful for bees and bush tucker are also noted. These are the most important plants you might see if you live in or travel through central Queensland. This book has an easy-to-read, non-botanical format, with helpful photographs and distribution maps that greatly aid anyone interested in the vegetation of central Queensland. It is based on a previous work of the same title but is greatly expanded, incorporating information on an additional 285 plant species.

Winner of the 2018 HMAA Laurel Award for best book First published as The Australian Native Garden There's never been a more crucial time to droughtproof your garden and to consider Australian native plants as a key component in your outdoor space. This award-winning practical volume, from two of the country’s foremost horticultural experts, offers everything you need to know about designing and growing a garden that promotes careful water use and features Australian native plants in the home garden. Including information on the fundamentals of Australian soils, cultivation techniques, drainage, pruning, fertilising and maintenance, as well as creating a fire-resistant garden, establishing habitats attractive to native fauna and growing your own bush foods. The Waterwise Australian Native Garden is a highly illustrated, comprehensive showcase of the best plants to choose and the best gardens from which to draw inspiration. It's a must-have for garden lovers all over this wide, brown land. 'If you're looking to improve or create a native garden, this is the book for you' - Australian Geographic 'This is a book to treasure, and one that will be a companion for a lifetime' - Adelaide Advertiser 'An authoritative reference for home gardeners everywhere' - Country Home Ideas

Growing Australian Native Plants from Seed is the most comprehensive book available on growing native plants from seed. The practical book includes information on how to germinate seeds, growing seedlings in containers and species suitable for direst seeding. Details are provided on growing over one thousand native plant genera and thousands of individual species.

The city of Perth is well known and treasured for its areas of protected bushland in the heart of the city. Kings Park and Bold Park represent a significant part of the natural heritage of the Swan Coastal Plain and are an important part of city life. The city is also a gateway to the incredible biodiversity to be found in south-west Western Australia. Perth Plants provides a comprehensive photographic guide to all plants known to occur in the bushlands of Kings Park and Bold Park, both native plants and naturalised weeds. There are 778 species included, representing approximately one-quarter of all the plants in the greater Perth region, and one-tenth of all species known for the south-west of Western Australia. This new edition contains 22 additional species and updated photography throughout. It is an
This authoritative and practical book--written in an approachable and accessible style--focuses on growing and using native plants in the home garden. It provides expert information on the fundamentals--soils, cultivation techniques, pruning, fertilising and maintenance--and looks at different styles of garden design, using Australian plants not only for aesthetic reasons but for creating droughtproof gardens, fire resistant gardens, and environments attractive to native fauna as well. Growing your own bush foods is also covered. Highly illustrated and information-packed, The Australian Native Garden showcases some of the best designed Australian gardens and explores rural areas around Australia where indigenous species thrive in the wild, representing a fascinating source of inspiration and information.

Detailed descriptions of over 150 useful plants from the temperate eco-region. More than 600 colour photos and drawings for ease of identification, as well as maps of local and Australia-wide distributions. Information on a wide range of uses for native plants as food, fibre and medicines, including notes on preparation. The result of a 15-year fieldwork partnership photographing, describing and using plants from the temperate eco-region of southeastern Australia. A valuable contribution to the knowledge of the native plants of southeastern Australia. This guide will be of interest to people who live there and the many tourists who visit the area, as well as bushwalkers, educators, archaeologists and chefs.

In this gorgeous and compact book, Samantha Martin--the 'Bush Tukka Woman'--shares her knowledge and love of bush tukka as taught to her by her mother and other Aboriginal elders. Her Bush Tukka Guide offers rich and wonderful insights into how Aboriginal people survived for centuries unearthing the bounty of this sometimes lush and often desolate land. The book is divided into three chapters covering plants, animals and some recipes to get you started using bush tukka at home. Learn how to find billygoat plums and mountain bush pepper in the wild; discover the reasons Aboriginal people ate magpie goose and honey ants; and test out the delicious flavours of bush tukka recipes like bunya nut pesto, lemon myrtle slow-cooked kangaroo or caramelised cluster figs with ice-cream.
Mosquitoes are annoying, and can be deadly, but they can also be beautiful. A Guide to Mosquitoes of Australia explores the biodiversity of this fascinating group of insects. It provides a pictorial guide to almost 100 mosquito species and includes notes on their biology, habitats and association with disease. They are found in almost every type of environment, from pristine wetlands to polluted drains and from coastal saltmarshes to snow melt streams. Australia has a diverse range of mosquitoes and although relatively few pose a serious health risk, public health is an important issue. This book provides information on how to reduce the risk of mosquito-borne disease through tips on keeping your home free of mosquitoes and reducing their bites when you are out and about in the Australian environment.

Australian Native Plants provides a comprehensive guide to the horticulture of our native plants. Based on nearly 50 years of experience at Kings Park and Botanic Garden in Perth, the book describes the necessary growing conditions for mainly Western Australian native plants and covers some of the more technical aspects such as plant propagation and grafting, the use and benefits of tissue culture, methods of seed collection and storage, and the role of smoke in improving germination. Western Australia is home to about five per cent of the world’s vascular plants and contains Australia’s only terrestrial ‘biodiversity hotspot’. Written by experts with an in-depth knowledge of how to grow these plants outside their natural habitat, Australian Native Plants provides the more technically minded professional or enthusiast with information based on decades of research, experimentation and application. It aims to encourage the growing of Australian plants so that they can be used more widely and contribute to interesting, attractive and diverse private gardens and public landscapes in a changing environment.

As fascinating as they are beautiful, butterflies are a pleasure to watch and an important group of invertebrates to study. This second edition of the award-winning book The Complete Field Guide to Butterflies of Australia is a fully updated guide to all butterfly species on Australia's mainland and remote islands. Written by one of Australia's leading lepidopterists, the book is stunningly illustrated with colour photographs, many of which are new, of each of the 435 currently recognised species. There is also a distribution map and flight chart for each species on the Australian mainland, together with information on similar species, variation, behaviour, habitat, status and larval food plants. The introduction to the book covers adult structure, higher classification, distribution and habitats, as well as life cycle and behaviour. A new chapter on collecting and preserving butterflies is included. There is also an updated checklist of all species, a glossary, a bibliography and indexes of common and scientific names.

Australian Planting Design identifies and explores all aspects of developing better planting designs on any scale, raising awareness of the essential elements and encouraging readers to look with fresh eyes, to create anew. This new edition guides the reader through all the stages of designing a new garden and helps to visualise the garden through an understanding of space, light, earth form, structures and...
vegetation. It discusses the choosing of plants, their form and shape, balancing plant types, fire and vegetation, design and form. The final section of the book looks at the dynamic garden and the importance of designing for change. Australian Planting Design focuses on how Australian plants may be used in gardens, whatever their size, function or site. It shows the way to use our plants to form a variety of satisfying, interesting and purposeful areas for both people and nature. As the availability of a much wider range of Australian plants grows, so too does our understanding of their qualities and habits. Our changing ecological attitudes and broader understanding of local habitats have brought the Australian landscape into sharper focus and we have gained a new appreciation of its value for design expression. We are beginning to develop an urban landscape that belongs to the land, and garden designs that are more suitable to the environment of tomorrow. At last we have Australian plants for Australian places.

This is the first complete guide to the collection, processing and storage of wild collected seed. While the main focus is on Australian seeds, the procedures and protocols described within the book are of international standard and apply to users throughout the world. The book provides a basic understanding to seed biology, evolution and morphology, and includes chapters on all aspects of harvesting, processing and storage of seeds. This will enable users to collect, process and store seed more efficiently, thus reducing loss of seed viability during the storage process with potentially huge savings in time, effort and expense in the rehabilitation and restoration industries. With a strong emphasis on the species-rich Western Australian region, Australian Seeds features photographs of more than 1200 species showing clearly their size and shape. Comprehensive seed germination data enables users to know how long to allow for germination times and whether some form of pre-germination treatment is required and what this should be. This is of major importance to horticulturists and agriculturists planning crop and weed control programs. It will also be a valuable resource to anyone interested in Australian flora.

Bees are the darlings of the insect world. It is a great joy to see these tenacious insects hard at work, peacefully buzzing from flower to flower on warm and sunny days. Many people recognise the worth of bees, as well as that they face many threats. But very few know about the diversity and importance of our native bee species. There are an estimated 2000 to 3000 bee species in Australia, yet we know very little about the vast majority of these and there are many that are yet to be described. Bees of Australia introduces some of our incredible native bees, many of which, if you look closely, can be found in your own garden. Open this book wherever you like or read it from cover to cover. The combination of photography and contributions from many of Australia's leading bee researchers allows anyone to become enthralled by our native bees.