

## **GYMNOSPERMS (conifers and cycads)**

**Butt LP (1991) An introduction to the Zamiaceae in Australia.** Palm and Cycad Societies of Australia, Brisbane, Qld. 55 pp. ISBN 0958793158. Rather outdated. Illustrated, some in colour.

**Ecroyd CE (2009) A key to cultivated pines.** New Zealand Forest Research Institute Limited.

**ELECTRONIC RESOURCE: ON-LINE, INTERACTIVE:**

<http://keys.lucidcentral.org/keys/v3/pines/Key%20to%20cultivated%20pines.html>

<http://www.lucidcentral.com/en-au/keys173;/searchforakey.aspx> (a Java update may be required).

Also available at <https://www.scionresearch.com/keys/Pinus/key/Key-to-cultivated-pines/Media/Html/about.htm>

An interactive, web-based identification key, running on the user-friendly Lucid system, covering 90 species of cultivated pines (based in part on naturalised and cultivated taxa present in New Zealand). 43 characters are available (foliage, cones, branchlets, buds, seeds, bark and habit). Over 300 photographs. "This is a draft key with many of the features not fully tested. If you find any errors or omissions, or can suggest any improvements please communicate these to:

[chris.ecroyd@scionresearch.com](mailto:chris.ecroyd@scionresearch.com)"

**Northern Territory Herbarium (2013) Cycads in the Northern Territory.** Northern Territory Herbarium, NT Department of Land Resource Management. A free PDF formerly at

<http://www.lrm.nt.gov.au/plants-and-animals/herbarium/identifying-plants> is no longer available, the information now presumably being presented through NTFlora <http://eflora.nt.gov.au/>

An eight-page fact sheet with good background on the group, and a key to NT species of *Cycas*.

**Orchard AE (ed.) (1998) Flora of Australia. Volume 48. Ferns, gymnosperms and allied groups.** CSIRO, Canberra. 766 pp. ISBN 0643059717.

Authoritative and comprehensive account of the Australian ferns, fully keyed, with many line illustrations and good colour photos of representatives of the genera. RECOMMENDED.

**ELECTRONIC VERSION:** The ID key content of this printed *Flora of Australia* volume is available in searchable database form

<http://www.anbg.gov.au/abrs/online-resources/flora/main-query-styles.html>

**Hill K & Osborne, R (2001) Cycads of Australia.** Kangaroo Press, Sydney, NSW. 116 pp. ISBN 073180886X.

An excellent and authoritative guide to the 69 species that occur in Australia, with descriptions, notes, and excellent colour photos; no keys. Introductory chapters on morphology and biology, toxicity, conservation and cultivation. RECOMMENDED

**Hill K, Stanberg L, & Stevens D (1998-2012) The Cycad pages.** PlantNET, National Herbarium of New South Wales, Royal Botanic Gardens & Domain Trust [Sydney]. **ELECTRIC**

**RESOURCE: web-accessible database:** <http://plantnet.rbg Syd.nsw.gov.au/PlantNet/cycad/>

Web access to a botanical database developed from *The World List of Cycads*, with a page for every known cycad and static keys to all. The Cycad Pages are not currently maintained, but remain

useful.

**Jones DL (2002) Cycads of the world : ancient plants in today's landscape. 2<sup>nd</sup> edn.** Reed New Holland, Frenchs Forest, NSW. 456pp. ISBN. 187633469X.

A definitive world guide, covering evolution, biology, conservation, and cultivation. Identification section includes a key to the world's genera, then genus and species descriptions with very high quality colour photos. RECOMMENDED

**LICHENS, LIVERWORTS (HEPATIC) - see under CRYPTOGAMS (above)**