

BOOK NOTICE

NAN LI, DENNIS WM. STEVENSON, AND M. PATRICK GRIFFITH, EDS. 2019. **Cycad Biology and Conservation: The 9th International Conference on Cycad Biology**. (ISSN: 0077-8931; ISBN-13: 978-0-89327-538-9, hbk). Memoirs of the New York Botanical Garden, Volume 117. The New York Botanical Garden Press, 2900 Southern Boulevard, Bronx, New York 10458-5126, U.S.A. (**Orders:** www.nybgpress.org). Price not given, 608 pp., line drawings, graphs, b&w photos, 7" × 10".

From the Publisher: Ancient in origin and once widespread on Earth, today cycads comprise few living survivors in limited distributions in the tropics and subtropics. A study of these extant members and the cycad fossil record dating back to over 250 million years ago has revealed that cycads have remained relatively unchanged throughout their long history. Indeed, cycads are the sister group to all other extant seed groups, and an understanding of their evolution can shed light on the evolution of all modern plants. This volume, consisting of 34 papers, reports the work of 100 delegates from 15 different countries—including 50 cycad experts from China—who convened in Shenzhen, China, for the 9th International Conference on Cycad Biology (Cycad 2011). The Conference covered eight main study areas: Genetics and Genomics, Conservation, Taxonomy and Phylogeny, Ecology, Horticulture, Toxicology, Economic Botany, and Information Management. Central to the Conference was the International Union for Conservation of Nature (IUCN)/Special Survival Commission (SSC)—Cycad Specialist Group, which met to update information on cycads on the Red List for 2011.

Contents include 35 chapters under the following sections:

1. Anatomy
2. Conservation
3. Ecology
4. Genetics
5. Horticulture
6. Pollination Biology
7. Systematics

The systematics section has four Chapters. Chapter 32: Studies of the Conservation Process and Taxonomy of *Cycas baiseensis* and *Cycas debaoensis*. Chapter 33: Scouting the Philippine Islands for *Cycas*. Chapter 34: Novel species of *Cycas* (Cycadaceae) from Mindanao Island, Philippines. Two new taxa are described: ***Cycas mindanaensis*** Agoo, Madulid & J.R. Callado, sp. nov. (p. 531); ***Cycas flabellata*** Agoo, Madulid & J.R. Callado, sp. nov. (p. 533). Chapter 35: The World List of Cycads. The checklist includes 10 genera and 352 species.

—Barney Lipscomb, Botanical Research Institute of Texas, Fort Worth, Texas, U.S.A.