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BOOK REVIEWS

Diseases and Disorders of Ornamental Palms. Edited by A. R. Charles and T. K. Broschat. APS Press, 3340 Pilot Knob Rd., St. Paul, MN 55121-2097. ISBN 0-89054-119-1. 1991. 64 pp. US orders \$27, non-US orders \$34 (paper).

This book contains details of 30 diseases and 27 physiological disorders of ornamental palms. It is a very high quality production, both the text and the 208 color photographs. Under each of the diseases and disorders there are details of symptomology, causal organisms, occurrence, species affected, diagnostic techniques, and prevention and treatment. I only noticed one little mistake, on p. 37 the palm captioned as *Syagrus romanzoffiana* is actually *Cocos nucifera*. This book will be very useful for any grower of palms in this country. —ANDREW HENDERSON, New York Botanical Garden.

Kedondon, Ambarella, Amra. The Spondiadeae (Anacardiaceae) in Asia and the Pacific Area (with some notes on introduced American species). By A. J. G. H. Kostermans. Yayasan Tumbuh-tumbuhan yang berguna Jilid I [Foundation Useful Plants of Asia Vol. I]. Herbarium Bogoriense, Jalan Juanda 22, Bogor, Indonesia. ISSN not given. 1991. 100 pp. \$6 (paper).

Kosterman's revision of *Spondias* L. and allied genera in Asia advocates a much narrower definition of *Spondias* than the earlier treatments by Airy Shaw and Forman [*Kew Bull.* 21(1): 1–19. 1967] and Ding Hou [*Flora Malesiana*, ser. 1, 8(3): 395–577. 1978]. His restrictive definition of *Spondias* makes the tribe Spondiadeae more amenable to cladistic analysis. The morphology of the endocarp is one of the more important characters used by Kostermans in segregating species from *Spondias* into the genera *Allospodias* (Pierre) Stapf, *Evia* Comm. ex Blume, *Haplospodias* Kosterm., and *Solenocarpus* Wight & Arn. *Haplospodias* is a new genus described by Kostermans in order to accommodate the simple-leaved *Spondias haplophylla* Airy Shaw & Forman. Two of Kosterman's taxonomic decisions that may be particularly controversial are his placement of *Spondias dulcis* Parkinson in the genus *Evia*, and his splitting of *Spondias pinnata* (L.f.) Kurz into several species. The Asian genera *Dracontomelon* Blume, *Koordersiodendron* Engl., *Pegia* Colebr., and *Pleiogynium* Engl., traditionally included in the Spondiadeae, are not covered by this revision. Students of the Anacardiaceae will need to consult this important paper. —JOHN MITCHELL, New York Botanical Garden.