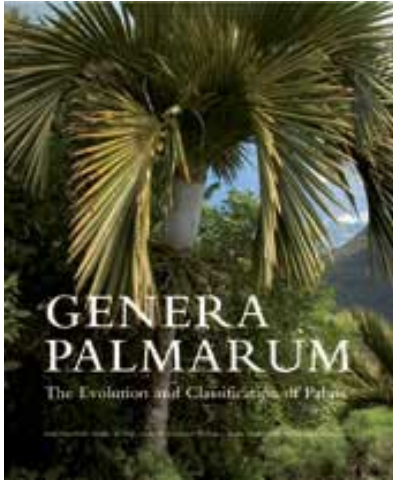


ADVANCE INFORMATION SHEET



Title:	Genera Palmarum. The Evolution and Classification of Palms
Authors:	John Dransfield, Natalie W. Uhl, Conny B. Asmussen, William J. Baker, Madeline Harley and Carl Lewis
Imprint:	Kew Publishing
Specification:	286 x 197 mm
Page extent:	744
Illustrations:	line drawings, colour photographs, maps
Format :	Hardback
Publication date:	August 2008
Price:	£79.00
ISBN:	978 1 84246 182 2
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Market / Audience

Botanists, plant scientists, field workers, conservationists, horticulturists and undergraduate/graduate/postgraduate students of botany and plant science. Palm enthusiasts worldwide.

Key Selling Points

- Standard scientific reference book for palm genera
- Completely new edition, all text revised, rewritten and redesigned, incorporating all relevant new research data
- New classification based on latest phylogenetic research
- Includes twelve genera included that were not in the first edition
- Profusely illustrated throughout with colour photographs, many of them not previously published
- Detailed introductory essays on morphology, cytology, pollen, chemistry, fossil record, phylogeny and evolution, biogeography and ecology
- Each genus provided with etymology, a simple diagnosis, distribution map and scanning electron micrographs of pollen
- Unparalleled analytical wash drawings for every genus
- Distribution maps for all genera
- Illustrated glossary to palm terms
- Easily navigated text

Description

Genera Palmarum - The Evolution and Classification of the Palms is the standard reference work for information on the biology of the palm family, especially evolution, systematics, structure, fossil record and classification.

Genera Palmarum – The Evolution and Classification of Palms is a completely rewritten edition of the acclaimed standard reference work for the palm family, a group of plants of immense economic and horticultural significance. In the new edition, genus treatments include complete descriptions, nomenclature, etymology and discussions of diversity, distribution, phylogeny, morphology, uses and ecology. All genera of palms are illustrated with analytical plates, maps and numerous photographs, mostly taken in the wild.

The introduction consists of essays on the structure of palms, their pollen, cytology, chemistry, fossil record, evolution, phylogeny, natural history and biogeography, providing essential

background information to the classification presented within the book. The classification itself is substantially revised and based on the latest phylogenetic evidence. Since the first edition, published in 1987, several new genera have been discovered and the wealth of new research into the phylogeny of palms has revealed relationships not appreciated in the past, resulting in substantial reorganization of subfamilies, tribes, subtribes and genera. An illustrated glossary and geographical listings complete this essential reference book to the palm family.

Winner of the 2009 Technical category CBHL (The Council on Botanical and Horticultural Libraries) Annual Award for a Significant Work in Botanical or Horticultural Literature.

Author information

John Dransfield was head of palm research at the Royal Botanic Gardens, Kew from 1975 until his retirement in 2005. He is a leading specialist in the systematics of palms and co-author of several books, including the first edition of *Genera Palmarum*, *The Palms of Madagascar* and *World Checklist of Palms*, and currently co-edits *PALMS*, the Journal of the International Palm Society.

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John Harris

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Fax: +44 (0)20 8332 5646

Email: j.harris@kew.org

Lydia White

Tel: +44 (0)20 8332 5751

Fax: +44 (0)20 8332 5646

Email: l.white@kew.org

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