

# *Calyptrogyne plumeriana*, a New Name for a Familiar Palm

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New studies of the phylogeny of geonomoid palms indicate that the genus *Calyptronoma* cannot be maintained. With its inclusion in *Calyptrogyne*, a new combination needs to be published.

The currently accepted *Calyptronoma plumeriana* (Mart.) Lourteig was first described as *Geonoma? plumeriana* by Martius in 1843. Subsequently Lourteig transferred the species to the genus *Calyptronoma* in 1989. A molecular phylogeny of tribe Geonomeae using regions of the nuclear genes phosphoribulokinase and RNA polymerase II has revealed that *Calyptrogyne* is nested within *Calyptronoma* and that the two genera should be treated as one (Roncal et al. 2002). The characteristic "calyptra" (petals fused at the tip to form a cap that falls at anthesis) found in both previously recognized genera supports this change. As the genus *Calyptrogyne* has nomenclatural priority, all taxa formerly included in *Calyptronoma* must now be called *Calyptrogyne*. The loss of *Calyptronoma* necessitates the transfer of *Calyptronoma*

*plumeriana* to *Calyptrogyne*. Here the new combination is made.

***Calyptrogyne plumeriana* (Mart.) Roncal, comb. nov.**

*Geonoma ? plumeriana* Mart., Palm. Orbig. 34. 1843. Type: Plumier's Catal. Gen. Tab. 1 habit excl. details and MSS 7, icons 7, 8, 9, 10.

The two other species of *Calyptronoma* already possess combinations in *Calyptrogyne*: *Calyptrogyne rivalis* (O.F. Cook) León and *Calyptrogyne occidentalis* (Sw.) Gomez Maza.

#### Acknowledgments

We thank Conny Asmussen and Javier Francisco-Ortega for their insight in this nomenclatural change. Sincere thanks go to

the Molecular Plant Systematics laboratory of Florida International University (FIU) and Fairchild Tropical Botanic Garden (FTBG), where JR is a graduate research assistant. This communication is based upon a dissertation in fulfillment of the requirements for the degree of Doctor of Philosophy in Biology at FIU under the supervision of David Lee. Funding for this dissertation comes from FIU, FTBG, Stanley Smith Horticultural Trust, International Palm Society, South Florida Palm Society, Marina Riley Scholarship and the Botanical Society of America.

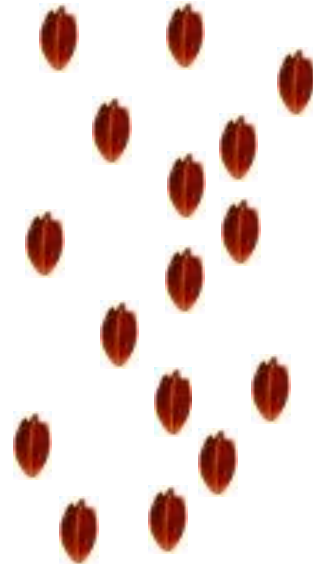
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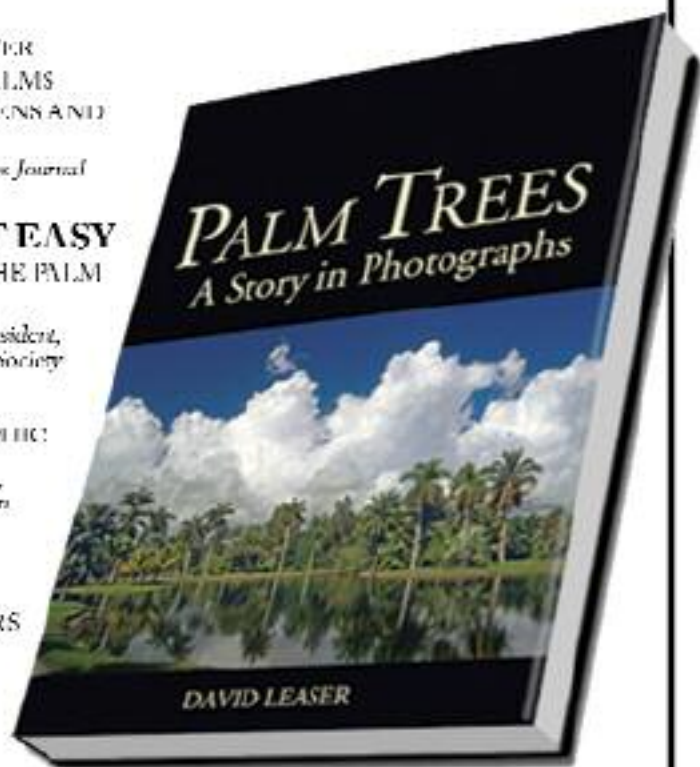
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