



Palm Beach Palm & Cycad Society

Affiliate of the International Palm Society

Monthly Update

August 2014

UPCOMING MEETINGS

August 6, 2014
7:30 p.m.
at Mounts Botanical Garden

Speaker: Jeff Searle
Subject: Palms of Madagascar, Part II

August Featured Auction Plants:

Ptychosperma cuneatum
Cryosophila albida

INSIDE THIS ISSUE

Page

- | | |
|-------|---|
| 1 | Upcoming Meetings |
| 1 | Palm Society Board Contact Numbers |
| 1 | David McLean Dies |
| 2 | FEATURED THIS MONTH: <i>Copernicia</i> hybrids
as seen in Cuba |
| 3 - 7 | Copernicia Photos |

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Brenda Beck, Web Master and Historian

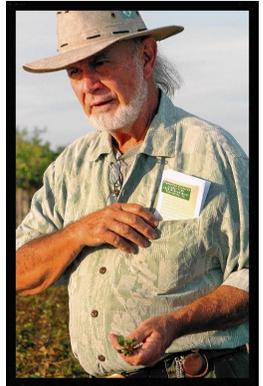
David McLean Dies by Brenda Beck

Long-time friend of the Palm Society, David McLean passed away on June 4, 2014, after a brief bout with cancer. He was 79.

David was an educator, gardener, and operated Trinity Churchside Garden Nursery in Fort Lauderdale. His love of plants was his passion. He taught plant identification and landscape design at Broward Community College for 40 years. He served as curator for the medicinal garden at Nova Southeastern University and assisted with the development of the University's landscape technology program. He also lectured throughout the state.

David was no stranger to the Palm Beach Palm & Cycad Society and was our guest speaker on several occasions. Presentations he shared with us included: Best Use of Palms & Cycads in the Landscape (August 1996), Cycads in the Landscape (April 1998), Coconut Palms (March 1999), Color, Texture & Light Patterns of Plantings (June 2002), Palm Planting and Problems (April 2003), Palm and Cycad Culture (June 2004), Palm Tips (May 2008), Cold Care of Living Palms (February 2009), and RX for Cold Damaged Palms (March 2010). His wonderful sense of humor always made his presentations enjoyable.

(Photograph was provided by the McLean Family.)



All photographs in this issue were provided by Charlie Beck unless otherwise specified.

VISIT US AT www.palmbeachpalmcycadsociety.com

FEATURED THIS MONTH: *Copernicia* hybrids as seen in Cuba

by Charlie Beck

While in Cuba, our group saw several natural *Copernicia* hybrids. Some were named long ago and some were currently unnamed crosses. There is also a question if *Copernicia curbeloi* is a valid species or a hybrid. I'll share some photos of the hybrids along with photos of their parent plants. As I mentioned in last month's newsletter, Raul Verdecia is the current expert on Cuban palms and all of these hybrids were identified by Raul.

One of the currently unnamed hybrids is a cross between *C. yarey* and *C. rigida*. This hybrid looks like a *C. rigida* with longer petioles. We didn't see many of these but you could pick them out from populations of *C. rigida* once you knew the difference. See photo on page 3 upper left. The hybrid is front and center and its parent *C. rigida* is shown in the background.

Copernicia x shaferi is a cross between *C. hospita* and *C. cowellii* (see photos on pg 4). It was silver just like its parents and was sized smaller than *C. hospita*. Holton Nursery obtained a supply of these rare hybrids and Tom Whisler was fortunate to buy one before they sold out. Like all of Tom's palms, his *C. x shaferi* looks very healthy and happy in his garden. No sign of growing difficulties like that of its parent *C. cowellii* which is difficult to grow in Palm Beach County. If this hybrid becomes available in the future, buy it. It's a real beauty.

Copernicia x sueroana is a cross between *C. hospita* and *C. rigida* (see photos on pg 5). The many examples we saw of this hybrid were uniformly upright with a small footprint. We planted a palm labeled as *C. x sueroana* many years ago in our garden. It has grown vigorously over the years and has a different appearance than the ones we saw in Cuba. I would readily assume that our specimen was mislabeled except our *C. x sueroana* does look like the ones pictured in the 1963 Revision of the Genus *Copernicia*.

An unnamed hybrid between *C. baileyana* and *C. rigida* is shown on pg 5. The hybrid is shown on the left while *C. rigida* is shown to the right. The hybrid has wider leaves and longer petioles than *C. rigida*. It is a handsome palm. It tempts me to cross pollinate these species once our garden plants commence flowering.

Raul Verdecia's summary of the next palm was a complete surprise to me. Raul stated that *C. curbeloi* is a



hybrid between *C. yarey* and *C. baileyana* (see photos on pg 6). He said that there are no isolated populations of *C. curbeloi* but they are always found growing among *C. yarey* and *C. baileyana*. We have several *C. curbeloi* growing in our garden and they are all uniform in color, scale and growth habit. If seeds were collected from a hybrid then I would expect to see offspring reverting back to either parent. All of the *C. curbeloi* that I saw in Cuba and in our garden were uniformly silver in color. *C. yarey* is a smaller, green palm. *C. baileyana* can be either silver or green but is a much larger palm. Keep in mind that DNA testing on these palms has not been completed and theories still need confirmation.

Note that *C. curbeloi* was described in the 1963 monograph, Revision of the Genus *Copernicia*. This officially is still a valid species. In the 1995 publication, Field Guide to the Palms of the Americas, *C. curbeloi* was lumped with *C. hospita*. This Field Guide was never recognized as a scientifically valid revision.

All of the *Copernicia* species and hybrids mentioned above except *C. cowellii* should be good growers in Palm Beach County. Proper naming of plants purchased in South Florida cannot be guaranteed unless seeds are collected from isolated wild populations or if seed is produced from hand pollinated verified plants. This uncertainty should not stop us from planting these magnificent palms. If the species is true, you will be rewarded with what you expect. If the palm turns out to be a hybrid, it will likely be more vigorous and be equally beautiful.

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LAKE OSBORNE ANIMAL CLINIC

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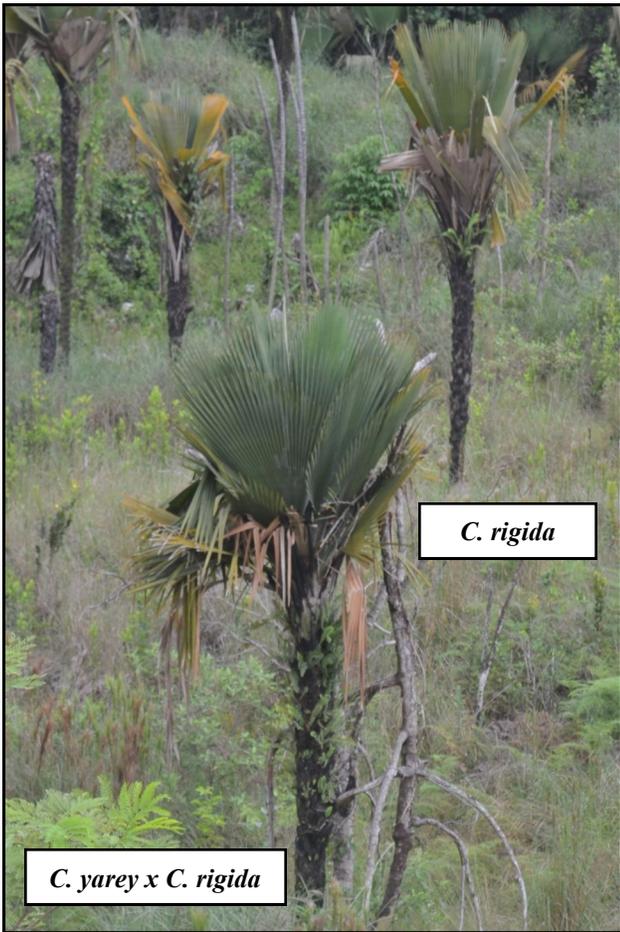
Village Marina

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C. rigida

C. yarey x C. rigida



Tom Whisler
with *C. yarey*



Copernicia rigida



Copernicia x shaferi (left)
(*C. hospita* x *C. cowellii*)



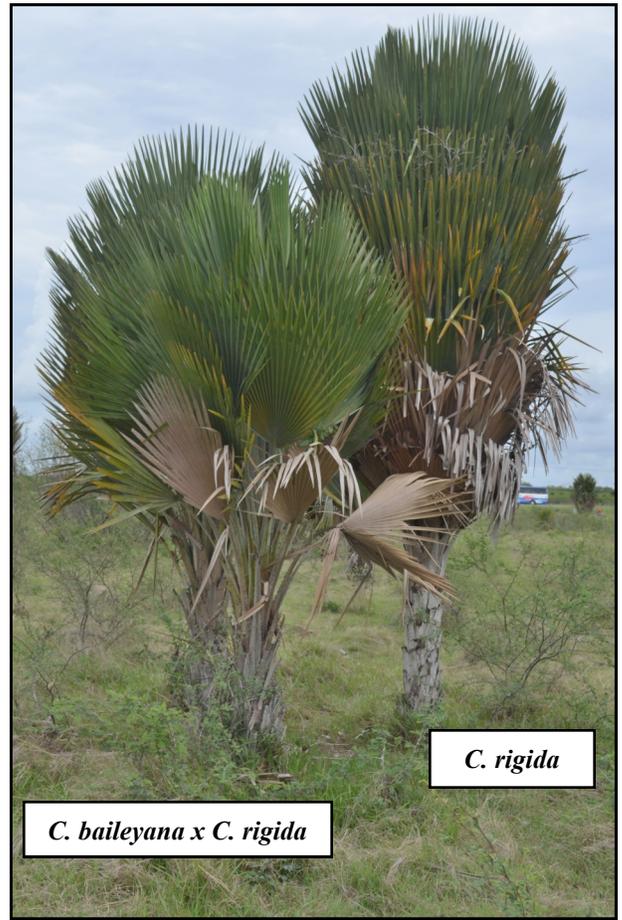
Tom Whisler with
C. cowellii



Copernicia hospita



Copernicia x sueroana
(*C. hospita* x *C. rigida*)



C. rigida

C. baileyana x *C. rigida*



Copernicia hospita



Copernicia curbeloii
(? *C.baileyana* x *C. yarey* ?)



Elvis Cruz
with *C. baileyana*



Copernicia yarey