



THE INTERNATIONAL PALM SOCIETY

AUGUST 2017

NEWSLETTER

This month, we read about the new polymer-based pound notes in United Kingdom. We are proud to present an article about palm pruning and how it relates to wildlife. We thank Katie Jepson from Bat Conservation International and Teresa from MerlinTuttle.org for their help. We also have a recommendation about a book on palms of Brazil. An invitation for The Palm Society Southern California in September and news about the Symposium of Palms held at the 19th International Botanical Congress.

Remember we are open to your comments and stories!

Forests or Cows?

The Central Bank of England, has announced that will continue issuing polymer-based bills. These polymer-based notes, introduced into circulation in 2016, contain trace amounts of chemicals derived from animal products, according to the bank's official press release.

Although these notes are more durable, animal activists are not in favor of them, and in a survey made by the bank, 88% out of 3,554 people expressed concern over use of animal-derived additives. The alternative substitute for those trace compounds are chemicals derived from palm oil. Although palm oil obtained just 48% disapproval in the survey, its use brings up issues of sustainability. At this time, the bank's suppliers have been unable to commit to a sustainable source of palm oil.

[Bank of England decision on the future composition of polymer banknotes](#). Bank of England News Release.

Watch the about the new Five pound bill [Video](#)



Above: Five pound note, Photo from article [Bank Of England Unveils New Plastic Winston Churchill 5 Pound Note](#).

(continue next page...)

Forests or Cows? (continued)

Palm oil is the cheapest vegetable oil, making it a preferred cooking oil and a source of biodiesel. Demand for palm oil is projected to rise (driven by demand, the production doubled between 2003 and 2013). However, since it is a monoculture under its current production systems (photos right and below), its production has an ecological and biodiversity implications in the tropics.



Above: Recently planted oil palm plantation on rainforest peatland. Central Kalimantan, Borneo, Indonesia. [Photo](#) by [glennhurowitz](#) (CC BY-ND 2.0)

Left: Oil Palm Plantation. Near Tiberias, Galilee, Israel. [Photo](#) by [Adam Jones](#). (CC BY-SA 2.0)



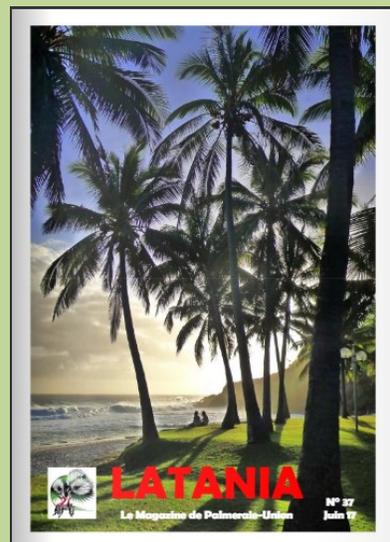
[The Impacts of Oil Palm on Recent Deforestation and Biodiversity Loss](#), Vijay et al. (2016)

Latania Magazine: Coming from Indian Ocean

Situated in the Indian Ocean, east of Madagascar, La Reunión Island has all environmental conditions to grow tropical palms. And it is there that IPS-affiliate Palmeraie-Union Society issues Latania Magazine which includes information about trips, palm facts and other details.

You can access the June 2017 issue by following this link [Latania N° 37](#)

Their website is: [Palmeraie-Union Webpage](#)



INVITATION



The Palm Society of Southern California

3236 Brookside Lane
Encinitas, CA 92024, USA, markriedler@gmail.com

PSSC (USA) meeting

Fullerton

September 16, 2017

The PSSC's Saturday, September 16, 2017 will be at two gardens in Orange County, California, USA: Bill Dickenson and Bob Burtscher, both in Fullerton, in the northern part of the county. Mr. Dickenson has shown his garden a number of times before; Mr. Burtscher's garden is hosting a meeting for the first time.

First Garden

Bill Dickenson started his garden so long ago, it's a bit scary; back in the 1970s, when he first bought his house overlooking a nearby golf course. A long-time and continuing Board member, Mr. Dickenson has some marvelously mature specimens for your viewing pleasure, the crown jewel of which is his very own hybrid between a Queen Palm, *Syagrus romanzoffianum* and *Lytocaryum wedellianum*, plus a number of F2 babies of same. Additional highlights include a mature *Roystonea regia* and the largest *Ravenala madagascarensis* I've seen in California.

The address is 2313 Lark Ellen Drive, Fullerton, CA 92835.

Second Garden

Bob and Judy Burtscher's home and garden sit on a half-acre hillside in Fullerton. The Burtschers aren't the types to get little plants in liners and gallons and wait; they step up and get the big stuff. Some of the Burtscher's big stuff is really big and really spectacular, including: (a) a mature *Kentiopsis pyriformis*, which is blooming and might be seeding, with about 10 feet (3.3 M) of trunk; (b) a mature, seeding, *Dypsis saintluciei*, which is at least as tall; (c) a mature seeding *Dypsis leptocheilos*, with about 16 feet (5.3 M) of trunk; and (d) a mature, seeding *Chambeyronia macrocarpa*, with about 8 feet (2.6 M) of trunk. Other highlights include a number of mature *Coccoloba*, a koi pond, and the largest *Hyphorbe verschaffeltii* I've seen so far in California. If you've wondered what some of your rare babies will look like at maturity, come and see! Bring your cameras, your appetite for the potluck, your sense of wonder and a few bucks for the auction.

The address is 518 Miguel Place, Fullerton, CA 92835.

INVITATION

9:00 A.M. Board of Directors meeting at Moreno Garden

10:30-11:30 A.M. Tours of Dickenson Garden — Leave Dickenson Garden go to Burtscher Garden

12:30 P.M. Potluck lunch

1:30 P.M. General Meeting

2:30 PM Auction

4:00 P.M. Adjourn

DIRECTIONS

To the First Garden

From South take I5 N to 57N

From North take I5 S to 91 E then 57N

from 57 N Exit 8 at Yorba Linda Blvd go left, .4 mi, go right on N State College Blvd, go 1.2 mi, go right on Rosalia Dr., turns in to Lark Ellen, go .3 mi, garden is on the right at 2313 Lark Ellen.

To the Second Garden

retrace to N State College Blvd, go left 500 feet, go right on Brea Blvd, go 1.0 mi, turn right on Bastanchury Rd, go 1.3 mi, turn right on Laguna Rd, go .4 mi, turn right on Domingo Rd, first left on Miguel- 518 Miguel Rd. you'll see the palms on the left.

Potluck

This will be a potluck meeting. Chicken will be provided, but all attendees are welcome to bring their own food. If you like it, we will too! Salad, dessert, canapes, stew, all are welcome and will be devoured by the hungry attending horde.

Auction

There will be an auction at this meeting. The auctions are a vital source of funding for the Society, and anyone may donate plants. You have the option of either donating 100% of the proceeds, or 50% for plants sold at the auction. Minimum auction price is \$20; plants that don't sell for that much will be retired from the bidding. The best plants are rare palms in 1 to 5 gallon pots.

Thanks to all of you for your support! If you have any questions email me at

dbleistein@rosenlaw.com Dave

Check us out at our awesome new website:

www.palmssc.org

Palm Trimming: Affecting Wildlife

In our June issue, we addressed palm trimming and how this, when performed in an improper way, affects the palm itself. This time we have bumped into a post on Facebook ([see here](#)) and, thanks to Katy-Marie Mirowsky from the Bat Conservation International, we got to read an article about how trimming affects wildlife.



Article: [Cosmetic Trimming of Palm Fronds Threatens some of the Unusual Habitat of the Southern Yellow Palm Bat.](#)

Above: A Southern yellow bat (*Lasiurus ega*) emerging from roost in dead palm leaf in Mexico. [Photo](#) by [MerlinTuttle.org](#) ©
Below: A pallid bat (*Antrozous pallidus*) catching a giant desert centipede (*Scolopendra heros*) in Arizona. [Photo](#) by [MerlinTuttle.org](#) ©

Dead fronds still attached to palms constitute a place for bats to roost. For some landowners, their presence isn't a nuisance, *au contraire*, they are happy with it. "One woman had stopped trimming her palms the day bat pups were found still clinging to the trimmed fronds. Not only did she feel sorry for the baby bats, but she had heard that bats eat insects, and she wanted to encourage their presence as pest control allies."



Bats are not just good insect eaters (below picture), some bat species also play an important role in seed dispersal and/or as pollinators. Not only bees pollinate.

[FAO Pollinators Note](#)

From the article: "Even my own university trimmed the fronds at much expense and in spite of continued objection by many prominent faculty members The only practical reason given for trimming, other than looks, is that administrators everywhere are fearful of a potential lawsuit should a palm frond fall on someone's head."

Palm Trimming: Affecting Wildlife (continued)

In Texas, many other species of animal use palm fronds as year round habitat. Palms are used by bats species, such as the northern and southern yellow bats (*Lasiurus intermedius* and *L. ega*). The latter is listed by the Texas Parks and Wildlife Department as threatened



in the state ([see link](#)). Other species that use palms include, Great Kiskadees, the Hooded and Altamira Orioles, squirrels, lizards, and even other bats such as evening bats (*Nycticeius humeralis*.)

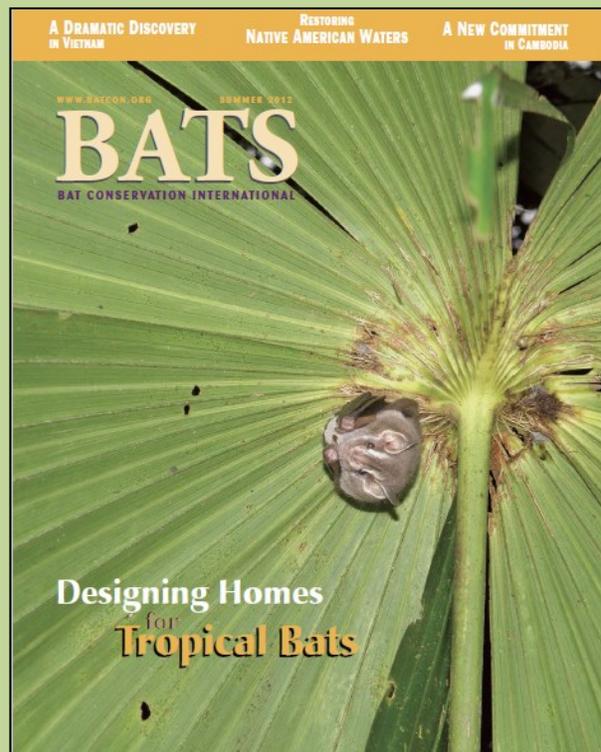
Above: In Cambodia farmers attract bats to artificial roosts, collect their droppings, and sell the guano for fertilizer. [Photo](#) by [MerlinTuttle.org](#) ©

In Cambodia, farmers attract bats to artificial roots, which are dead leaves attached to the stem to collect bats droppings, which are sold as guano fertilizer.

[Artificial Bat Roost Pictures](#)— More stunning pictures and stories of bat conservation around the world [Merlin Tuttle's Bat Conservation](#).

View artificial skirting process: [Video](#)

Read (right image): [Building a New Generation of Conservationists, Cambodia's recent history left unique challenges](#). At Bats Journal 2012 by Bat Conservation International.



Symposium on the Palm family at the 19th International Botanical Congress



The 19th International Botanical Congress was held in Shenzhen, China on July 23th –29th, 2017, with about 7,000 attendees. Among the many symposia, there was a symposium on the palm family on July 27 entitled “Systematics and Evolution of Palms - a Model Group for the Tropics.” William Baker from Royal Botanical Gardens, Kew, chaired this symposium. About 60 people took part in it. Six presentations were given by Craig Barrett from the USA, Ángela Cano from Switzerland, Oriane Loiseau from Switzerland, Sidonie Bellot from the UK, Julissa Roncal from Canada, Thomas Couvreur from France. The reports were on palm systematics, phylogeny, and evolution.



Symposium on the Palm family at the 19th International Botanical Congress (continued)

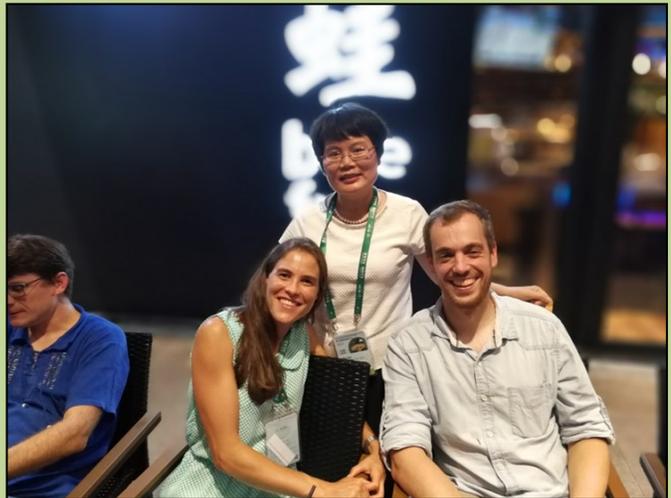


After the symposium, William Baker and the other palm researchers gathered together to get to know one another and share more of their research.

By Guo Lixiu

Curator of Palm Garden
Chinese Academy of Sciences

Photos by Guo Lixiu



Top: William Baker chaired the symposium.

Above and to the left: Meeting with colleagues and gathering after symposium.

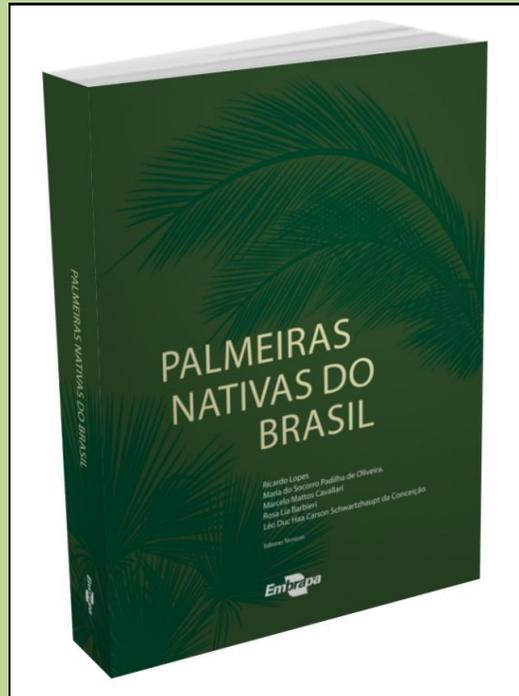
DOES YOUR LOCAL CHAPTER/PALM SOCIETY HAVE AN EVENT? Let us know by posting it here! Or share your experiences afterwards! Contact us and send us pictures!

Native Palms to Brazil (Book)

The book “Palmeiras Nativas do Brasil” (2015) “reveals potentials of these species” and is a good consultation source for researchers, students, and academics. However, according to the official press note by EMBRAPA (Brazilian Company for Agricultural Research), it is also suitable for other audiences, such as producers, landscapers, or palm-lovers.

The book contains information about botany, cultivation, and processing of native species in Brazil with some economical importance. With a discount you can get it for R\$ 49 (about USD 15.5) from the [EMBRAPA Library](#). (available in Portuguese)

Read more at EMBRAPA [website](#) (PT)



Let's keep this alive

Remember to support our organization by participating with us! You can contribute by participating in our Palm Talk forum, our Facebook group, or by writing an article for either the Palms journal or a note for IPS newsletter. You can also make an extra donation to the International Palm Society.

Let's keep this alive!

Visit the discussion board to ask questions about palms: www.palmtalk.org

Visit the new INTERACTIVE FaceBook Group: International Palm Society

Follow us on Twitter: @IPS_PalmSociety; on Instagram: @thepalmsociety; or

Email address for contact: info@palms.org



THE INTERNATIONAL PALM SOCIETY

IPS 2018 Biennial
SAVE THE DATE!

May 26 – June 3*

IPS 2018 Bienal
¡ANOTE LA FECHA!

26 de mayo hasta 3 junio*

IPS 2018 Biennial
GARDEZ LA DATE!

26 Mai jusqu'à 3 Juin*

IPS 2018 Bienal
RESERVA A DATA!

26 de Maio a 3 de Junho*

*Dates may adjust 1 day earlier or later



Sabinaria magnifica



Colombia

Ladrilleros Armenia Buenaventura Cali

Art by Benjamin Cardenas Valderrama



Palm Fireworks. [Photo by Manuel Jara](#) (CC BY-SA 2.0)