

# *Pup Talk*

*August 2022*

## ***THE SADDLEBACK VALLEY BROMELIAD SOCIETY***

Volume 29, Number 8

**Next Meeting: Thursday, August 4, 2022, 7:00 PM**

**At the Norman Murray Community & Senior Center**

**24932 Veterans Way, Mission Viejo, CA**

### **FEATURED THIS MONTH:**

Jeff says, "I will be doing the program on the BSI conference in Sarasota, Fl. this past June. I will be covering the show, tours, and other activities of the conference.

If you weren't there, see what you missed!

If you were there, enjoy the great time again!"



Above the Selby Gardens crowded greenhouse tour and at left, plants for sale. Photos by Cristy.

**DIRECTIONS:** Meetings are the first Thursday of each month at 7:00 PM in the Norman Murray Community and Senior Center, 24932 Veterans Way in Mission Viejo. Visitors Welcome!

Where is that? Off the I-5 take the La Paz exit. Go east on La Paz past Marguerite Parkway to Veterans' Way. Turn left. The parking lot is at the road's end. We are in the Juniper Room!

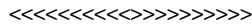
**This Meeting Includes:**

**Bromeliads and More Wonderful Bromeliads:**

- \* **Show & Tell** – A meeting highlight. Bring in your bloomers, show stoppers, interesting plants, questions, even disasters. Help all of us learn and enjoy while you get a free raffle ticket.
- \* **Raffle Table** – A chance to add to your collection; buy lots of tickets!
- \* **Auction** – We often have special plants for you to bid on, usually in a silent auction.

**Refreshments** – Our evening break.

**Library & Information** – Want to learn even more? Check out a book and read up! Or ask our bromeliad experts that question that has been bugging you! We love to talk Bromeliads!



**Getting Out and About:**

8/4 – Our August meeting – exciting review of June’s BSI Conference by Jeff.

8/6 – SBBS Brom Sale (see flyer at right.)

9/1 – Our September Meeting

Sales crew at Sherman:

**BROMELIAD SHOW & SALE**

PRESENTED BY



THE SOUTH BAY BROMELIAD ASSOCIATION

FREE ADMISSION  
FREE PARKING

Sales from members private collections and commercial vendors

**SATURDAY  
AUG 6, 2022**

AT  
**Palos Verdes  
Art Center**  
5504 Crenshaw Road  
Rancho Palos Verdes,  
CA 90275



SHOW and SALES 10:00 AM-4:00pm  
PVAC COVID rules as of 5/30/22 (could change): Attendees must wear masks and show proof of vaccination to enter



**July's Show & Tell featured:**

Cristy Brenner	Guzmania 'Graaf Van Hoorn' variegated (Photo page 5) Hohenbergia stellata (Photo Right) Neoregelia 'Inkwell' (Photo Page 8) Vriesea simplex X Vr. 'Maroon Delight'
Nada Chatwell	Tillandsia concolor 'Cuicatlan' T. dura (lg. form) X T. meridionalis T. jequiensis (Photos lower right)
Don DeBok	Neoregelia hybrid
Patti Dunn	Guzmania sanguinea (Photo Bottom)
Carolyn Parsons	Neoregelia 'Ardie'
Sean Donlin	Hohenbergia 'Sandra's Mountain' Tillandsia lymanii (Photo Page 7)
Jeff Sorensen	Aechmea bromeliifolia Ae. subgenus Ortgiesia inflorescences
Ed Voelker	Tillandsia peiranoi



## **A Bromeliad Glossary** -- Third Edition by Pamela Koide Hyatt For the Bromeliad Society International, review from Chris Bruce.

This compact, spiral bound book is a convenient way of learning “the Bromeliad language.” For example, do you quickly have a cognitive and visual understanding of words like: involute, petiole, recurvata, and xiphioides? The answers are not here in this review. But they are in the book. Why does it matter? Because we are all continually learning about these plants, their origins, needs, and their habitats. Each member of the Saddleback Valley Bromeliad Society has a particular goal toward which he/she is aiming. Understanding Bromeliad terminology can facilitate what a hobbyist does with his plants and can improve her chances for success.

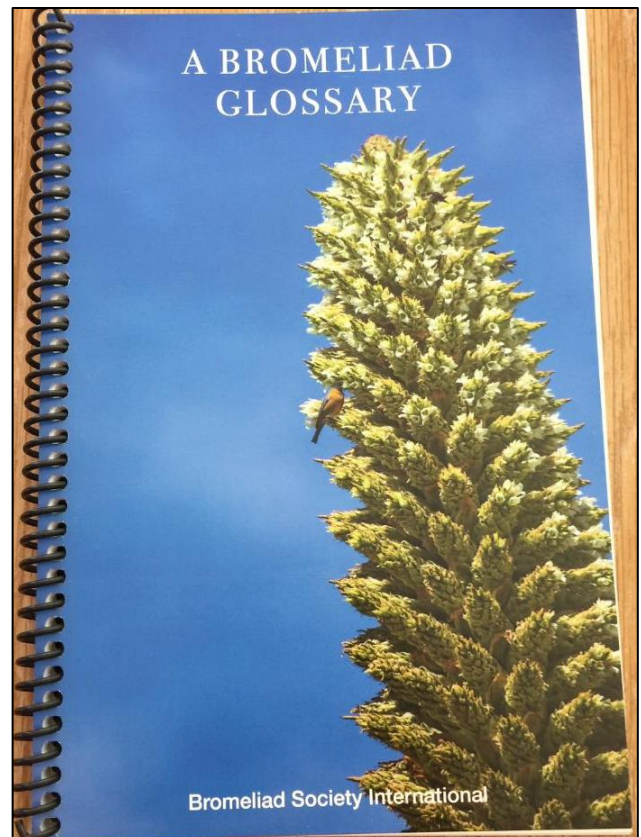
The roots of many of these words stem from (both puns intended) the Latin language. Very few people have studied that language, which means that Bromeliad terms can seem obscure and mystifying. While many of us reach for the computer in our pocket, this glossary provides specific targeted information which is often more helpful than the information provided by Google or Wikipedia. For example, the terms *iridiflora* and *iridifolia*. A quick search on my phone gave me more information than I needed or wanted. But I could not find a simple definition. In the Glossary, *iridiflora* means “with flowers like those of an iris.” *Iridifolia* is defined as “with iris-like leaves.” By breaking the word down, a reader can decipher that “iri” might pertain to iris, “di” could mean “of”. “Flora” surely means flower. “Folia” certainly means leaves. And so, these terms are more understandable. From A to Z, excellent definitions are given.

This third edition includes the latest changes in families and genus classifications. Several Appendices document the changes to understanding these plants. Aided by DNA analysis, scientists can be more accurate in classifying plants. One Appendix lists “publications and individuals who have made significant contributions to the study and discovery of *Bromeliaceae*.” The illustrations, though black and white line drawings, skillfully depict features of the smallest parts of some plants.

Members of BSI have access to this information on the website. But this convenient paper publication may be more useful than a digital version. While reading many technical books from our library, this book will definitely be useful as a companion to refer to for help in understanding the reading.

In conclusion, this reviewer wonders if any members might find value in starting a language study group. In some instances, the Glossary could be improved with an accompanying example by name or photo. A guided study group would produce examples, questions, comparisons and more. Solitary study most likely would be tedious. Motivation might diminish quickly (speaking for myself). Mind power multiplies in a group. The product of group learning might predictably be faster learning in a more pleasant setting.

This book is available now from our library.



## Guzmania 'Graaf Van Hoorn' variegated

This plant, purchased at the Florida Conference, was shown in July to give an idea of how to increase the salability (and value?) of plants not yet blooming. Just add a picture of the upcoming flower and basic growing hints on a stick!



## Tillandsia edithae

Below is another beautiful photo by Ed Voelker.



**Crown Rot in Bromeliads** - by Nina Woodcock in *Bromeletter*, the Official Journal of the Bromeliad Society of Australia, March/April 2022

Crown rot isn't caused by excessive amounts of water. Rot is caused by the presence of naturally occurring bacteria and or fungus that break down leaf matter and thrive in oxygen deprived environments. Rain water is oxygenated but stagnant water tends to be low in oxygen.

An example of crown rot causing fungus is *Phytophthora cinnamomi*. It lives in most soils but thrives in moist stagnant conditions when oxygen content is low.

Anti-fungal treatments also target beneficial fungus such as *Trichoderma* that thrives in oxygen rich environments and keeps many pathogenic fungi in check. To avoid crown rot, use a free draining potting mix such as orchid bark mixed with perlite to keep oxygen present in the soil. Rain water draws water and oxygen through a free draining mix therefore excessive watering shouldn't be the cause of crown rot. However, at low temperatures fungal pathogens become more active, water holds less oxygen and plants are dormant which is why rot is more likely to occur in winter. Keeping plants in a bright undercover position during winter will help deter fungal pathogen growth.

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Ed Voelker: "This plant intrigues me. It changed color without flowering!"





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Those of us who also enjoy photos of bromeliads find that the data has been divided between databases with cultivars in the BCI and species in the new BSD outlined below. This database was originally developed by BSI but later run and kept up to date by the FCBS.

### **The New BSI Bromeliad Species Database (BSD):**

After three year's work in collaboration with Eric Gouda (Utrecht, Netherlands) and Derek Butcher (Adelaide, Australia), I am delighted to present the all-new Bromeliad Species Database (BSD), now available on the BSI website at [www.bsi.org](http://www.bsi.org). The BSD is the all new "go to" resource for bromeliad species information online, further fulfilling BSI's purpose of promoting and maintaining public and scientific interest in Bromeliads around the world. It sits alongside the well-known Bromeliad Cultivar Register (BCR), but is exclusively for species only, providing all bromeliad enthusiasts with an interactive platform for accessing and sharing species photos, resource files and discussion.

The BSD home page, accessible at [www.bsi.org](http://www.bsi.org) either from the main menu page (public restricted access) or within the Member Only Content section (log in for full access to all files).

How does the BSD work? The BSD uses a continuously updated taxon list of all current genera, species, varieties and forms - including their synonyms. This taxon data is supplied via a live link from the Encyclopedia of Bromeliads and The New Bromeliad Taxon List, which are actively maintained online by BSI Webmaster Eric Gouda and colleagues, in Europe. This ensures all genus and species names in the BSD are kept up-to-date and aligned with the latest taxonomic classifications from Bromeliaceae botanists and experts around the world.

The BSD structure is very intuitive and easy to navigate, based on the familiar BCR design that has been available for public use over the past decade or so. Simply click on a genus name and then a species name in the menu to access the photos and file archives relating to that species or genus. As with the BCR, the BSD is designed to be accessible and usable (in part) to the public, in order to foster interest in bromeliads and also to attract new BSI members.

(Continued on page 8)

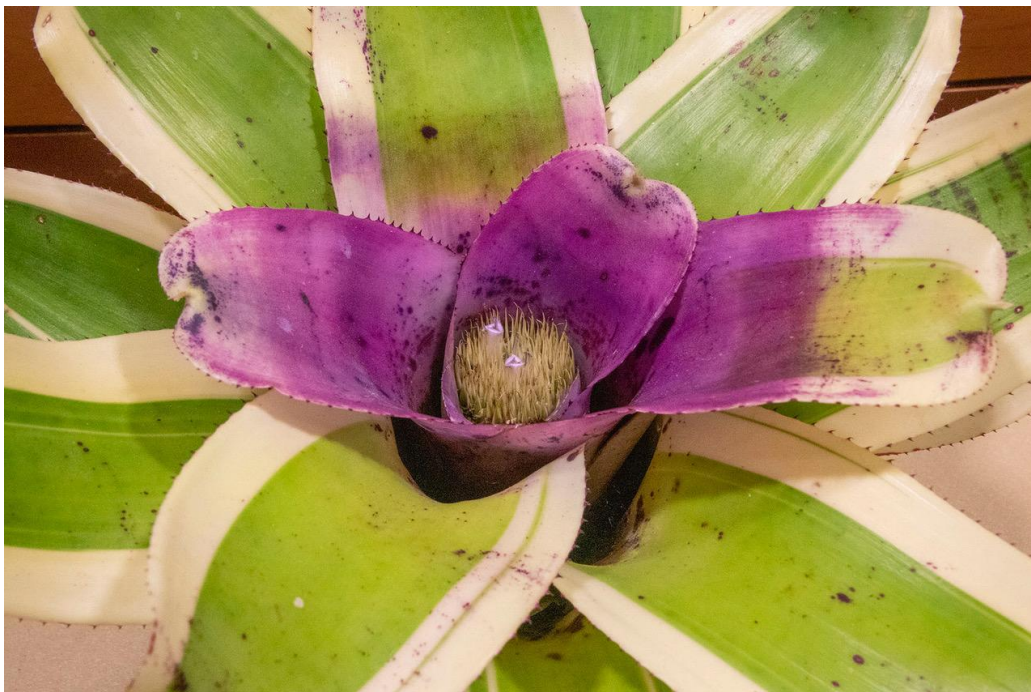
**(Continued from page 7)**

**What is inside the BSD?** There are two main sections of data. The first is a dedicated photo “Gallery” page for every species, which is fully available to the public after clicking on a species name. Photos in the Gallery are shared both ways with the FloraPix Brom-L Picture Gallery archive (also maintained by Eric Gouda), unless they are uploaded as “BSI member only” images in the BSD, when they are not shared. Any user is therefore able to instantly upload species photos at any time into the BSD Gallery pages. All new photos are checked and verified daily for accuracy, with the BSD Managers having the ability to edit and change plant names and notes as required. As mentioned above, there is a choice to either upload photos for public viewing, or reserve them for “BSI members only” in large format. All users can also add notes and make comments on publicly available photos and even ask for identification if unsure.

The second section is reserved for BSI members only. This is the “Description & Resource Files” archive, which is accessed via the grey button on the taxon or genus photo Gallery pages. These files are viewable to the public in small thumbnail format only (cannot be clicked on), full access requires a valid BSI member username and password to open all files and view photos in large format. Within this archive are over 36,000 photos and files across ALL Bromeliaceae species and genera. These have been diligently sourced, updated and archived continuously over the last 40 years by BSI Honorary Trustee, Derek Butcher and his wife Margaret. This lifetime of work includes many rare and habitat photos, botanical drawings, historical paintings, herbarium scans, original protologue scans, distribution maps, comparison tables, identification keys, botanical and discussion articles - and much more. There is also an MS Word document containing a transcript the official botanical description for every species, often followed by discussion notes and other information. Many of these descriptions have been meticulously translated into English by the Butchers from the original Latin and other languages.

These files are available for all BSI Members to access for personal or educational purposes, or bromeliad society use and publications, provided reference is given to the BSD and appropriate credit is given to the photographer or author. (from the Far North Coast Bromeliad Study Group NSW, June 2022, by Graeme Barclay)

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## 2022 Society Officers/ Committee Heads

President:	Cristy Brenner	
Vice President/Programs:	Jeff Sorensen	
Secretary:	Carolyn Parsons	
Treasurer:	Mary Kermani	
Fundraising:	Yvonne Wilson	
Librarian:	Chris Bruce	
Membership	Nada Chatwell	
Plant Table:	John Marzolino	
	Michael McGuire	
Publicity:	Kathy Jones	
Pup Talk Team:	Pete and Patti Dunn	
	John Marzolino	
	Joe Wujcik	
Refreshments:	Launi and Tony Cory	
	Kathy Jones	
Supplies:	Don DeBok	
Webmaster & Zoom Coord:	John Marzolino	<a href="mailto:Johnjmm1@gmail.com">Johnjmm1@gmail.com</a>

Life Mbrs: Cristy Brenner, Mary Kermani, Dan Kinnard, Norm Nakanishi, Jeff Sorensen, Ed Voelker, Joe Wujcik

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**Our Web Address:** <http://www.bsi.org/webpages/saddleback.html>

**Join Us** The Saddleback Valley Bromeliad Society is an educational organization promoting the study and cultivation of Bromeliads. Meetings include an educational talk, a plant raffle table, a silent auction,

refreshments, a lending library, supplies for purchase, shared information, and camaraderie.

## ***Pup Talk, August 2022***

The Saddleback Valley Bromeliad Society next meets **Thursday, August 4, 2021, at 7:00 PM.**

Festivities include a:

- \* **Program** on the recent convention;
- \* **Plant raffle** (Bring a show & tell plant to receive a free raffle ticket!);
- \* **Show & Tell** with lots of our plants to see and enjoy;
- \* **Lending library** for books you need to learn;
- \* **Goodies; Friendship; and Information.**

A big thank you goes to all who contributed information, writing, and production of this newsletter including **Cristy Brenner, Chris Bruce, Pete and Patti Dunn, and John Marzolino.**

Pup Talk is a publication of the Saddleback Valley Bromeliad Society. Any opinion expressed herein is not necessarily that of the Society. When credit is given, nonprofit publications may reprint from us.

The Saddleback Valley Bromeliad Society is an educational organization promoting the study and cultivation of bromeliads and fellowship among those who do. We are an affiliate of the Bromeliad Society International.

