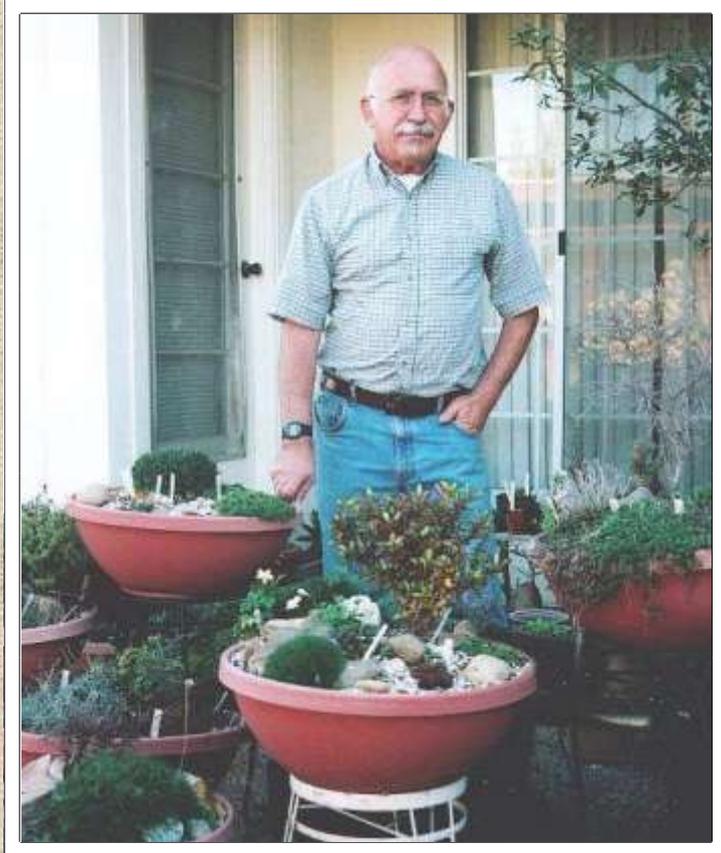


Volume 42 Number 5

May-June 2007

ESPINAS Y FLORES

**The Newsletter of the San Diego Cactus & Succulent Society Inc
Affiliated with the Cactus & Succulent Society of America**



**Program: Dr. Harold Koopowitz,
Plants of South Africa**

**Saturday May 12, 2007, 1:00pm
Room 101 Casa Del Prado
Balboa Park, San Diego CA**

PRESIDENT'S MESSAGE

April 24th, 2007

Greetings!

What a great meeting we had in April! If you missed it, you really missed out. How often does any area in the world have two astute and knowledgeable authors releasing their books within weeks of one another, and both so enthusiastic and willing to show up and spread the word with us?

Philippe de Vosjpli's talk about his new book "Pachyforms", complete with challenging questions and in-depth observations left little to be desired and much to be in awe of with regards the caudiciforms. It seems such a simple topic at first, yet it becomes so diverse and encompassing after some study. I can see the necessity in another edition following this one, perhaps even more!

Debra Lee Baldwin's talk and book are inspirational. It is comforting to see succulent design in the garden coming of age. It seems nearly everywhere we look these days, people are getting the idea that xeric gardens and gardens employing 'succulents as the backbone' are becoming more normal than novel. Debra's program really brought home the design sense of arrangement, size and perspective, and expanding one's pallet. I hope everyone got the same sort of a charge out of the meeting as I did.

May's meeting is sizing up to be well worth inviting your friends and neighbors to. Our "meet the member" series continues with the always eclectic artistry and fascinating viewpoints of Mr. Don Patterson, interviewed in depth by Ric and Marilyn Newcomer. Dr.



Gymnocalycium sport 'MDF
2004 selection'

Harold Koopowitz will be highlighting some plants somewhere in South Africa, we're not really sure exactly where yet, but from what I've heard of Dr. Koopowitz programs, the man could make a discussion of parrot molting quite fascinating, so be sure and be there, a program not to be missed.

Yes indeed, folks! It's THAT TIME of year again-!! This will be last EYF you'll see until after our annual June Show and Sale! Dust off those show plants and find new homes for all those spiders and denizens you don't want to kill while your plants are strutting their stuff. I don't know about you, but I

always start thinking about repotting and re-staging things right about now and if I don't get it done by mid-May it probably won't happen by "show time". I'm always interested to see what might look a little better this year, what might not make the grade, and so forth. Right now my eyes are getting a workout just trying to keep up with everything in flower lately.



Gymnocalycium vatteri var. *paucispinum*

Wow, hey, I can't help but say something about the flowers

so far this spring. I think our little cold snap a few couple months ago has had a really nice after-affect in so many species of cacti going absolutely berserk with flowers this spring. As an avid hybridizer this is creating a really immense



Parodia aurispina

pallet of things to play with in the greenhouse. With some simple manipulations of water and heat, quite a number of plants that typically have about a two-week flowering period can be extended to a month or more. Some species that are typically long-flowering (four months or slightly more) are now in their sixth month. On the succulent side, things aren't quite so rosy. Those species adversely affected by the cold are slow to get going

this year. I'm noticing *Adenium socotranum*, for instance, seems really slow to get going this spring. There are also a bunch of other genera and species that are in an active state of growth, but aren't showing any gains in terms of size or buds... at least yet.

Huge thanks to all of you for your service!

See you in May,

Mark Fryer

ON THE COVER:

Our speaker for May is Dr. Harold Koopowitz, a South African native born in the Eastern Cape. He has taught at UC Irvine for all of his adult life in a variety of fields involving plants, most recently Evolutionary Biology. He has written or co-authored half a dozen books, and is involved with plant conservation. He has bred narcissus for 30 years, and works extensively with other bulbs. He makes frequent trips to South Africa, the latest of which will be the subject of the program he will provide for us.

Photo and bio provided by Allen Clark

April , 2007 Brag Table Winners

Judged by Elibet Marshall

Cactus

1 st	Peter Walkowiak	<i>Mammillaria matuelae</i>
1 st	Paul & Carol Maker	<i>Epithelantha micromeres monstrose</i>
2 nd	Peter Walkowiak	<i>Mammillaria wildii</i>
2 nd	Jerry Garner	<i>Ferocactus glaucesens</i>
3 rd	Peter Walkowiak	<i>Rebutia flavistyla</i>
3 rd	Allen Clark	<i>Uebelmania pectinifera</i>

Succulent

1 st	Rudy Lime	<i>Sarcocaulon vanderietiae</i>
1 st	Allen Clark	<i>Gasteria hybrid</i>
2 nd	Allen Clark	<i>Gasteria bicolor</i>
2 nd	Allen Clark	<i>Gasteria baylissiana</i>
3 rd	Bev Grant	<i>Dyckia hybrid</i>

The due date for submission of article (Plants of the Month) and information on the program/speaker will be the meeting preceding the intended issue (approximately one month ahead of time). The due date for letters, regular columns, brag table winners, and the President’s Message will be one week later. All submissions are to be made to the Editors.

MEET THE MEMBER: DON PATTERSON

By Ric and Marilyn Newcomer

In place of our usual 'Plants of the Month' articles and program, our May meeting will feature a discussion and slide show with member Don Patterson, so that we can all see and learn about his collection of cacti and succulents and his cultivation methods.

Don has lived in the State College area of San Diego for 27 years. He has previously lived in New York State, Vermont, Massachusetts and Washington. He has been a college art instructor for 34 years, having recently retired. Art is still, and always will be, another of his passions. Don is a quiet, unassuming man who is a joy to know. He recently has not always been able to stay for our meetings, but you will usually find him there in the mornings looking through and purchasing many of the sale plants. He is fastidious in the care of his plants and home.



Don and his art

Don has been collecting plants since 1970, starting out with *Epiphyllums* and expanding into Bromeliads in the 80's. He has been a member of the SDCSS for more than a decade. His first plants were given to him by past cactus society president Ron Monroe. They were some *Weingartias* and *Sulcorebutias*. He still has one of his first plants, a *Lo-bivia*. Don estimates he has hundreds of plants (probably a low estimate)!

His favorite plants are *Astrophytum*, *Gymnocalycium spegazznii*, *Copiapoa cinerea*, *Mammillaria carminae*, *Euphorbia obesa*, and *Adromiscus*. His plants definitely show that he has a green thumb,

however he does admit that his *Astrophytum*s are the hardest to keep pristine. Don has enjoyed growing plants from seed and has been very successful with hybridization of *Epiphyllum*s. He even has some registered *Epiphyllum* hybrids i.e. 'Mr. P' and 'Smarty Pants'. Don is also a member of the Bromeliad Club.



Epiphyllums

Don speaks highly of our club and indicated the growers he talks to are always forth coming with advice and sometimes a specimen. He acquires a lot of his information on growing his plants from the club and other members. The various programs are a highlight including specific focus talks, travel and collecting.

We thank Don for his hospitality in showing us his beautiful collection and we know you all will enjoy more information and the slide show of his collection at the May meeting.



Haworthia truncata

Get Ready for the Big Show!

By Tom Knapik

Our annual show and sale is right around the corner and we all need to get ready. Bring in as many cacti and other succulents you can. If you really want to contribute to the show, develop a display, just let me know how many tables you'll need. Entry cards will be available at the May meeting. If you won a trophy and took it home, please have it engraved with your name and bring it to the May meeting. If you make a list of your plant entries it will help you keep track at the end of the show. Bring in those empty boxes for our sales area. If you are interested in selling plants, please contact Chris Miller our Sales Chair. You must obtain a bar code number before the deadline or you will not be able to sell at our event.



The show schedule is printed with this edition and there are some aspects of which to be aware. The specialty division IV has trophy awards that have been donated over the years. If you wish to enter your plant in one of these categories, it will not be considered for another division trophy. For example, if you have a fantastic *Mammillaria* from Baja, you need to decide which trophy, best *Mammillaria* or best Mexican Plant you want your plant to be eligible to win because, it cannot be both. We do this to simplify the judging process, which takes hours and to spread the wealth. We had more than 600 entries last year and I know we can increase our quantity and quality.

We will open at 10 AM Saturday morning with an un-judged show. At 3 PM the room is cleared and the doors are closed and the judging begins. We open at 10 AM Sunday morning with the awards next to the plants and the trophy winners on the head table. Perhaps it will be one of your plants this year that makes it to the head table. The competition will be fierce so I wish you all good luck.

We will be offering several workshops during the show. If you would like to see a potting demonstration, learn how to graft, grow edible succulents, or bonsai that overgrown weed into a work of art then stick around. I'm developing the schedule and it will be available at the May meeting. So, tell a friend, bring your neighbor, call your relatives, this is a show not to be missed. As always, we need your help and participation to make this a huge success. See you there, Tom.

Photo by Collette Parr

TIME TO GET THOSE PLANTS READY FOR THE SHOW!

By Allen Clark

Our big annual judged show is now less than a month away, and this is the perfect time to be starting the process of selecting which plants to show. To do this, it's important to think about some of the things judges want to see—or don't—when they're screening the show.



The process should start with grooming your plants. Remove all damaged or dead leaves or other structures. While you're doing this, look for any signs of bugs or other “travelers”, dead or alive. If they're alive, spray them and remove the corpses. A Q-tip with some detergent or rubbing alcohol works in most cases. Also, you want to get out your tweezers and remove any of those volunteer weeds which seem to be thriving after our very wet winter. Spiders have also been very active, so remove all those webs. A small paintbrush works well for this task.

The next thing to look at is your pots. First, they should be clean. Wipe glazed and unglazed pots to remove any dirt or dried salts. For those terra cotta pots, some people use a WD40 solution. For me, a brisk rub with an old washcloth usually suffices.



One last note on watering: this should be completed several days before setup. Leaky pots can really mess up the display area while the show committee is moving the plants around, so please—do your watering well ahead!

Staging is the next consideration. This comprises the choice of pot or other container, along with topdressing and a rock or piece of wood. Remember that the plant is supposed to be the star of each individual entry. Therefore, the other elements should



never upstage the plant. Containers should be the right size and shape. Many growers feel that containers which in some way mimic or reflect the natural habitat of a plant look best. If you're using glazed pots, remember to use color carefully. For example, if you have a euphorbia which has some reddish coloration in the stem or leaves, it's great to use a burgundy pot to add a little "punch". Likewise, top-dressing is best accomplished with a color of material which does not draw attention to itself. This is NOT the time to use that bright turquoise aquarium gravel which has been sitting dry in the old tank at the back of the garage for a couple of decades. Use a neutral color for most plants. If your container is black, though, you can also use black gravel as

top-dressing.

Okay.....now all your plants are ready. There are a few more things to do, though. First, remove all the tags from your plants, being sure to make a complete list of what you're entering. Of course, you will have picked up your entry tickets at the May meeting and filled them out according to the entry schedule which is mailed out with this issue of the newsletter. That saves you time during setup on Friday evening.



Remember that it's not unusual for plants to shift during transit from your home to the show. It's a good idea to carry a small container of topdressing to fix any spillage. It can't hurt to bring a few paper towels, Q-tips and your favorite cleaning compound for any last-minute touching up.

Finally, it's time to enjoy the show. We've made some changes this year, so be sure to read elsewhere in this issue for details.

Photos by Collette Parr from our 2006 Show & Sale

SDCSS PARTICIPATION AT EARTH DAY IN BALBOA PARK

By Pam Badger

Despite predictions of rain, we had a great, dry day in the Park on April 22 for EARTHDAY. We were working with the new awning so were challenged first thing in the morning to figure it out and get it set up - then everything came together quite smoothly. The park was packed with all manner of people all day and we were very busy - sold lots of plants and pots, talked to lots of people about our Society - several who commented - "Oh! I've never heard of you, what a great idea, when are your meetings?" We handed out many brochures and invitations to our June show. Many thanks to the hard working crew - Joe Kraatz, Chris Miller, Sara Schell, Peter Walkowiak, Lee and Pam Badger. Tom Knapik also stopped by for a while (despite still recovering from a cold) and Terry Parr helped with set up and left plants for the sale.



Tom, Chris and Sara



Peter and Lee discuss the situation while Pam toils below.



THANKS FROM VIRGINIA'S FAMILY

Mark Fryer received a card from Virginia Innis' family that reads:

"Sara and the San Diego Cactus and Succulent Society,

Thanks so much for your kind care, thoughts and condolences. (Sorry it took us some time to write back, as this was rather unexpected and there has been so much to do.) Virginia would have been so honored and touched.

Thanks again,
The Innis family"

Sara Schell sent a card in her new role as Hospitality Chair.

Environmental Updates

By Art Cooley

Global Warming Lecture

On Tuesday, May 15, at 6:30 pm, Dr. Michael Oppenheimer, a professor at Princeton and a lead author of the IPCC report on global warming, will speak on “Global Warming; ‘Where do we go from here?’” His talk is the last in the seven part, and free, lecture series sponsored by the San Diego Natural History Museum and its cosponsors on this very important issue.

The Channel Islands...Dudleya and...Bald Eagles

Islands are wonderful places. They are “engines” of species creation; think of the Galapagos and Darwin’s finches. Islands are romantic getaways; think of Bali and Barbados. Islands have a high degree of endemism; think of Easter Island and New Zealand. Islands are isolated and famous; think of the Hawaiian Islands. Yet, for all of their wonder, island ecosystems are fragile and threatened by introduced species and human activity.

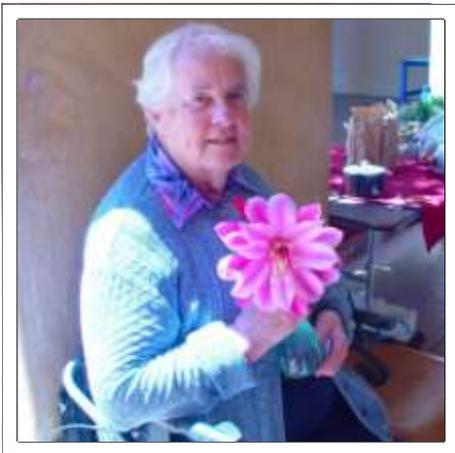
Santa Catalina in the Channel Islands is typical of island communities; the plant life on Catalina is largely indigenous. Of 606 species, 421 or 70% are indigenous. Indeed, the geographical origin of the genus *Dudleya*, is Southern California; however, some species occur as far north as the southern part of Oregon and as far south as mid-Mexico with at least one species much further south in coastal Chile. For Cactus and Succulent Society members, Catalina is of interest for its two species of indigenous members of the *Crassula* family, two *Dudleyas*: Santa Catalina Island Live-forever (*D. hassei*) and the Bright Green *Dudleya* (*D. insularis*). The Channel Islands also provide a home for other endangered species most notably our national bird, the Bald Eagle. This spring, for the first time in more than half a century, a bald eagle pair has successfully hatched their own eggs on Santa Catalina Island. Last year, for the first time since the 1936, a pair of bald eagles, successfully bred in San Diego County at Lake Henshaw. Both successes are linked to the ban on DDT...and once again, may have a chance to thrive. Until 1970 Montrose Chemical Company was dumping DDT wastes from its manufacturing operation into the Los Angeles sewer system. Tons of this chemical ended in the Los Angeles harbor and the nearby Channel Islands. In 1970, a lawsuit by Environmental Defense stopped that dumping. Gradually, ambient levels of DDT decreased, and when DDT was banned nationwide in 1972, a courageous act by William Ruckelshaus, the first Commissioner of EPA, DDT use dropped dramatically. Bald eagles, along with ospreys, peregrines and brown pelicans, are making a remarkable comeback. Bald Eagles have increased their breeding numbers in the US by ten fold in the last half century.

Today, 35 years later, the bald eagle once again can breed on its own on Santa Catalina. Ironically and appropriately, the funding for efforts to help bald eagles achieve this independence has come from a settlement agreement with Montrose based on that 1970 lawsuit. Indeed, they are thriving. The fall and rise of the Bald Eagle underscores the effect that human activities can have on the planet and that it may take decades for those effects to be eliminated. Today, much of Santa Catalina is in public ownership and is being managed to maintain the unique species that have evolved in that marvelous habitat. Fortunately, an increasing interest around the globe is reflected in the elimination of introduced species to many islands and in some cases the rebound of indigenous species is dramatic. While we can't restore islands to their condition before man arrived, we can help them regain some of their prior glory and productivity.

FYI (for your information)

BOXES NEEDED: Our meetings are in need of boxes for the sales area. These can be any where from 8" X 12" up to 2' x 2'. For ease of transport the boxes can be broken down. We have the necessary tape to reassemble. Shoe boxes and beer flats are also excellent. Also, our sales people are running out of handled paper bags. Any members who might have these please bring to the meetings. We have storage so number is no problem. Please see Joe Kraatz.

SNACKS: Last names beginning with A through M, please bring a snack to share at the break.



Life member, Elizabeth Glover, watches over customer purchases at the 2006 SDCSS Show & Sale.

Photo by Collette Parr

WHAT'S THE STATUS?

UPDATE ON THE BAJA GARDEN AT THE WILD ANIMAL PARK, A PLEA FOR HELP

By Chris Miller

Photos by Juergen Menzel

These euphorbias, here in full bloom, were donated by Sara Schell about two years ago.



Magnificent blooming aloes have spread across the landscape.



However, the weeds as seen below, are rapidly encroaching on the garden



This picture was taken a month ago in the Old World Succulent Garden. Despite the valiant efforts of Carol Moss, Janet Svaboda, Juergen Menzel, Mike Livingston, and Jim De Forest the condition has not improved significantly. We celebrate the dent in the weeds we make, but acknowledge the work yet to be done. If you would like to help with the war on weeds please contact Chris Miller for details.

TRICENTENNIAL OF CAROLUS LINNAEUS

By Steve Harris

May 23, 2007 marks the 300th anniversary of the birth of Carolus Linnaeus, the father of modern taxonomy. Linnaeus standardized the classification and description of plants and animals. The work of Linnaeus is the basis for our modern use of binomial nomenclature, which is the use of genera and species to commonly describe particular plants and animals. Linnaeus is the guy to blame for all the Latin flying around SDC&SS meetings!

Linnaeus wrote his major work, *Systema Naturae*, in Latin, which was the language of academia in the 18th Century. Linnaeus himself, however, was Swedish by birth. In his time, most Swedes did not have a family surname. Linnaeus' father first coined the surname when he registered at the University of Lund and based it on the name of the family estate, Linnagard, which in turn was named for the abundance of Linden trees on the property. When Linnaeus was born, his father named him Carl, which became Carolus when referred to in the Latin.

Linnaeus is also referred to as Carl von Linné, which is the name he took after being elevated to the Swedish Nobility in 1761. To further complicate issues, this is sometimes shortened in the literature to Carl Linné. Carl Linnaeus, Carolus a Linne, and Caroli Linnaei has also been used. Linnaeus used 'Carolus Linnaeus' in his publications both before and after ennoblement, so I personally consider this to be the correct form for botanical reference.

Linnaeus followed his father to the University of Lund, but soon left for the University of Uppsala, which he was affiliated with for most of the rest of his life. He ascended first to the chair of medicine at Uppsala, but this was soon exchanged for the chair in botany.

Linnaeus developed the botanical classification system still in use today, breaking down all life into Kingdoms, Phylum (or Division), Class, Order, Family, Genus and Species. A member of the Animal Kingdom that is familiar to all is classified in this manner: Kingdom Animalia, Phylum Chordata, Class Mammalia, Order Primates, Family Hominidae, Genus Homo, Species Homo sapiens. Note that the Genus name is generally capitalized while the Species name is not. Some species are divided further, into varieties or subspecies.

For brevity, most plants and animals are referred to by the Genus and Species names. This is referred to as binomial nomenclature and leads to our reference to everything from *Adenium obesum* to *Zygocactus truncatus*.

Thanks to our esteemed Webmaster, Tom Stiko, for pointing out this important date to the *Espinus y Flores* editors.

Next issue: some tips on deciphering what the Latin means.

OFF THE SHELF

By Allen Clark



Izzat © 1941

Well, memberfolk—your library is finally moving into the 21st century. Those of you who attended the April meeting probably came over to the open case (now in the front of the room) and noticed some real progress in organization. If you're looking for a book on a particular genus of plant, those volumes are alphabetized accordingly. If you're looking for something on the plants of a particular geographic region, the globe is split up into the areas where most cacti and succulents are found—including the American southwest. If you're planning a trip to Baja, there's a separate section for material on that spectacular area. We also have a special section for beginner-level books to help the newcomer to our hobby with some basic information. This includes books on landscaping, for those who want to explore xeroscape gardening.

One of our future objectives is to offer the *CSSA Journal* and *Espinas y Flores* bound by the year. We are missing the following issues. If any member has them, and would donate them, we would very much appreciate it. Here's what we need:

CSSA Journal:

- 2001: missing Jan/Feb, Jul/Aug and Sep/Oct
- 2004: missing Sep/Oct and Nov/Dec
- 2005: missing May/Jun
- 2006: missing Jul/Aug and Sep/Oct

Espinas y Flores:

- 1994: missing Apr and Nov
- 1955: missing Feb, May, Jun, Jul, Aug, Oct, Nov, and Dec
- 1997: missing Jun and Sep
- 1998: missing Apr, Sep and Nov
- 1999: missing May, Jun, Nov, and Dec

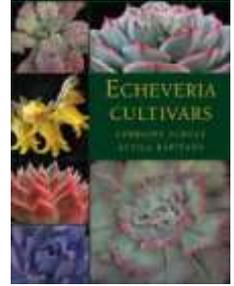
The Library Committee is preparing a purchase order from Rainbow Gardens Bookstore, and we expect delivery at our June show. We will list the new books in the July issue of *Espinas y Flores* and make the new books available to you as soon as they are processed.

April was the fifth anniversary of my joining the SDCSS, and this is the first time I have ever seen such organization of our bookcase. I am very proud of our group effort to produce this result. Please make the library one of your regular visits at our meetings. We will do our very best to be open at 10am for early arrivals, and to provide access to our collection to all members.

ECHEVERIA CULTIVARS

By Lorraine Schulz & Attila Kapitany
Schulz Publishing, Australia, 2005
207 pages

Reviewed by Allen Clark



This lavishly photo-illustrated book is a must for the library of anyone who grows these remarkable plants.

The bulk of the pages are filled with color photos of well-known and widely grown plants, usually accompanied by a paragraph or two on the parentage and hybridizer of the original cross, when known. This information often includes advice on propagating a particular plant, as they are by no means equal in this regard.

The introduction to the book deals with the definition of species, cultivars, hybrids, etc. It then discusses the way the species grow in nature, the early hybrid history, and intergeneric hybrids which include *Echeveria*.

Part One treats the care, health and propagation of these plants, and then goes on to discuss the complex topic of understanding plant names. This includes the issues of priority and validity of plant name, why names change, and the full range of the other mysteries which a simply-written plant tag can pose.

It is important to know that the authors of this book are Australians. However, the cultural information in this book is presented in such a way that it is easy for a grower in areas other than Australia to translate the care requirements to local conditions and capabilities.

Part Two is a photographic library of well-known cultivars, arranged in alphabetical order. Remembering that the authors of this book are Australians, I found it frustrating to realize that many of the plants they discuss are likely better known (and, alas more available) there than in the U.S. However, the authors credit California growers in the development of the hybrids, particularly the early ones. Many of these plants are still in the trade in our nurseries. Among the newer introductions, many have made it across the Big Pond.

Part Three is entitled 'Odds and Ends', and deals with un-named hybrids, new hybrids and trends, and variegates.

The book concludes with an Appendix consisting of a discussion of recent hybridization, and then an index of cultivar and hybrid names, including what is known (or often guessed) to be the parentage. This index includes a description, and a page reference to the photos earlier in the book.

San Diego River Days 2007

By Rob Hutzel, Executive Director of the
San Diego River Park Foundation

This May the San Diego River will be the spotlight for this fourth annual celebration. San Diego River Days is organized by The San Diego River Park Foundation (SDRPF), and will kick-off on Saturday, May 19 at 8:30AM at Dog Beach.

With all the significant improvements underway along the River, we are thrilled to invite the community to join us in celebrating our region's name-sake river and experience everything it has to offer.

This family-friendly event, which will feature more than 30 activities spanning from the mountains to the ocean, will offer an incredible variety of opportunities. River Days participants can look forward to nature walks, mountain hikes, bike rides, community clean-ups, history walks, a community picnic, an all-day opportunity to explore the nearly 6000 acre Mission Trails Regional Park and much more.

On Sunday, May 20th, a special event will take place in Ocean Beach with elected officials, community leaders and others, at the River's mouth to take a "Clean River" pledge.

This event will kick-off a year-long effort to engage the public in volunteerism by getting people to pledge at least one day of service to help care for and keep the river clean. A goal has been set of 20,000 hours of service. For so many years this River has provided life to our community; now it is our turn help sustain this vital natural and cultural resource. River Days has become the largest event of its kind in San Diego County and possibly even Southern California.

The "Clean River" pledge event will be followed with a community get-together in Collier Park, including a picnic, tours of the Point Loma Native Plant Reserve, and an Open House at the OB Community Gardens. SDRPF is delighted to be partnering with the OB People's Co-op for this event.

In just five years, SDRPF has helped organize more than 60 non-governmental organizations to advance plans to establish a 52-mile long park system along the San Diego River. SDRPF is a non-profit community based organization which is dedicated to creating the River Park and to promoting civic engagement in the stewardship of the River and its incredible natural and cultural resources.

For more information about San Diego River Days please visit www.sandiegoriver.org , call 619- 297-7380 or e-mail info@sandiegoriver.org

UPCOMING EVENTS

2007

May 4-6: Sage & Songbirds Festival & Garden Tour, 10:00am-4:00pm, Viejas Outlet Center, 5000 Willows Road, Alpine, info: 619-445-8352, email: festival@chirp.org.

May19: Spring Garden Festival: Birds and Butterflies, Water Conservation Garden, 9:00am-3:00pm, 12122 Cuyamaca College Drive West, El Cajon. In conjunction with the festival, Artifacts Alive at the Heritage of the Americas Museum: creative displays such as floral arrangements, quilts, jewelry, arts, and crafts that interpret the museum collections. 12110 Cuyamaca College Drive West, El Cajon, info: 619-670-5194, website www.cuyamaca.edu/museum.

May 25-30: CSSA 32nd Biennial Convention at the Seattle Airport Double-Tree Hotel. Reception May 25, presentations May 26, 27, 29, 30 and field trips May 28.

Jun 2-3: San Diego CSS Summer Show & Sale, Balboa Park, Room 101, Casa Del Prado, info: 619-477-4779.

Jun 9: Gates CSS Show and Sale , 9:00am-4:00pm, Jurupa Mountains Cultural Center, 7621 Granite Hill Dr., Glen Avon, info: 909-360-8802.

Jun 9-10: Los Angeles CSS Show and Sale, Sepulveda Garden Center, 16633 Magnolia Blvd., Encino, info: 818-363-3432.

Jun 29-Jul 1: CSSA Annual Show and Sale, Huntington Botanical Gardens, 1151 Oxford Rd., San Marino, info: 626-405-2160 or 2277, plant sales June 29-July 1, show June 30-July 1.

Aug 18-19: Intercity Show and Sale, L.A. County Arboretum, 301 North Baldwin Ave., Arcadia, info: Tom Glavich 626-798-2430 or Barbara Hall 818-368-6914.

Sep 2: Huntington Botanical Gardens Succulent Symposium.

Nov 10-11: San Gabriel Valley CSS Show and Sale, L.A. County Arboretum, 301 North Baldwin Ave., Arcadia.

Dec 1-2: Orange County CSS Show and Sale, 10:00am-4:00pm, 1900 Associated Rd., Fullerton, info: 714-870-4887.



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Standing Committees & Sub Committees

Education, Conservation & Exhibits

Conservation: Joe Kraatz & Herb Stern
Brag Table: Steve Harris & Candy Garner
Plants of the Month: Ric & Marilyn Newcomer
Summer Show: Tom Knapik
Winter Show: Terry Parr
Historian: Terry Parr
Library: Allen Clark, Chris Miller, Don Hunt, Jeanette Dutton, Steve Harris
Exchange Plants & Seeds: Michelle Heckathorn & Sara Schell

Sales, Meetings, Plant Sales & Supplies

Membership: Collette Parr
Mailing: Jean & Bill O'Daniel
Annual Sales: Chris Miller & Joe Kraatz
Auction & Holiday Plants: Lee Badger & Tom DeMerritt
Monthly Plant Sales: Joe Kraatz & Pam Badger
Monthly Supply Sales: George & Jerry Plaisted
Benefit Drawing Table: Terry Parr, Lee Badger
Publicity: Tom DeMerritt & Joe Kraatz
Programs: Mark Fryer
Reception: Ethel Standish, Susan Hopkins & Judy Walkowiak
Monthly Regalement: Rudy Lime, Susie White
Picnic Regalement: Laura & Tom DeMerritt
Hospitality: Sara Schell

Liaison

Balboa Park Desert Garden: Susan Hopkins
CSSA Affiliate Rep: Peter Walkowiak
Quail Botanical Gardens: Phyllis Flechsig
SD Botanical Garden Foundation: George Plaisted
SD Floral Association: Elizabeth Glover
SD Wild Animal Park Baja & Old World Gardens: Chris Miller

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