

CCSS Newsletter

Connecticut Cactus and Succulent Society

May 2011

From the President

The Twenty-eighth CCSS Annual Show and Sale at Naugatuck Valley Community College is finished, and I think that all of us who helped to make it a success can pat ourselves on the back, and perhaps take a few days rest before contemplating the excitement of the **Seventeenth Eastern Cactus and Succulent Conference**, which is now less than a year away.

● This year's show went swimmingly, with a steady stream of visitors on both days, a busy sales area, some spirited bidding wars at the auction, and a few plants in the show that surprised even guest judge **Jerry Barad**. So many people contributed that I can't possibly name them all, but show chairman David Schultz deserves our special thanks for the yearlong efforts that made the show a



reality.

The CCSS scholarships for horticulture students at NVCC will be presented at Honors Night, on Tuesday May 17. John Spain will be there to represent the cactus club, but other interested members are invited to attend.

The national CSSA Conference will be held at the end of April, in San Diego. I have been invited out to give talks on Conophytum, and succulent plant evolution. I know that a few other New Englanders are planning on making the trip, so I'll see some of you in sunny California!

The May meeting will be held at the University of Connecticut, at our usual location in Torrey Life Sciences lecture room 154. Art Scarpa of the Cactus and Succulent Society of Massachusetts will give us a presentation about his recent adventures in the Rainbow Nation, South Africa. Bring your vuvuzela. We will also vote for club president and secretary (the nominees so far are Becky Lynn for secretary and myself for president), and have a chance to check out the UConn biology greenhouses.

Continued on page 2, left column

The Secretary's Report

After we had filled ourselves full of pizza (and there was quite a bit left for microwaving on Sunday), thirty-seven of us made a double circle out in the "courtyard" near the lecture room and had our meeting.

● **David Schultz** thanked us all and said we had had a good attendance and that the vendors had told him they had good sales. Then he went on to give information about the 2012 Conference.

● CoCoKey Water Park and Resort Hotel has changed ownership but are going to honor all former commitments. Contracts are going forward for speakers.

● There are several advantages to our new venue. For one thing, we can get in at noon on Friday to prepare instead of 2 PM. Doors to the vendor area are open to the



parking lot—no elevators or pushing carts down hallways. The area for the show is about the same, but no pool table or bar in the middle to work around. The Sales area is larger which means we can have more vendors. **Sunny Borders** will be one of those.

● The Show, Sale and Conference will be April 14 and 15, 2012, with the Conference starting Friday, April 13. Paying attendees will have a mixer Friday evening followed by a chance to visit the Sales area before the general public comes on Saturday.

● In response to a question about the cost of a room at CoCoKey, **Joe Pawlak** replied that our special price would be \$99.00 plus taxes.

● We have at least one scholarship winner and **John Spain** will again represent us by presenting the award at Honors night at Naugatuck Valley Community College.

Continued on page 2, left column

From the President *continued from page 1*

For the June meeting we will be taking a field trip to see Fred Kattermann's world-class collection of Chilean cacti at his home in New Jersey. Fred's place is an easy 2-hour drive down I-84 from central Connecticut, but it still might be a good idea to chat up potential carpooling partners at the May meeting. In July I have us penciled in for our (annual?) hypertufa pot workshop with John Spain.

Thank you,
Matt Opel
President

The Secretary's Report, *continued from page 1*

Fred Kattermann has graciously offered to open his home and greenhouse for our June meeting. The plan is to car-pool down on June 5.

Respectfully Submitted,
Becky Lynn
Secretary

Number of Entries at 2011 Show

Provided by Helen Pritchard

Division I entries	122
Division II entries	175
Division III (Special Exhibits)	9
Novice (Youth)	<u>6</u>
Total Entries	312

Editor's Note: Due to technical problems, the photos of the April show are not available. We will place them in the June edition.

The Connecticut Cactus and Succulent Society

President: Matt Opel, Ph.D.; (860) 420-7253;
matthew.opel@uconn.edu

Vice President pro tem: Ms. Jeanine Loya, (518) 522-2943; cactus246@hotmail.com

Secretary: Ms. Becky Lynn; (203) 758-9549

Treasurer: Mr. Ken Mosher; (860) 742-8859; ken@spatulacity.com

Editor: Mr. LeRoy F. Saucier; (860) 228-7602;
saucierl@sbcglobal.net

Staff Photographer: Mr. Herbert (Sully) Sullivan;
(860) 646-4809; irish_dragon98@yahoo.com

Society Website: www.ctcactusclub.com

The CCSS Newsletter is published each month except January. Annual membership of \$12.00 includes subscription to the newsletter. This membership includes all members of an immediate family residing at the same residence. Payment is payable to the Treasurer, Mr. Ken Mosher, 8 Bailey Road, Andover, CT 06232.

Connecticut Cactus and Succulent Society
Editorial Office
30 Pine Street
Columbia, CT 06237-1516

Show Recap

By David Schultz

KUDOS TO ALL OF THE HELPERS FOR ANOTHER SUCCESSFUL YEAR. The comment was made several times that we have the setup and breakdown to a science. Of course we all know that it is not an exact science. Any hitches were sorted out and the event went fairly smoothly. One visitor commented that our display was better than the Brooklyn Botanic Garden!

- We had 540 visitors sign the lists on Saturday and 340 on Sunday for a total of 872, almost 200 lower than 2010. The publicity in the Hartford *Courant* and Waterbury papers both included color photos with the listing. Thanks to everyone for a job well done.

- The club sales table sold out of our premixed soil very early on Sunday. We could definitely sell more. However, the logistics of making and transporting the soil is the stumbling block. Does anyone have any ideas such as

bringing a truck to the mixing party and then storing the bags to bring to the sale? Or what do you suggest? Talk to **Ken Mosher** or **David Schultz** if you have any idea how to resolve this “bottleneck”.

● For 2012, we will be at the **CocoKey Water Resort Hotel & Convention Center** for a combination show, sale & conference. The Connecticut Cactus and Succulent Society will host the Seventeenth Eastern Cactus & Succulent Conference in conjunction with our Twenty-ninth annual show and sale. Start taking some cuttings, collecting boxes and resting. ○

Upcoming Events

Sunday, May 1: The May meeting will be held at the Torrey Life Science Building in room 154 located at 75 North Eagleville Road, UConn campus, Storrs, Connecticut. (860) 420-7253

1:00 PM
Do Not Bring Chairs
Entrées: A–G
Appetizers/Sides/Salads: H–S
Desserts: T–Z

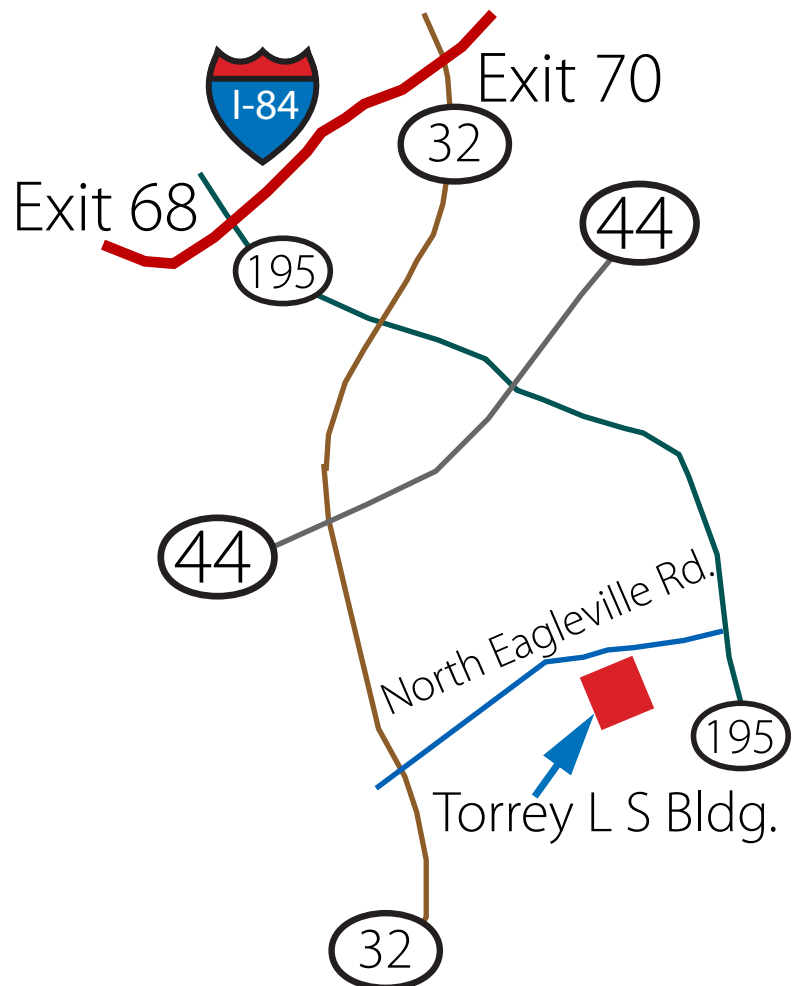
Sunday, June 5: The June meeting will be a field trip to see Fred Kattermann’s world-class collection of Chilean cacti.

Directions to The Torrey Life Science Building at UConn

Get onto I-84 at a convenient entrance. Take Exit 68 onto Route 195 south for c. 7.2 miles. Turn right onto North Eagleville Road. The Torrey Life Sciences Building is a block down the road on the left. A large cemetery is across from the Building. See map at right.

Treasurer’s Report

Income	
Auction Sales	\$1372.00
Club Sales Table	1179.05
Vendor Commissions (to date)	901.25
Dues	588.00
Book Sales	587.00
Refreshments	32.80
Expenses:	
Pizza	\$318.00
April Newsletter	236.24
Refreshments	71.62
Soda	36.11
Connecticut Flower and Garden	
Show Parking	20.00
Total Income (Expense)	\$2211.28
Bank Balance (pending)	



Why I am Interested in Pursuing a Career in Horticulture and Landscaping.

By Rondi Niles

HAVE ALWAYS BEEN ATTRACTED TO BEING OUTSIDE IN NATURE. WHO wanted to be inside doing chores when you could be outside running through the fields?

● I started attending two-week, overnight camps in the woods at the tender age of 6. But I began to have second thoughts about the nature appeal when I had a skunk crawl on top of my sleeping bag—attracted by the punch I had spilled on it—with me in it. However, I survived that episode, as well as bears in the woods during overnight canoe trips. Eventually I went on to be a Girl Scout camp counselor leading younger campers.

● So what possessed me to get my original degree in Computer Science, an indoor career, I will never know. I guess I liked the challenge of solving puzzles, a part of creating computer programs and web sites. But on weekends—when not on call if a system went down—I kept the outdoors theme alive by joining the Appalachian Mountain Club and participating in long hikes.

● Eventually though, I found the world of gardening, and as I discovered the spiritual aspects of nature, the tug became stronger towards that world than computers.

● After getting my Master Gardener certification several years ago, I decided to make the permanent switch. First I got some real experience by working in nurseries for a couple of years and getting my Connecticut Accredited Landscape Professional designation. I found I loved working with people and teaching them about the plants—my enthusiasm was conveyed to customers. When the opportunity arose, I became a Master Gardener Coordinator in educating program interns about gardening and helping the public with their gardening issues (pests/diseases). It allowed me to be able to give back through the volunteerism that the program promotes.

● Since the Master Gardener position was only part-time, I decided to pursue my own business as well. I enrolled in a Landscape Design class at Naugatuck Valley Community College and liked it so much that I decided to stay for the entire Horticulture certification program. Along the way I refined my dream business to working with vegetables and herbs, using organic methods, which I had already begun practicing in my own landscape. My business will have a strong focus on education, continuing my desire to help others find joy in their lives through gardening, and

by consulting and helping others to grow and care for edible plants.

● So the end to this long tale is that I started out loving nature and came back around to nature, finding my true passion in life! Should not everyone be so fortunate? had spilled punch on it. However, I survived that episode, as well as the bears in the woods during overnight canoe trips, and eventually went on to be a Girl Scout camp counselor, leading younger campers.

● So what possessed me to get my original degree in Computer Science, an indoor career, I'll never know. I guess I liked the challenge of solving puzzles, a part of creating computer programs and websites. But on weekends (when not on call if a system went down) I kept the outdoors theme alive by joining the Appalachian Mountain Club and participating in long hikes.

● Eventually though, I found the world of gardening, and as I discovered the spiritual aspects of nature, the tug became stronger towards that world than computers. After getting my Master Gardener certification several years ago, I decided to make the permanent switch. I first got some real experience by working in nurseries for a couple of years and getting my Connecticut Accredited Landscape Professional designation. I found I loved working with people and teaching them about the plants, and my enthusiasm was conveyed to customers. So when the opportunity arose, I became a Master Gardener Coordinator educating program interns about gardening and helping the public with their gardening issues (pests/diseases). And it allowed me to be able to give back through the volunteerism that the program promotes.

This article was written by Rondi Niles, a student at NVCC, who entered the CCSS annual essay contest offer to all horticulture students at the college. Her winning essay will earn her \$500.00.

Melocactus Collection for Sale

By David Schultz

THE PRESIDENT OF THE NEW YORK CACTUS AND SUCCULENT SOCIETY, **George Cambracas**, is looking for new home(s) for his *Melocactus* collection. He has hundreds of Melos which are worth hundreds of dollars. He wants to sell them to collectors who will provide a decent home and is not selling to retailers or big box stores. He will "sell cheap" and should be contacted at (718) 706-7196 or by e-mail at rockgjc@aol.com.

Connecticut Cactus and Succulent Society's 2011 Awards

Best In Show Best in Division I

14. *Mammillaria bocasana*
var. "Fred"

John Story

Division 1—Cacti

Class	Number of Exhibits
1. <i>Astrophytum</i>	5
1st - <i>A. ornatum</i>	J Spain
2nd - <i>A. myriopstigma</i>	Loya
HM - <i>A. asterias</i>	Loya
HM - <i>A. capricorne</i>	Loya
HM - <i>A. ornatum</i>	Loya
2. <i>Ariocarpus</i>	5
1st - <i>A. retusus</i>	Loya
2nd - <i>A. asterias</i>	Loya
2nd - <i>A. kotshubeyanus</i>	Bob Smoley
3rd - <i>A. fissuratus</i>	Loya
3. <i>Obregonia, Encephalocarpus, Aztekium</i>	1
2nd - <i>Obregonia macdoughali</i>	Loya
4. <i>Echinocereus, Wilcoxia</i>	1
<i>E. pulchellus</i>	Loya
5. <i>Ferocactus, Homalocephala</i>	6
1st - <i>F. sp.</i>	Diana K. Weiner
2nd - <i>F. potsii</i>	Loya
2nd - <i>F. chrystacanthus</i>	Loya
HM - <i>F. latispinus</i>	loya
HM - <i>F. Sp</i>	Loya
6. <i>Stenocactus (Echinofossulocactus)</i>	5
1st - <i>E. phyllacanthus</i>	K Mosher
2nd - <i>S. riodemayo</i>	Loya
2nd - <i>E. xiphicanthus</i>	K. Mosher
3rd - <i>E. multicostatus</i>	K. Mosher
7. <i>Echinocactus, Leuchtenbergia</i>	3
1st - <i>L. principis</i>	Spain

2nd - <i>E. grusonii</i>	Loya
3rd - <i>E. grusonii - albospinus</i>	Loya
8. <i>Coryphantha, Thelocactus</i>	3
1st - <i>T. reduncispina</i>	Mosher
2nd - <i>T. lophothele</i>	Loya
2nd - <i>C. bumama</i>	Mosher
9. <i>Turbinicarpus, Strombocactus, Pelycyphora</i>	2
2nd - <i>T. pseudomacrochele var. krainzianus</i>	Loya
3rd - <i>T. schmeidickianus</i>	?
10. <i>Pediocactus, Sclerocactus. Epithelantha</i>	0
11. <i>Neolloydia, Echinomastus, Gymnocactus, Escobaria</i>	2
1st - <i>G. viereckii</i>	Loya
2nd - <i>Escobaria sneedii</i>	Loya
12. <i>Mammellaria—single head</i>	5
1st - <i>M. Dixanthocentron</i>	Loya
2nd - <i>M. hageana</i>	Loya
3rd - <i>M. candida</i>	Loya
3rd - <i>M. sp.</i>	Loya
3rd - <i>M. celsiana</i>	Allen
13. <i>Mammillaria—hook-spined, clusters</i>	1
1st - <i>M. bombycina</i>	Loya
14. <i>Mammillaria—clusters</i>	9
1st - <i>M. bocasana</i>	J. Storey
Best in Division, Best in Show	
2nd - <i>M. rahniana 'Superba'</i>	Barad
2nd - <i>M. plumosa</i>	Loya
3rd - <i>M. sp.</i>	Loya
HM - <i>M. plumosa</i>	Spain
HM - <i>M. magnimama</i>	Loya
HM - <i>M. sp.</i>	Lesage
HM - <i>M. plumosa</i>	J. & P. Pawlak
15. <i>Melocactus</i>	3
1st - <i>M. sp.</i>	Loya
3rd - <i>M. longaspina</i>	Loya
HM - <i>M. erythrocanthus</i>	Spain
16. <i>Discocactus</i>	1
2nd - <i>D. bahensis</i>	Loya
17. <i>Ubelmannia, Buiningia</i>	0

18.	Columnar Cacti – <i>Carnegia, Cephalocereus, Cleistocactus, Stenocereus, Espostoa, Myrtillocactus, Neobuxbaumia, Pilocereus, Stetsonia, Trichocereus</i>	5	
	1st - <i>Oreocerus senilis</i>	Loya	
	2nd - <i>Myrtillocactus cochal</i>	Spain	
	3rd - <i>Lemaireocereus thurberi</i>	Loya	
	HM - <i>Browningia hertlingiana</i>	Loya	
	HM - <i>Cleistocactus sp.</i>	Loya	
19.	<i>Opuntiae- Opuntia, Tephrocactus, Pterocactus</i>	5	
	1st - <i>O. invicta</i>	Spain	
	2nd - <i>T. stromboformis</i>	Mosher	
	2nd- <i>Maihueiopsis camachoii</i>	F. Kattermann	
	3rd - <i>O. sp.</i>	Alexis R. Saucier	
	4th - <i>O. microdaisis</i>	Helen Pritchard	
20.	<i>Parodia</i> group, including <i>Notocactus</i>	8	
	1st - <i>N. scopa</i>	Loya	
	2nd - <i>N. magnificus</i>	Loya	
	3rd - <i>N. scopa</i>	Spain	
	3rd - <i>N. haselbergii</i>	Loya	
	3rd - <i>Parodia sp.</i>	Loya	
	3rd - <i>N. sp.</i>	Loya	
	HM - <i>N. tureceyanus</i>	C. Lesage	
	HM - <i>N. buiningi</i>	Loya	
21.	<i>Rebutia, Aylostera, Medioblobia</i>	4	
	1st - <i>R. heloisa X albiflora</i>	Allen	
	2nd - <i>R. perplexa</i>	Loya	
	3rd - <i>R. tarvitaensis</i>	Loya	
	HM - <i>R. mentosa</i>	Loya	
22.	<i>Sulcorebutia, Weingartia</i>	2	
	1st - <i>S. rauschii</i>	Loya	
	2nd - <i>W. sp.</i>	Loya	
23.	<i>Lobivia, Denmoza, Echinopsis, Acanthocalysium</i>	3	
	1st - <i>Medioblobia</i>	Loya	
	2nd - <i>Lobivia arachnacantha</i>	Loya	
	HM - <i>Echinopsis 'Haku Jo'</i>	Loya	
24.	<i>Matucana, Submatucana, Oroya</i>	0	
25.	<i>Eriocyce</i> Group, including <i>Neoporteria, Neo-Chilenia, Horridocactus</i>	14	
	1st - <i>E. tenebrica</i>	Barad	
	2nd - <i>E. transiens</i>	Kattermann	
	2nd - <i>E. esmeraldana</i>	Kattermann	
	2nd - <i>E. ihotzkyanae de soladillo</i>	Loya	
	3rd - <i>Neoporteria krainziana</i>	Loya	
	3rd - <i>E. marksiana</i>	Kattermann	
	3rd - <i>Neochilenia occulta</i>	Mosher	
	3rd - <i>E. odieri</i>	Kattermann	
	HM - <i>Neoporteria setosiflora</i>	Mosher	
	HM - <i>Neochilenia setosiflora</i>	Loya	
	HM - <i>Neochilenia calderena</i>	Mosher	
	HM - <i>E. paucicostatum</i>	Mosher	
26.	<i>Copiapoa</i>	5	
	1st - <i>C. krainziana</i>	Barad	
	2nd - <i>C. humilis</i>	Loya	
	2nd - <i>C. haseltoni</i>	Kattermann	
	3rd - <i>C. dura</i>	Loya	
	3rd - <i>C. eramuphilia</i>	Loya	
27.	<i>Frailea. Blossfeldia</i>	1	
	2nd - <i>F. grahliana</i>	Loya	
28.	<i>Epiphytic Cacti—Disocactus, Epiphyllum, Hatoria, Rhipsalis, Seleapilliformis necereus, etc.</i>	3	
	1st - <i>Lepismium houletianum</i>	Loya	
	2nd - <i>Lepismium cruciforme</i>	Loya	
	3rd - <i>Rhipsalis apilliformis</i>	Spain	
29.	<i>Gymnocalycium</i>	9	
	1st - <i>G. eurypleurum</i>	Loya	
	2nd - <i>G. sp.</i>	Spain	
	3rd - <i>G. sp.</i>	Diana Weiner	
	3rd - <i>G. pflanzii v. albipulpa</i>	Mosher	
	HM - <i>G. amershausri</i>	Mosher	
	HM - <i>G. va.; ancetianum 'Cordoba'</i>	Allen	
30.	Other genera of cacti	0	
31.	Variegated Cacti	4	
	1st - <i>Ferocactus rectispinus</i>	Loya	
	2nd - <i>Melocactus amoensis</i>	Loya	
	3rd - <i>Neowerdermania vorwerkii</i>	Loya	
	3rd - <i>Cameolobivia sylvestrii</i>	Loya	
32.	Crested Cacti	3	
	1st - <i>Mammillaria gemnispina</i>	Loya	
	2nd <i>Mammillaria elongata</i>	Loya	
	3rd <i>Neobauxbaumia euhorbioides</i>	Loya	
33.	Monstrose Cacti	4	
	1st - <i>Echinocereus pentalophus</i>	Bob Smoley	
	2nd - <i>Copiapoa tenuissimum</i>	Loya	
	2nd - <i>Cereus sp.</i>	Loya	
	3rd - <i>Mammillaria bocasana 'Fred'</i>	Loya	
34.	Winter Hardy Cacti	0	

BEST IN DIVISION I

26. *Copiapoa krainziana* Barad

DIVISION II—SUCCULENTS

Crassulaceae

35. *Crassula* 4
 1st - *C. 'Buddha's temple'* Loya
 2nd - *C. 'Morgan's Beauty'* Loya
 3rd - *C. falcata* Loya
 HM - *C. Sp.*, variegated Loya
 HM - *C. argenta* 'Gollum' J. Pawlak
36. *Adromiscus* 2
 1st - *A. herrei* Loya
 2nd - *A. cristata* Loya
37. *Aeonium, Sempervivum, Orostachys, Greenovia, Aichryson* 2
 1st - *Orostachys iwarenge* Barad
 2nd - *Aeonium subplanum* Loya
38. *Cotyledon, Tylecodon, Kalanchoe* 5
 1st - *T. Singularis* Opel
 2nd - *Tylecodon buchholzianus* Loya
 3rd - *Tylecodon pearsonii* Loya
 3rd - *T. peculiaris* Opel
 3rd - *Kalanchoe rhombopilosa* Spain
 HM - *Kalanchoe thyrsifolia* Loya
39. *Echeveria* 5
 1st - *E. elegans* Barad
 2nd - *E. 'Perle von Nurenberg'* Loya
 3rd - *E. hybrid* Loya
 HM - *E. sp.* Loya
 HM - *E. renyonii* Lesage
40. *Pachyphytum, Graptopetalum, Tacitus* 1
 1st - *Tacitus bellus* Allen
41. *Dudleya* 1
 2nd - *D. brottonii* Loya
42. *Sedum* 2
 1st - *S. sp. crested*—hardy Loya
 2nd - *S. x 'Little Gem'*
43. Other genera of *Crassulaceae*—*Monanthes Monanthes muralis, Sinocrassula, etc.* 1
 1st - *Monanthes polyphylla* Barad
- Mesembryanthemaceae*
44. *Lithops, Dinteranthus* 2
 1st - *L. leslisi v. venterii* Matt Opel
 2nd - *L. schwantesii* J & P Pawlak
45. *Argyroderma, Fenestraria, Gibbeum, Lapidaria, Pleiospsis, etc.* 7
 1st - *Muria Hortensie ssp. gibbeum album* Opel
 2nd - *Gibbeum praetense* Opel
 3rd - *Frithia pulchra occidentalis* ?
 3rd - *Lapidaria margarethae* Opel
 HM - *Fenestraria rhopalophylla* Opel

46. *Conophytum* 9
 1st - *C. bufenestratum* Opel
 2nd - *C. maughanii* Opel
 2nd - *C. brunneum* Opel
 3rd - *C. turrigerum* Opel
 3rd - *C. bolusae* Opel
 3rd - *C. hians* ?
 HM - *C. pellucidem* Opel
 HM - *C. burgeri* Opel
 HM - *C. irinae* Opel
47. Other *mesembs*
- 47a. Shrubby types—*Rauschia, Delosperma, etc.* 2
 1st - *Trichodiadema buulbosum* Loya
 2nd - *Brownanthis pubescens* ?
- 47b. Rough toothed leaves—*Aloinopsis, Faucaria, Titanopsis* 1
 1st - *Faucaria tigrina* Opel
- 47c. Other—*Monilaria, Cheiridopsis, Mirtophyllum, Glottisphyllum* 5
 1st - *Mitrophyllum grande* Opel
 2nd - *Glottiphyllum oligocarpum* Opel
 3rd - *Cheiridopsis peculiaris*, dwarf form Opel
 3rd - *Psammophora longifolia* Opel
 3rd - *Bergeranthe jamesii* Allen

Euphorbiaceae

Euphorbia species endemic to Madagascar

48. *Millii* type—*millii, duranii, beharensis, horombensis, delphinensis, etc.* 4
 1st - *E. sp* Allen
 2nd - *E. capuroni* Loya
 3rd - *E. millii sp.* Loya
 3rd - *E. milli* variegated Loya
49. Stem type—*lophogona, viguieri, leuconeura, perrieri, stenoclada, pachypoidiodes, etc.* 2
 1st - *E. neohumbertii* Loya
 3rd - *E. perrieri elongata* S Volpe
50. Thickened root or caudex type—*decaryi, capsaintmariensis, francoisii, cylindrafolia, etc.* 7
 1st - *cylindrifolia v tuberifera* Allen
 2nd - *E. cylindrifolia* Schultz
 2nd - *E. decaryi* Volpe
 3rd - *E. capsaintmariensis* Spain
 HM - *E. francoesii* Volpe

Euphorbia species NOT endemic to Madagascar

51. Medusae-head type - *caput-medusae, gorgonis, decepta, esculenta, pugniformis, flanaganii, etc.* 0

52. **Caudiciform type—***stellata, micrantha, tortirama, squarosa, knuthii, groenwalsii, tubersoa, etc.* **3**
 1st - *E. sp.* Allen
 2nd - *E. groenwaldii* Volpe
 3rd *E. squarosa* Spain
53. **Stem type (solitary or clustering) –** *polygona, fasciculata, obesa, suzannae, mammillaris, abdelkuri, columnaris, stellaspina, etc.* **3**
 1st - *E. pisciformis* (grafted) B Smoley
 2nd - *E. horrida* Spain
 3rd - *E. wonderlate* 'Snow Flake' Loya
54. **Shrub type—***cooperii, cactus, grandicornis, pseudo-cactus, poisonii, weberbauerii, etc.* **5**
 1st - *E. heptagona* Loya
 2nd - *E. bulbosa* Loya
 3rd - *E. squarossa* Loya
 3rd - *E. knobellii* Loya
 HM - *E. tirucali*—red form Loya
- Other genera of Euphorbiaceae**
55. **Monadenium, Synadenium** **2**
 1st - *M. ritchei* John Story
56. ***Pedilanthus, Jatropha, etc.*** **0**
- Aloaceae**
57. ***Aloe*** **12**
 1st - *A. hybrid* 'DZ' Barad
 2nd - *A. erinacea* Loya
 2nd - *A. hybrid* 'Gargoyle' Barad
 3rd - *A. hybrid* 'Partridge' Spain
 3rd - *A. richardsiae* B Smoley
 3rd - *A. hybrid* 'Pink Blush' Schultz
 HM - *A. sp.* Loya
 HM - *A. haemanthifolia* Opel
 HM - *A. hybrid* 'Dorian's Black' Schultz
58. ***Haworthia* (single plant)** **5**
 1st - *H. pumila* B Smoley
 2nd - *H. emelae* Volpe
 3rd - *H. bolusii* Loya
 3rd - *H. blackburniae* Spain
 HM - *H. blackbeardiana* Loya
59. ***Haworthia* (clumps of plants)** **5**
1st - *H. cooperi pilifera* John Storey & Diana Weiner
 2nd - *H. hybrid* Barad
 3rd - *H. viscosa* Loya
 3rd - *H. magnifica* Loya
 HM - *H. venosa* Opel
 HM - *H. nigra* Schultz
60. ***Haworthia* (columnar)** **2**
 1st - *H. viscosa* J & P Pawlak
 2nd - *H. sp.* Loya
61. ***Haworthia*—hybrids** **6**
 1st - *H. splendens* x *emelyae* v. *soutshdra* Volpe
 2nd - *H. splendens* x *emelyae* v. *major* Volpe
 2nd - *H. (splendens* x *y* x (*splendens* x *emelyae* v. *major*)) Volpe
 3rd - *H. Complex hybrid* Volpe
 3rd - *H. Complex hybrid* Volpe
 HM - *H. korizato* Volpe
62. ***Gasteria*** **5**
 1st - *Gasteria* x *Haworthia* Lasage
 2nd - *G. armstrong* Loya
 2nd - *G. armstrong* Loya
 3rd - *G. batesiana* Loya
 3rd - *G. sp.* Spain
63. **Other genera of Aloaceae** **0**
- Asclepiadaceae**
64. ***Stapelieae, Orbea, Caralluma, Huernia, Stapelianthus, Piaranthus, Echidnopsis, etc.*** **4**
 1st - *Huernia sp.* Loya
 2nd - *Stapelia scitula* Mosher
 3rd - *Huernia sp. crest* Mosher
 HM - *Stapelia asterias* Mosher
65. ***Hoodia, Trichocaulon, Pseudolithos, Whitsloanea*** **2**
 1st - *Whitesloanea crassa* Loya
 2nd - *Hoodia gordonii* Loya
66. ***Fockea, Brahystelma, Raphionacme, Peptopentia*** **1**
 1st - *Fockea edulis* Allen
67. **Other Asclepiadaceae—*Hoya, Ceropegia, Dischidia, etc.*** **0**
- Asphodelaceae**
68. ***Bulbine*** **0**
- Hyacinthaceae**
69. ***Albuca, Boweia, Massonia, etc.*** **3**
 1st - *Bowiea volubilis* Lasage
 2nd - *Lachenalia patula* Opel
 3rd - *Massoniadepressa* Spain
- Agavaceae**
70. ***Agave*** **4**
 1st - *A. potatorum* Barad
 2nd - *A. stricta* Loya
 3rd - *A. stricta nana* Loya
 3rd - *A. shindigeri* Loya
71. ***Furcraea, Hesperaloe, Yucca, etc.*** **0**

93. **Crested** 5
 1st - *Euphorbia lactea*—variegated Loya
 2nd - *Euphorbia obesa cristata* Scarpa
 3rd - *Echevaria pulvinata* 'Frosty' Allen
 3rd - *Euphorbia lactea cristata* Dan Downey
94. **Monstrose** 1
 1st - *Gasteria* sp. Loya
95. **Winter hardy succulents** 0

Best in Division II

59. ***Haworthia pilifera***
 John Storey & Diana Weiner

DIVISION III—Special Exhibits

96. **Bonsai** 3
 1st - *Trichodiadema bulbosum* Loya
 2nd - *T. densusum* Spain
 3rd - *Potulacaria afra* Hansen
97. **Collections—5 to 15 plants of one genus or common characteristic (all plants must be properly named)** 4
1st - Copiapoa Moshier
 2nd - *Parodia* Sullivan
 3rd - no plant names Hansen
98. **Miniature—a mature plant—with inside pot diameter less than 3 inches** 3
 1st - *Haworthia pygmaea* Spain
 2nd - *Andromischus marianae* Sullivan
 3rd - *Mammillaria* Hansen
 HM - *Haworthia* M Lazarus
99. **Dish Gardens or Troughs—all plants must be properly named** 5
 1st - Sullivan
 2nd - Sullivan
 3rd - Sullivan
 HM - Kathy Wandelmaier
 HM - M Lazarus
1st - *Rhipsalis teres* Trena Shaptar
 3rd - *Opuntia monacanthus* var. Kathy Wandelmaier

Best in Division III

97. ***Copiapoa*** Moshier

DIVISION IV—Novice Growers

First time exhibitors—Novice and Junior through high school

100. **Cacti** Noviceh
101. ***Cacti*—Junior** 0
102. **Succulents other than *Cacti*—Novice** 5
 1st - *Ledebouria socialis* Wandelmaier
 2nd - *Haworthia fasciata* Shaptar
 3rd - *Haworthia limifolia* Shaptar
 HM - *Kalanchoe tomentosa* Shaptar
 HM - *Gasteria brachyphylla* Shaptar
103. **Succulents other than cacti—Junior** 0
104. **Dish Gardens or Troughs—Novice** 1
105. **Dish Gardens or Troughs—Junior** 0
106. **Group of plants by school, class, or other organization** 0

Best in Division IV

100. ***Rhipsalis teres*** Shaptar

EDUCATIONAL EXHIBITS

107. **Walnut Hill Greenhouse
 CSSA Special Award**