

The Georgia Daylily

REGION 5 2019 AWARD OF MERIT WINNERS



H. 'Blazing Cannons' (Waldrop, 2013)
Bill Waldrop Photo



H. 'WYSIWYG' (Elliott-S., 2012)
Claude Carpenter Photo



H. 'Mayor of Munchkinland' (Herrington-T., 2010)
Claude Carpenter Photo

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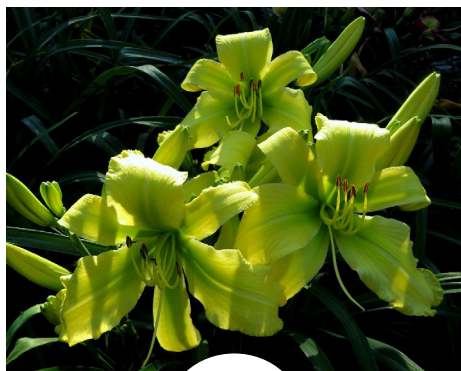
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The Georgia Daylily

Submissions on the following topics are invited.

Articles on Daylilies

Articles about Gardens in Region 5

Articles about Hybridizers or Hybridizing

Articles on Daylily Culture

Articles about Humor

Articles on Photography

Scientific Studies about Daylilies

Articles about Daylily Personalities

Youth Articles

Club News and Events

Send Submissions to:

Claude Carpenter, Editor
6075 Vickery Point
Cumming, GA 30040
(678) 469-4731
claudecarpenter@comcast.net

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Fall	July 1
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Front Cover:

Region 5 Hybridizer's three Awards of Merit in 2019

Back Cover:

Collage of scenes from the Fall 2019 AHS Region 5 Meeting (Photos by Claude Carpenter)

Regional President's Report

Joann Stewart



Hello, Everyone,

Yay!! Cooler weather; I doubt anyone enjoyed the protracted heat at summer's end. When calendar pages turn to autumn, there are natural expectations of cooler, wetter weather; and as I write, 50% is true. No rain yet in 'deepest darkest Watkinsville,' but the temperature drop is SO welcome. I have friends who call autumn and winter 'daylily dream time.' Taking stock of what worked and what didn't, figuring out what changes to make, and with luck having a few months to chip away at 'getting there' - it's wonderful. I've been lucky this fall in keeping the garden weed free and tackling a few very minor projects (bumping up irrigation coverage and thwarting armadillo), but if my life depended on it, I doubt I could get a shovel into the ground: it's as hard as a brick.

As my term winds down, I owe a debt

of gratitude to many people, but I want to give special credit to Barbara Kirby. As you know, Barbara was our Regional President, then our Regional Director, and has continued to be a stalwart supporter of Region 5. We've been so lucky to have Barbara as our mentor and guide, and I don't know what we'd do without her. I hope someone will register and name a daylily 'Hats Off to Barbara', because she deserves permanent recognition not only for her contribution to Region 5, but also to AHS as a whole. Scott Elliott, our present director, has been unwavering in his dedication to putting Region 5 in the forefront of AHS, and so generous with his time, talent, and expertise. My grateful thanks are extended to him as well, and to Treasurer Jack Rigsby, Region 5 Vice President David Bishop, and to Doris Bishop, our regional secretary. Have you noticed that David and Doris are always up and ready when there's a job to be done? I've enjoyed working with everyone on the board, and my appreciation knows no bounds. Other 'unsung' heroes include those who worked on committees during the past two years, and/or have a permanent 'regional job'. THANK YOU ALL!

As you're aware if you attended the fall regional, we had an auxiliary sale table for plant donations (primarily companion plants/seed, but with a few daylilies too), with proceeds dedicated to The Georgia Daylily. Why? Printing costs have risen to

the point that each regional member has an annual 'shortfall' of about \$20. (That's how much extra, per person, it costs to give us a print copy of *The Georgia Daylily* over the revenue we receive.) We're lucky that our regional plant auctions and sales table yield some cash for the region, but it's still not enough: this year our total shortfall was between \$5k and \$6k - so we need to be creative in coming up with extra proceeds. *The Georgia Daylily* is an acclaimed winner and deserves our support. Next summer, please be thinking about what YOU, as a Region 5 member, can bring to that 'dedicated' table in the autumn. We had fun seeing what people brought, and very few items went back home with members.

Overall, Region 5 seems healthy and vibrant, but there is always room for improvement. While we're all 'taking stock' in our gardens this fall and winter, why not also take a look at what might be improved in Region 5? Ideas and input are welcome, so please - contribute! Any suggestions can be sent to me at this address; and since I'm an outgoing officer as of December 31, I'll be sure to share those with James Fennell, your new incoming regional president. He'll do a fine job for us, and I wish him the best of luck.

Regards to all,
Joann Stewart

RPD's Report

David Bishop



While we are all happy that the temperatures have cooled off and we feel

energized by that change, we wonder how to energize our local daylily club. While I have no magic wand, there are some things observed by going to different club meetings. I encourage each of you to put methods used by your club to engender more participation by club members into your club reports and the Region 5 Facebook page. That suggestion might or might not work for our club, as they all are made up of different personalities.

Our local club has attempted certain ideas gleaned from other clubs. Some have worked well, others abandoned because they did not work in our club. Sometimes you do not know until you try it, and it may

take more than one attempt. Some things can be tweaked to fit your club better.

Our local club instituted a Members Activities Reward System (MARS) several years ago. I'm sure that the idea was taken from some other club, but it's not remembered. Other clubs' points charts were studied and a hybrid one emerged to fit our club. It gets tweaked every year or two to fit changing situations. It's a good way to encourage participation in club activities. Also, remember that it is just points that are being bid. One year I was upset that some daylilies were being won

(continued on next page)

Regional Director's Report

Scott Elliott



Greetings Region 5 Members,

Bylaws: You will be receiving a copy of the proposed changes to the AHS Bylaws in your next issue of the *Daylily Journal*. Please take time to read it over and send in your vote either approving or denying the proposed changes. Most of the changes have to do with appointing directors in regions not electing a director, or where no one in a region is willing and qualified to serve.

Garden Judges: All applications for appointment as a garden judge will now be sent directly to the Garden Judges' Records Chair. In the past, applications were sent to the Regional President, who then forwarded them to the records chair. This change will speed up the process of

appointment.

Online auction: Once again, AHS will be holding an online auction to raise assets for the General Fund. This year, we will be using our own online auction site, rather than holding the auction on Facebook. The auction will be held Sunday, January 12 to Sunday January 18, 2020. Look for announcements in your email and online for details about items up for auction as they become available.

Donations are needed for the auction from Region 5 members. Each region is responsible for donating a minimum of two auction items. Items can vary in values from \$20-30 on up into the thousands. In the past, people have donated things like garden art, vases, visits to hybridizer gardens, stays in vacation houses and timeshares, tickets to events, etc. Most items will be accepted. If donating daylilies, it was decided to limit it to small, themed collections, usually from a hard-to-find hybridizer. Please contact me for more information.

New book coming out: Rhonda Veroeven, Windsor, WI, and I are authoring a new book for AHS called *Hybridizing 101*. This will be the first in a short series of books on hybridizing, beginning with the basics and extending to the latest cutting-edge

techniques and methods.

Claude Carpenter: A special thank you to Claude Carpenter for his work as AHS Awards and Honors chair for the past two years. Claude is retiring from that position to take over as Garden Judges' Records Chair.

Region 5 membership: Membership currently stands at 500. This is up 14 from last year and continues our slow, upward trend.

National Conventions: Remember the upcoming national convention in Savannah, May 24-27. A registration form is in this issue of *The Georgia Daylily*. You may also visit www.ahs2020national.com to register online. Please use the phone number provided online or on the registration form to make your reservations. If you call the hotel directly, they will not know about the discounted rate and will tell you that all the rooms are sold out.

Future conventions are now confirmed in Hattiesburg, MS, for 2021 and Asheville, NC, for 2022. Announcements are upcoming regarding the location of the 2023 convention.

Scott

RPD's Report (cont)

for a low amount of points. Then I realized that it was only points, not money. One of our talented members designed "MARS BARS" so that we can give out that "money" to members according to how many they had earned. For years we purchased only older, cheaper daylilies to be auctioned. The purpose was to reward those newer members with fewer daylilies. Then it was realized that the members with the most points already had most of those cultivars if they wanted them still. So, some more recent introductions were ordered for them after asking what each of them wanted. Actually, they were asked for a list to choose from, with no guarantee that those would be in the auction. Some could not be found to purchase, or they were

extremely expensive. The ideal might be to purchase some older and some newer. The main purpose is to encourage members to participate in club activities. One observation is that everyone has a different level of dedication to an institution. Some will do things above and beyond what others do. We wish to encourage members to do more by rewarding them.

Another thing you might consider is to establish a "Board of Advisors" to ask opinions of and to help make decisions. Many clubs have some form of that. It creates more democracy. Nothing turns people off much more than thinking that their opinions count for nothing. One or two people making all of the decisions

does not take into account what the majority actually wants. Sometimes they are right, other times, not so much. Many people will not speak up at a meeting but might express their opinions in an anonymous survey or suggestion box. Please include some people in your Board who do not automatically agree with everything that is said. A hopelessly split group on everything is not the goal, but to get dissenting opinions on issues.

If you have ideas about how to get more participation in what a daylily club is doing, please share them with others.

David

AHS Region 5 Secretary's Report

Doris Bishop



Region 5 Fall Meeting Minutes

The Fall Meeting of Region 5 of the American Hemerocallis Society was held October 5, 2019, at the Flint EMC Community Service Center in Warner Robins, Georgia, beginning at 9:50 a.m. The Region 5 meeting was called to order by Region 5 President Joann Stewart, and extended a welcome to all attendees and special recognition to the six first-time attendees and two second-time attendees.

Roll Call by Club

#Present (Led by Doris Bishop)

Albany Daylily Society 9
Central Georgia Daylily Society 5
Chattahoochee Valley Daylily Society 5
Cobb County Daylily Society 14
The Daylily Society Of Greater Atlanta 10
The Daylily Society Of Greater Augusta 0
Dublin Hemerocallis Society 15
Heart Of Georgia Daylily Society 5
Middle Georgia Hemerocallis Society 19
North Georgia Daylily Society 0
Northwest Georgia Daylily Society 11
Ogeechee Daylily Society 8
Savannah Daylily Society 0
South Georgia Daylily Society 0
Southwest Georgia Daylily Society 0
Valdosta Hemerocallis Society 13

Secretary's Report

Minutes of the Region 5 Spring Meeting were unanimously approved as printed in the last issue of *The Georgia Daylily*. Motions for approval were made by Jack Rigsby and Joe Watson, respectively.

Treasurer's Report

Region 5 Treasurer Jack Rigsby reported that the current balance is \$28,177.22. The balance is down because of the printing cost of *The Georgia Daylily* which is one of the best newsletters in the AHS. Jack shared

that he has received reports of slow mail delivery and some issues ripped.

Director's Report

Region 5 Director Scott Elliott reported that online judges education will continue with Garden Judges I Workshop October 14, Exhibition Judges I Clinic October 15, and Exhibition Judges III (Refresher) October 30. Scott now has the approval to purchase the online seminar program. Any garden judge or exhibition judge instructor can offer online classes beginning January 1. The exceptions are Garden Judges II and Exhibition Judges II because daylilies are needed for these classes.

2020 AHS National Convention Report

Sue Cliett, Co-Chair of the 2020 National Convention, gave an update. Convention registrar Faye Hulst is at today's meeting with registration forms and will take your form and payment. The Ogeechee Daylily Club which is hosting this convention is a small club, and needs lots of help. Sue has a sign up sheet at today's meeting for those who can help. Help is needed for digging, trimming, washing, and labeling daylilies at the Joiner and Elliott gardens beginning on Friday plus lots of other small jobs. Helpers are asked to sign the sheet and provide contact information. Sue wants to have all jobs assigned by April. Help will also be needed for deadheading and live heading in the tour gardens the day before the tours. There is a job for everyone! Sue gave an update on Jan Joiner's progress since her accident. Jan is improving but is still having tests run. Jan continues to look for Joiner daylilies to add to their garden. Scott interjected that 101 people have registered; and the convention cutoff is 450. Be sure to reserve a hotel room early, or else the rooms at the convention hotel may fill up. The next closest hotel is over three blocks away and will most likely be more expensive.

Region Publicity Director Report

Region Publicity Director David Bishop announced the Region 5 awards recognized at this year's AHS National Convention:

Youth Photography Award

Hans Herrington photo of H. 'Calypso Green'

Award Of Merit

Will Marchant for H. 'Viva Glam Girl'

Tim Bell for H. 'Linda Bell'

Scott Elliott for H. 'Wild Man George'

Honorable Mention

Bill Waldrop for:

H. 'Opa Klaus'

H. 'Kennesaw Crossfire'

Mary Netherton for:

H. 'Wayne And Coral's Love'

Jim Netherton for:

H. 'Shining Mission'

Nancy Eller for:

H. 'Memories Of Treva'

H. 'Defying Serenity'

Tim Bell for:

H. 'Love God's Way',

H. 'Driving Miss Henrietta'

H. 'Rachel Leigh Bell'

H. 'Jared Timothy Bell'

Scott Elliott for:

H. 'Tim Herrington'

Ida Munson Award (First place)

Scott Elliott for H. 'Sebastian On Steroids'

Ida Munson Award (Second place)

Tim Herrington for H. 'Honey Crunch

Cupcake'

Annie T. Giles Award (Second place)

Jim Netherton for H. 'Winning Praise'

Don C. Stevens Award (Second place)

Tim Herrington for H. 'One Eye Willie'

Eugene S. Foster Award (Second place)

Tim Herrington for H. 'Strawberry Cream

Cupcake'

Donn Fischer Memorial (Third place)

Katusie Herrington for H. 'Grandpa's Little

Sweetheart'

Georgia Doubles Appreciation Award

Tim Herrington for H. 'Raspberry Ripple

Cupcake'

Florida Sunshine Cup (Third place)

Tim Herrington for H. 'Raspberry Ripple

Cupcake'

Newsletter Awards: Best Scientific Article

Bill Waldrop for "Converting H. 'Elfin

Reflection"

Best Article About Hybridizer

Tim Herrington for "Jan Joiner, the Person

and the Hybridizer"

Best Use of Humor

Tim Herrington (AKA N. A. Shucks) for

"Saturday Afternoon Skit in Alpharetta"

2019 Popularity Poll Results

(Fewer votes this year than the past two years.)

1. H. 'Dorothy And Toto' 45 votes
2. H. 'Everybody Loves Earnest' 33 votes
2. H. 'Heavenly United We Stand' 33 votes
2. H. 'Sebastian The Crab' 33 votes
5. H. 'Blazing Cannons' 32 votes
6. H. 'Lava Flow' 30 votes
6. H. 'Mayor Of Munchkinland' 30 votes
8. H. 'Mary's Gold' 27 votes
9. H. 'Opa Klaus' 26 votes

The Georgia Daylily

Secretary's Report (cont)

- 10. H. 'Big Kiss' 24 votes
- 10. H. 'Tim Herrington' 24 votes

2019 Georgia Hybridizer's Award

Mary Netherton for H. 'Wayne And Coral's Love'

Achievement Medal winners

- Scott Elliott 14 medals
- Dominique Elliott 2 medals
- Jim Mullins 1 medal

The Georgia Daylily (How To Fund It)

The Georgia Daylily Companion Plant Table debuting at today's meeting is Joann Stewart's idea of one way to raise money to help with the publication costs of our region newsletter while at the same time paralleling today's program to be given by Tim Bell on using companion plants in the garden. Joann explained that *The Georgia Daylily* costs about \$3000 per issue. There are 450 members in Region 5. Our region receives less than \$1 per person from our AHS dues. A few Region 5 clubs give money to *The Georgia Daylily*, and sometimes clubs that host a spring regional have donated money. The bottom line is about \$20 per person per issue is missing for publication costs. Proceeds from this companion plant table could help offset the publication costs. Joann asked the group if this is something that we want to do again next year, and the response was "Yes!" She encouraged everyone to begin early next year potting companion plants and also daylilies for next fall's table. Joann said that she hopes this companion plant table will become the highlight of the fall meetings.

Claude Carpenter, editor of *The Georgia Daylily*, said that we could go to two printed issues and one electronic issue if enough revenue is not raised. Printing costs have increased. He has comparison priced printing and found that the region is already getting the best prices. Another way to raise money is for hybridizers and daylily growers to buy ads in the newsletter. A full page ad is \$125, half page \$75, and quarter page \$50.

RPD David Bishop announced a new Region 5 program that mimics a similar program highlighted in each issue of *The Daylily Journal*. Our region is now accepting monetary donations "in honor of" and "in memory of" those who want to honor or memorialize special people in Region 5. Both the person honored or memorialized and the donor will be recognized in *The Georgia Daylily*. More information will be in *The Georgia Daylily*

forthcoming about this new program.

This discussion helped to enlighten the attendees that funds are decreasing and why. As Joann stated, "We are not in trouble yet, but we want to prevent getting there."

The Georgia Daylily deadline for submissions to Claude Carpenter is November 1.

Georgia Hybridizer's Award

Mary Netherton received an engraved plaque for her introduction H. 'Wayne And Coral's Love.'

Tom Wise Award

This award is designed to honor the 'behind-the-scenes' workers who always quietly contributed but seldom received any formal recognition for their work. The 2019 recipients have been members of Region 5 for twenty-two years, are exhibition and garden judges, have opened their garden to region and club tours, have donated many daylilies to their local club and the region, worked with Region 5 youth, and coordinated the region's photography contest. This year's winners are Janie and Winfred Huff. Thank you for your service to Region 5.

Around the Region

Barbara Kirby thanked everyone who came to the Spring Regional in Middle Georgia. She also announced that Pat Bonner is needing a physical therapist who will go into the nursing home to work with Ron. Please keep Pat and Ron in your prayers.

Mark Franklin announced that Daylily Society of Greater Atlanta member Harold Verner died recently. For those wishing to send condolences, please remember that he was a big proponent of St. Jude Hospital.

Dennis Calbreath Photography Contest

Formerly known as the Tom Fletcher Photography Contest, the new contest name was changed to honor the memory of Dennis Calbreath, a former DSGA member who for years coordinated the photo contest. This year's photo contest coordinator Winfred Huff explained the criteria for judging and the five classes of photos. There were 122 entries submitted from eleven entrants. Each entrant could submit a total of twenty-five photos. The judges were Mike Newman, Matt Caporale, and Palmer Haffner.

The winners of each class:

Single Bloom—Bill Waldrop (red double

seedling)

Multiple Bloom—John Solomon (H. 'Castle Cotton Candy')

Clump Blooms—Claude Carpenter (H. 'Stephen Smith')

Landscape—Claude Carpenter

Nature—Claude Carpenter

The overall winner of the Dennis Calbreath Photography Contest for 2019 was Claude Carpenter for "Frog in A Groovy Kind Of Love." Each first place winner received a monetary award. Any constructive input for improving the contest should be submitted to Winfred Huff or Mark Franklin. Winfred is working on the best ways for submitting images to him. One way is sending as a file. The Region 5 Facebook Page has the guidelines for this contest which were also published in *The Georgia Daylily*. The deadline for entries each year is September 1.

Barbara Kirby introduced Jessica Clinard and Sonja Canty of Wynn's Daylily Garden, who provided the Bargain Table daylilies for today's meeting. Thank you, Jessica and Sonja!

Barbara introduced Tim Bell, today's guest speaker and hybridizer. She shared a special memory of Tim and thanked him for all he has done for Region 5. Tim's presentation on "Companion Plants In The Daylily Garden" was only a brief view of his beautiful daylily garden near Sycamore, Georgia. Tim began his presentation saying that gardens need other flowers than just daylilies and that he thanks God that he can make a living doing what he enjoys. In addition to showing how he uses other perennials, annuals, and bulbs in his garden, he showed pictures of select seedlings that may become future introductions.

Once Tim's presentation concluded, the meeting attendees enjoyed a catered lunch provided by Georgia Bob's BBQ. An auction of daylilies and other donations followed lunch. Thank you to all who donated daylilies and other items for auction. Meeting was adjourned.

Respectively submitted,
Doris Bishop
Region 5 Secretary
October 30, 2019

AHS Region 5 Treasurer's Report

Jack Rigsby



AHS REGION 5 TREASURER'S REPORT 7-16-19 Thru 10-31-19

Balance Forward 7-16-19		\$ 31,584.08
Income		
Fall Regional Meeting - Plant & Speciality Items Sale	491.00	
Fall Regional Meeting - Bargain Plant Sales & Petty Cash Returned	1,145.00	
Fall Regional Meeting - Auction Plant Sales (Checks & Cash)	2,435.00	
Fall Regional Meeting - Auction Plant Sales (Credit Cards)	972.48	
Fall Regional Meeting - Subscription GA Daylily (Out of State)	20.00	
Fall Regional Meeting - Registrations	1,200.00	
Photography Awards Support - Daylily Society of Greater Atlanta	200.00	
Fall Regional Meeting -Donations <i>The Georgia Daylily</i>		
North Georgia Daylily Society	70.00	
Daylily Society of Greater Atlanta	100.00	
Private Individual	250.00	
	6,883.48	
Total Income		6,883.48
Expenses		
Newsletter Expenses		
Albany Word Processing Company -Fall 2019 Edition GA Daylily	271.75	
Sundance Press Printing -Fall 2019 Edition GA Daylily	2,633.11	
AHS Region 5 Editor <i>The Georgia Daylily</i> Fall 2019	500.00	
Fall Regional - Petty Cash - Plant Sales	250.00	
Regional Photography Awards	200.00	
2019 Fall Regional Meeting - Luncheon Expenses	791.73	
2019 Fall Regional Meeting - Coffee, Refreshments &, Misc.	63.40	
2019 Spring & Fall Reg .Mtgs - Lineman for Little Ones Xmas - EMC Flint Energies	400.00	
2019 Fall Regional Meeting - Plant Sales Splits	1,211.50	
Subtotal	6,321.49	
Other Regional Expenses		
2019 Fall AHS Board of Directors Meeting - Travel Reimbursement	500.00	
2019 Regional Trophies	110.16	
Administrative Expenses - US Postage Stamps	27.50	
Subtotal	637.66	
Total Expenses		6,959.15
Balance as of 10-31-19		\$ 31,508.41



Meet James Fennell Region 5's New President

Presently, I am not pastoring a church but continue in the ministry as an Interim/ Supply Pastor and Evangelist/Teacher.

We grow about 1800 registered cultivars plus about 750 seedlings.

Where do you live?

Louise and I live in Haynesville, which is about half way between Perry, and Hawkinsville, Georgia.

Briefly tell us about your family (spouse, any children, pets, etc.).

My wife, Louise, and I have been married for 50 years and have two children, six grandsons, one granddaughter, and one great-grand daughter.

At what jobs have you worked?

My career can best be termed as being bi-vocational. During my career I pastored four different churches and worked in the Public School System. After retiring from the Wheeler County School System in 2007, Louise and I bought a tire shop in Hawkinsville that we continue to own.

Where did you grow up?

I grew up in rural South Georgia on a farm near Baxley.

How long have you grown daylilies?

I started growing daylilies in 1982 with the purchase of 5 fans at \$1.00 each, one of which we still grow, 'Russian Rhapsody' (Munson-R.W., 1973).

What got you started with daylilies?

I've had a love for all kinds of flowers as far back as I can remember. The thing that first attracted me to daylilies was seeing a mass planting of daylilies in various colors and forms in a roadside garden. Then the addiction began. As I began with daylilies, I found that they were relatively easy to grow, maintain, and relocate.

How many DLs do you currently grow?

What are your favorite types of DLs- form, color, size, other traits?

I like all forms, colors, and sizes with special interest in smalls, doubles, and patterns. One of the primary things that I look for in a daylily is balance.

With what clubs are you associated, and for how many years?

I am a member of the Middle GA Daylily Society (for about 25 years) and the Dublin Daylily Club (for about 5 years).

What do you like about Daylily clubs and their activities?

Daylily clubs give me the opportunity to be with daylily people, attend, and participate in shows. I like Daylily Club meetings where people of like mind can hear more about daylilies and share experiences with others.

What do you like about AHS Region 5?

The people, the shows, regional meetings and tours, and teaching judging workshops!

What would you like to see improved in Region 5?

I would like to see more membership involvement in Region activities.

What offices/positions do you currently hold in Region 5? Held in the past?

I have served as President and 1st Vice-President of MGHS.

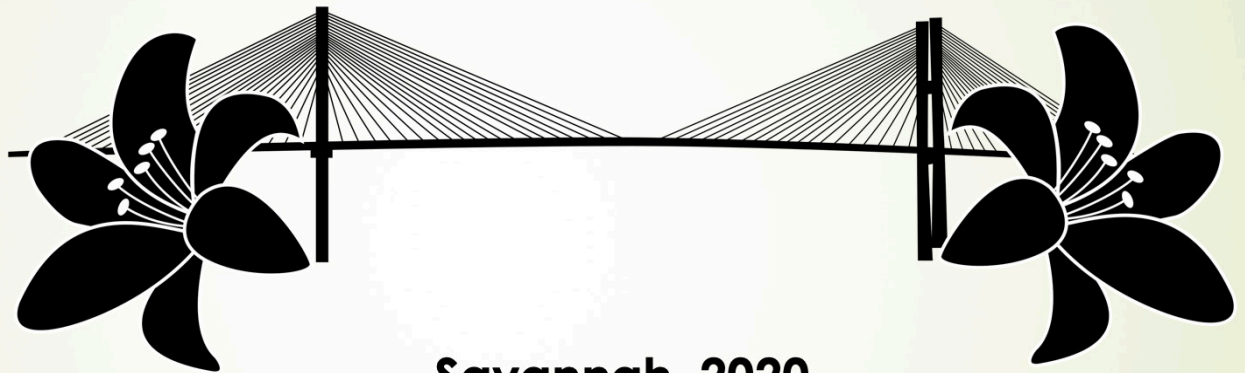
What offices/positions do you currently hold in the AHS? Held in the past?

Regional President Elect for Region 5 for the 2020-2021 term.



H. 'HopeHill Louise' (Fennell, 2019)
Winner of 2019 Junior Citation Award
Claude Carpenter Photo

The Home of Southern Hospitality



Savannah, 2020

Your are invited to the

2020 ADS National Convention

The Ogeechee Daylily Society proudly invites you to the 2020 ADS National Convention

The dates will be Sunday, May 24 - Wednesday, May 27, 2020.

Hotel: The DeSoto

15 East Liberty Street, Savannah, GA 31401

912-232-9000

Please mark your calendars and plan to enjoy.

Convention Co-Chairs:

Sue Cliett
67 Schley Lane
Black Creek, GA 31308
912-660-4295
suecliett@aol.com

Mike Curlin
24 N. Zetterower Avenue
Statesboro, GA 30458
912-682-6628
dwcurlin@gmail.com

Use Registration Form on the next page or
For more information and to register online go to the convention website at
<https://www.ahs2020national.com/>

2020 National Convention - Registration Form



74th Annual ADS National Convention

May 24-27, 2020

Savannah, Georgia

Hosted by the Ogeechee Daylily Club

Convention Website: www.ahsnational.com

Registration includes one day of garden tours, catered Panera breakfast in the garden, Catered Rusty Pig lunch in the garden, 2 buffet dinners, 2 Joiner and/or Elliott 2020 introductions

Registration is limited to 450 Attendees

Final Deadline is April 15, 2020

CONVENTION CO-CHAIRS

Mike Curlin, 912-682-6628

dwcurlin@gmail.com

Sue Cliett, 912-660-4295

suecliett@aol.com

HOTEL

The DeSoto

15 East Liberty Street, Savannah, GA 31401
800-239-5118. Use the group code Ogeechee Daylily Society National Convention for the discounted rate of \$145/night. A limited number of rooms are available the day before and after the convention. Daily charge for parking. No airport shuttle.

REGISTRATION INFO

Send USD check or money order payable to OgeecheeDaylilyClub2020 to:
Faye Hulst, Registrar: 721 Cleary Rd., Brooklet, GA 30451. 912-687-0665. fhulstodc@gmail.com

CANCELLATIONS

Received by 3/15/2020 will receive a full refund.
Received from 3/16-4/15/2020 will receive a 50% refund. Cancellations received after 4/15/2020 will receive no refund (May be swapped with another person. Registrar MUST be notified)

OPTIONAL TROLLEY TOUR-Tuesday

See the best of Savannah with a full-day ticket to the Old Town Trolley tour. Hop on the trolley just outside the back door of the hotel. Hear humorous tales and learn fun facts from hometown conductor guides. Hop-off at 14 different stops to explore more than 100 city attractions. Discounted rate of \$27.50 per person. Reserve by 4/15/20

OPTIONAL LUNCH HARBOR CRUISE-Tuesday

Narrated tour of the Savannah Harbor and a full Southern Buffet. Boards at 12:00, returns at 2:30. Savannah Shrimp & Grits, the best Southern Fried Chicken in the South, Chef's Specialty Station, Creamy Macaroni and Cheese, Sweet Potato Casserole, Sweet Potato Souffle, Fresh Fruit, assorted Salads, Dessert and more! \$57.00 per person. Includes transportation to and from the dock. Reserve by 4/15.20

REGISTRATION FORM

Print names as you wish them to appear on name badges. Indicate youth reservations with a "Y" after the name. Put additional names on back.

NAME #1 _____

NAME #2 _____

ADDRESS _____

CITY _____ STATE _____

ZIP _____ REGION _____ PHONE _____

EMAIL _____

Is email confirmation acceptable to you? Y ___ N ___

Do you wish to have your contact info on the attendee list? Y ___ N ___

Any special needs (food, accessibility, bus, etc.)? Y ___ N ___

Provide name and details (use back for additional space if needed).

Are you an ADS or Regional Officer? Y ___ N ___ Provide name and office: _____

Companion dinners are available Tue/Wed nights at **\$50 each**. (Specify days below.) Companion name(s): _____

Judges Clinics and Workshops. (Do not send fees now) Indicate name(s):

Ex. J. Clinic I _____

Ex. J. Clinic II _____

Ex. J. Clinic III _____

Garden Judge Workshop 1 _____

Garden Judge Workshop 2 _____

Optional T-Shirts. 2020 Convention embroidered t-shirts (see our website for colors & description). Pick up shirts at Registration desk. **\$15 ea.**

Sizes: Men's or Women's—S, M, L, XL, 2XL, 3XL. Black, Royal Blue, Maroon, Light Steel, Dark Green or Charcoal Heather.

Women's size _____ color _____

Men's size _____ color _____ (Put add'l. on back)

Optional Trolley Tour (Read more about the tour on our website)

Name(s) _____

Optional Lunch Cruise (Read more about the tour on our website)

Name(s) _____

Number attending: Fees:

___ Reg. fee @ \$265-postmark by 4/15 \$ _____

___ Youth reg. @ \$175-postmark by 4/15; \$ _____

___ Optional Trolley Tour @ \$27.50 each \$ _____

___ Optional Lunch Cruise @ \$57 each \$ _____

___ Optional Convention T-Shirts @ \$15 each \$ _____

___ Companion dinner(s) @ \$50 each night; \$ _____

specify # Tuesday _____ # Wednesday _____

TOTAL \$ _____

Meet Sandy Holmes: Our Winter Speaker

As an avid gardener living in metro Atlanta, Georgia, Sandy planted her first daylily seeds in the early 1980's. Unfortunately none of them came up, so she resorted to Stellas; which the rabbits promptly ate. After a job change, Sandy ended up in Centerville, Ohio, where she met and married Mike Holmes. In 1995 they were introduced to the modern daylily when a co-worker, Bill Barrere's daughter, gave them plants from her late father's garden. The following year they met internationally known daylily hybridizers Steve Moldovan and Roy Woodhall, who changed Sandy's life forever.

In 1996, Mike and Sandy began hybridizing in their backyard. In 2002, they purchased 11 acres of good farm land just outside of Xenia, Ohio, where they operate Riverbend



Daylily Garden. Sandy and Mike both introduce daylilies. Sandy hybridizes for large graceful, tetraploid unusual forms. She works for clear colors with green

throats and watermarks or patterned eyes. Plant habit is very important to her, so she has been known to introduce daylilies that are just unusual even if they aren't an unusual form. Many beautiful daylilies have been composted because the rest of the plant didn't make the cut. At the 2016 AHS National Convention her H. 'Walt Lowry' won the Ned Roberts Spider/Unusual Form Award; and at the 2017 convention her H. 'Tidewater Elf' won the President's Cup for the best daylily clump. She has received the Region 2 Howard Hite Excellence in Hybridizing award and is currently the President of Region 2 of the American Daylily Society.

Both Mike and Sandy are retired and live in Bellbrook, Ohio.



H. 'I Lava You' (Holmes-S., 2009)
Claude Carpenter Photo



H. 'Wanda Evans' (Holmes-S., 2009)
Claude Carpenter Photo



H. 'Tidewater Elf' (Holmes-S. 2012)
Claude Carpenter Photo



H. 'Walt Lowry' (Holmes-S., 2011)
Sandy Holmes Photo



H. 'Gigantic Ray of Sunshine' (Holmes-S., 2019)
Sandy Holmes Photo



H. 'Casper's Twist' (Holmes-S., 2017)
Sandy Holmes Photo



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Regional

Meeting date: Saturday, 15 Feb 2020

**Meeting location: Flint EMC Community Service Center
900 GA Highway 96, Warner Robins, Georgia 31088**

A Registration/Lunch Fee of \$16 or 'No Lunch Registration' of \$10 per person will be charged for this meeting. A registration form is provided at the bottom of this page.

Proposed Agenda/Times as follows:

- 8:45AM: Registration
- 9:00 AM: Line up for Daylily Sale Tables
- 9:15 AM: Daylily Sale Tables Open
- 10:00AM: Call to order, current issues, club news
- 10:15AM: Officer/Chair reports
- 10:30AM: New Business,
- 10:45AM: 2017 Region 5 Regional
- 11:00AM: Guest Speakers Mike and Sandy Holmes (Riverbend Daylily Garden, Xenia, Ohio)
- 12:00PM: **Lunch from Georgia Bob's BBQ: Pulled Pork or Chicken Salad (served and eaten in meeting room (long narrow tables, theatre style).** Sides include BBQ beans, Brunswick stew, Cole Slaw, dessert, tea or lemonade, buns and bread.
- 12:45PM: Auction of Holmes daylilies and other donations
- 2:30 PM: Special (Board) Meeting as required

NOTE: Auction donations (plants, garden art, etc.) are always welcome and appreciated! Your donations will be acknowledged.

Directions from I-75: Exit 142 east on GA Hwy. 96 for 4.6 miles, bldg. on right, park in east and south lots.

From Savannah I-16, get off at Exit 358 (Danville, left) to GA Hwy. 96 west for 22 miles.

**Region 5 Winter Meeting – Flint EMC Community Center, 15 Feb 2020
Registration Form**

Name: _____ Email: _____

No. attending for lunch x \$16 _____

No. attending, not having lunch x \$10 _____

Other attendee(s) included in check: _____

NOTE: Register by 22 Jan and you will be eligible for a drawing of a \$100 daylily....

Room capacity 95

Send this registration form and check (**made out to AHS Region 5**) to: Joann Stewart, 2300 Simonton Bridge Road, Watkinsville, GA 30677, to arrive by **Feb 11, 2020**. You may contact Joann at (706) 424-1079 or Simontonbr@aol.com

Remembering Dr. Erling Grovenstein Jr.

By Harold McDonell

Back in the early 1960's, an aspiring young Georgia Tech chemistry professor, Dr. Erling Grovenstein, discovered daylilies. At the time, he had already established himself as a brilliant scientist. He graduated from high school at age 16 in Albany, Georgia, then went on to Georgia Tech, where he earned his BS degree in chemistry. From there, he enrolled at prestigious MIT, where he eventually earned his doctorate degree in organic chemistry. He then returned to Atlanta and Georgia Tech, where he taught chemistry until his retirement after 40 years at Tech.

Erling didn't just discover daylilies, he fell head-over-heels in love with them. He attended the charter meeting of the Greater Atlanta Daylily Society (now Daylily Society of Greater Atlanta) in 1962 but did not join immediately due to family commitments. He and his wife, Lillian, had young children to raise; and he did not feel he could devote time to the club. However, he joined the American Hemerocallis Society and started collecting daylilies. A few years later, he did join DSGA, and he and Lillian became valued members until health problems sidelined them a few years ago. He was also very active in Region V activities. The AHS valued his scientific knowledge, particularly with respect to chemical pesticides; and he contributed a number of scientific articles to *The Daylily*



Erling Grovenstein at the 2010 National Convention

Harold McDonell Photo

Journal. Erling was also a charter member of the Georgia Hosta Society. However, his first love was always his daylilies.

Erling and Lillian became hooked on hybridizing daylilies in the late 1980's. He concentrated on large-flowered tetraploids, and Lillian worked on developing small and miniature-flowered daylilies. Together they created and registered a number of beautiful cultivars. They were a team, always working together in their garden and participating together in various daylily activities. They had a beautiful garden at their home in the north Atlanta suburbs, which they opened frequently to their daylily and hosta friends. Erling and Lillian were the ultimate hosts, and many of us spent many happy hours at their home and in their garden over the years.



Erling and Lillian at DSGA Picnic

Journal as well as to The Georgia Daylily

Erling died on October 28, 2019, after several years of declining health. He was 94 years of age. He left a legacy of beautiful daylily creations and of service to DSGA, Region V, and AHS. Region V has not just suddenly become the vibrant organization it is today. It was built over the years by the many dedicated members who have preceded us. Dr. Erling Grovenstein certainly contributed his share in making Region V great. We will miss him and Lillian but will always remember them fondly.



H. 'Briarmoor Princess' (Grovenstein-L.&E., 2009)
Claude Carpenter Photo



H. 'Gift of Prometheus' (Grovenstein-L.&E., 2004)
Claude Carpenter Photo

Remembering Gwen Denny

By Anne McWilliams

I first met Gwen in the late 1980's when I became a member of the Middle Georgia Daylily Society. She invited me to see her garden, but the advice that she gave me through the years was priceless. We became fast friends and stayed in touch even after she relocated to Texas.

She was always encouraging. I was amazed at her knowledge of daylilies and the people she had met through the years



Gwen In the Garden

at regional meetings, national meetings, and judging at shows. Some of us were fortunate to get to know her and Ben even more when we cared for the daylily beds

at the Georgia national fairgrounds in Perry. They gave their time to maintain those beds.

What an awesome couple, and I miss my friends. They have earned their rewards.

Others that helped to maintain the daylily beds at the Georgia national fairgrounds were Laura McClure, Barbara McKinney, Jim Saddler, and Anne McWilliams.

Contributions made to the AHS by Region 5 Members

A contribution at the Silver level has been made to the 100 Giving \$100 campaign for the AHS General Fund by:

- Ms. Kathy Fowler

A contribution at the Silver level has been made to the William E. Monroe Endowment Fund Trust by:

- Joann Stewart

- Harold McDonell in memory of Erling Grovenstein Jr.

Contributions made by Region 5 Members in support of *The Georgia Daylily*

During the Fall Region 5 meeting a special sales table with plants and other items was implemented to raise funds in support of publishing *The Georgia Daylily*. In addition a number of Region 5 members contributed cash donations. We raised a total of \$931. A big thanks to all who contributed items and gave cash donations.

Editor's Note



The Greater Atlanta Daylily Society and Region 5 lost two of our long-time members this past month. Dr. Erling Grovenstein was a great hybridizer and contributor to our

club and Region 5. He and Lillian will be fondly remembered. Harold Verner was a long-time member of our club and loved growing and hybridizing daylilies. All money he received from his introduction of his H. 'Miracle of St Jude' was given to the St Jude Children's Hospital. Harold was a very close friend and let me move my garden to his property a few years ago after I had sold my house. He will be greatly missed.

In this edition we feature all the 2019 Region 5 Cultivar Awards. Hybridizers from this region won 3 Awards of Merit, 8 Honorable Mention Awards, 5 AHS Specialty Awards, and 18 Achievement Medals. Congratulations to our hybridizers. Region 5 is blessed to have some of the top hybridizers in the AHS.

Congratulations to Scott Elliott for being selected as the 2020 President of the AHS. He

will do a great job.

I asked Scott and Bill Waldrop to write articles for this edition, focusing on the merits of hybridizing with tetraploids and diploids. They give us insight into the advantages of growing and/or hybridizing with both.

We are looking forward to the 2020 AHS National Convention that will be hosted by the Ogeechee Daylily Club. Hosting a National Convention is a huge undertaking, and I know the Ogeechee Daylily Society welcomes any help from Region 5 members.

I'm looking forward to our Winter Meeting in February. Our guest speaker is Sandy Holmes. She is currently the President of AHS Region 2 and an award-winning hybridizer.

See you in February.

Janie and Winfred Huff Win the 2018 Tom Wise Award

President Joann Stewart proudly announced that Janie and Winfred Huff were the 2019 winners of the annual Tom Wise Award at the fall meeting on October 5, 2019. The Tom Wise Award is provided to recognize those individuals who give of themselves unselfishly; perform service in support of both local and regional activities; and though never wavering in their dependability, do whatever needs to be accomplished outside the limelight.

Janie and Winfred are a couple who have been members of Region 5 AHS for over 22 years and have supported their local club and region with outstanding service during this time frame. They are true ambassadors for daylilies by supporting the activity of growing daylilies and the institution of our daylily society. They both serve as Exhibition Judges and Garden Judges.

They have also donated many daylily plants over the years to help support the finances of Region 5 and their local



Joann Stewart presents the Tom Wise Award to Janie and Winfred Huff
Claude Carpenter Photo

daylily clubs. When people give of their time, they cannot give a more valuable gift. That statement exemplifies the efforts Janie and Winfred have given to Region 5 AHS and echoes those biblical sentiments of selflessness and commitment to a greater cause.

Presently they serve as the youth liaisons for our region and coordinate the Region 5 photo contest each year. Their garden is called Backyard Daylilies, and this spring it was a regional tour garden for attendees to really enjoy.

Those that knew the connotation for their daylilies 'Heisman Hershel' (Huff 2018) and 'Run Lindsay Run' (Huff 2017) surely felt they were between the hedges in Athens that Saturday, for Backyard Daylilies had that Georgia Bulldog spirit, including named streets (garden paths) like Vince Dooley Blvd. Another unique garden theme was their daylilies with a Native American namesake like 'Chief White Buffalo' (Huff, 2011) and many others. Presently there are 72 registrations in our AHS database with the Huff name, indeed an example of them sharing their love of daylilies with others.

Mary Netherton Receives The Georgia Hybridizers Award

Pictured is Mary Netherton, who was presented the 2019 Georgia Hybridizers Award by Region President Joann Stewart for her 2013 introduction of H. 'Wayne And Coral's Love'. This daylily is a miniature at a height of 22 inches with the bloom being 2.5 inches wide. It is an early midseason evergreen that reblooms. It also is a diploid that is fragrant with a great bud count. She describes H. 'Wayne And Coral's Love' as orange red with darker veining, a dark red triangular eye, and green throat. Her daylily previously won an Honorable Mention Award in 2018. Congratulations Mary!

Each year hybridizers are asked by the Region 5 President to nominate one or more of their daylilies for this award with a notice in the winter



Mary Netherton receives Hybridizers Award
Tim Herrington Photo

edition of *The Georgia Daylily*. A ballot then is placed in the spring edition of *The Georgia Daylily* for the membership to vote on and send their ballots back to the Region 5 President by July 1. This system mirrors the AHS system of H.M. and specialty awards. This year nine nominees represented some of the best daylilies anyone will find anywhere from our Georgia hybridizers. If you are a hybridizer and didn't nominate a daylily, please look in the next winter edition of *The Georgia Daylily* and nominate one of your daylilies. A list of all previous winners is on the Region 5 website at <http://www.ahsregion5.org/>.

Scenes From the Fall Meeting

Photos by Claude Carpenter



The 2019 AHS Cultivar Awards from Region 5

Award of Merit, 2019

These daylilies will be candidates for the Stout Medal in 2021



H. 'Blazing Cannons'
(Waldrop, 2013)

Bill Waldrop Photo



H. 'WYSIWYG'
(Elliott-S., 2012)

Claude Carpenter Photo



H. 'Mayor of Munchkinland'
(Herrington-T., 2010)

Claude Carpenter Photo

Honorable Mention, 2019

These daylilies will be candidates for the Award of Merit in 2022



H. **'Sebastian On Steroids'**
(Elliott-S., 2012)
Claude Carpenter Photo



H. **'Hat's Off To Sue'**
(Herrington-T., 2008)
Claude Carpenter Photo



H. **'Kennesaw Blue Sapphire'**
(Waldrop, 2015)
Bill Waldrop Photo



H. **'Burnt Hickory'**
(Waldrop, 2015)
Claude Carpenter Photo



H. **'Wishy Washy'**
(Joiner-J., 2013)
Jan Joiner Photo



H. **'Savannah Sweetheart'**
(Joiner-J., 2000)
Photo Jan Joiner



H. **'A Little Twisted'**
(Elliott-S., 2015)
Claude Carpenter Photo



H. **'School Bus Dreams'**
(Bell-T., 2014)
Tim Bell Photo

AHS Specialty Awards, 2019

Voted by AHS Garden Judges each year for the best daylily in each award category as observed in their their own region or AHS National Convention tour gardens.

Donn Fischer Memorial Cup, 2019

For Best Miniature Daylily (under 3")

First Place



H. 'Raspberry Ripple Cupcake'

(Herrington-T., 2007)

Claude Carpenter Photo

Runner Up



H. 'Wayne and Coral's Love'

(Netherton-M., 2013)

Claude Carpenter Photo

Annie T. Giles Award, 2019

For Best Small Daylily (3' to 4.5")

First Place



H. 'Halloween Green'

(Herrington-T., 2011)

Claude Carpenter Photo

Extra Large Diameter Award, 2019

For Best Daylily with diameter of 7 inches or greater

First Place



H. 'Blazing Cannons'

(Waldrop, 2013))

Bill Waldrop Photo

Harris Olson Spider Award, 2019

For Best Spider

First Place



H. 'Journey To Oz'

(Herrington-K., 2001))

Claude Carpenter Photo

Ida Munson Award, 2019

For Best Double Daylily

First Place



H. 'Honey Crunch Cupcake'

(Herrington-T., 1999)

Tim Herrington Photo

Runner Up



H. 'Tim Herrington'

(Elliott-S., 2014)

Claude Carpenter Photo

Don C. Stevens Award, 2019

For Best Eyed or Banded Daylily

Runner Up



H. 'Hotlanta'

(Waldrop, 2014))

Claude Carpenter Photo

Lambert/Webster Award, 2019

For Best Unusual Form Daylily

3rd Place



H. 'Sebastian On Steroids'

(Elliott-S., 2012)

Claude Carpenter Photo

Region 5 Achievement Medals, 2019

(photos are by the hybridizers)



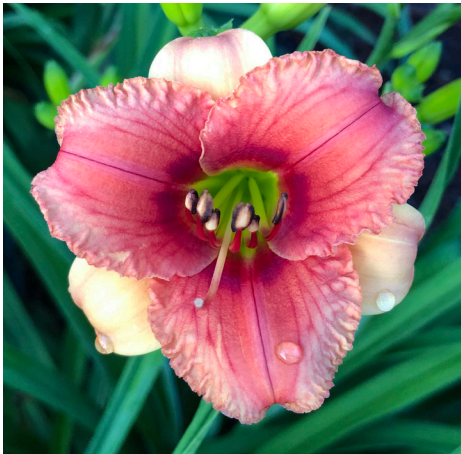
H. 'A Room of One's Own'
(Elliott-D., 2019)



H. 'Actively Impassive'
(Elliott-S., 2019)



H. 'Beauteous'
(Elliott-S., 2019)



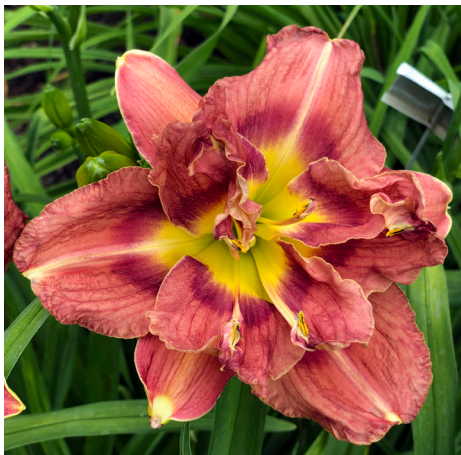
H. 'Bob on My Mind'
(Elliott-D., 2019)



H. 'Boogie Woogie Bob'
(Elliott-S., 2019)



H. 'Careless Whiskers'
(Elliott-S., 2019)



H. 'Chingawa'
(Elliott-S., 2019)



H. 'Crunk Chile'
(Elliott-S., 2019)



H. 'Danielle Malesky'
(Mullins-J., 2019)

Region 5 Achievement Medals, 2019 (cont)

photos are by the hybridizers



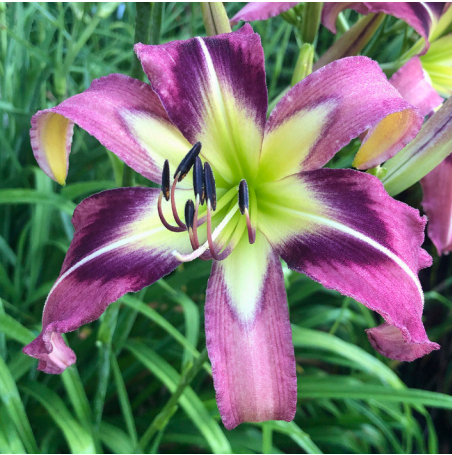
H. 'Disco Twinkies'
(Elliott-S., 2019)



H. 'Frazzled'
(Elliott-S., 2019)



H. 'Génial'
(Elliott-S., 2019)



H. 'Grab the Inhaler'
(Elliott-S., 2019)



H. 'GroundBob Day'
(Elliott-S., 2019)



H. 'Indecent'
(Elliott-S., 2019)



H. 'Miscreant'
(Elliott-S., 2019)



H. 'Teaspoon of Butter'
(Elliott-S., 2019)

Dennis Calbreath Photography Contest

The Dennis Calbreath Photography Contest is named in memory of Dennis Calbreath and sponsored by the Daylily Society of Greater Atlanta. Shown below are the 2019 winning photos of the five categories.



Best Nature Photo and Best Overall Photo
H. 'A Groovy Kind of Love' (Douglas-H., 2015) with Frog
entered by Claude Carpenter



Best Photo of a Single Bloom
Red Seedling entered by Bill Waldrop



Best Photo of a Daylily Clump
H. 'Stephen Smith' (Reed, 2014) entered by Claude Carpenter



Best Landscape Photo
The Carpenter Garden entered by Claude Carpenter



Best Photo of Multiple Blooms
H. 'Castle Cotton Candy' (Castlebury, 1996) entered by John Soloman

The Advantages of Hybridizing

with

Diploids or Tetraploids in *Hemerocallis* Species

By Scott Elliott, Ph.D.

Daylily growers and hybridizers alike often hear a great deal of information, much of it inaccurate, over the purported advantages/disadvantages of growing either tetraploids or diploids. The fact is that both have advantages and disadvantages that lend them to be very successful in some areas, while being unsuccessful in others. To answer the question of which ploidy hybridizers in their hybridizing programs should consider, some background information contrasting diploids and tetraploids is necessary, along with an idea of the hybridizer's goals.

Beginning with diploids, they tend to be easier to work with. They generally set more seeds per pod, and set seeds more easily, not requiring special shade houses or greenhouses. Scapes tend to be thinner and more graceful than in their tetraploid counterparts. This is advantageous at shows and in the garden when the scape is being shown off, but can become a fault if the scapes are not strong enough to hold up the flowers. With only two sets of chromosomes, diploids require fewer seeds from a cross to realize the full spectrum of possible outcomes. A chief value of hybridizing diploids is to more quickly uncover hidden recessive traits in the gene pool of the daylily and to explore their interactions; however, offspring will tend to be widely divergent from the parents. The crucial characteristic of "distinction" will be easier to realize quickly in a diploid hybridizing program.

Tetraploids, in contrast, can be more difficult to work with, sometimes requiring

shade houses and/or greenhouses to set seed properly and will often set fewer seeds per pod. Scape blasting, the sudden bursting, splitting, or severing of a scape is much more common in tetraploids and has been attributed to their thicker, less flexible cell structures.



**One of Scott's Diploid Seedlings wins Best In Show
2019 Ogeechee Daylily Show**

However, their big advantage, having an extra set of chromosomes, allows for some characteristics, such as colors, edges, and eyes, and some patterns to be expressed to a greater extent, resulting in deeper colors, bigger bolder eyes, edges, and patterns. Plants and scapes can also be noticeably larger and sturdier. This can enhance the ability of a scape to withstand adverse conditions and keep

from falling over; however, some say that "beefing up" the scapes takes away from their gracefulness. Another advantage of hybridizing tetraploids lies in the ability to preserve/concentrate a desired trait or series of traits in a hybridizing program, while continuing to explore the gene interactions and dosage effects of doubling the genes.

To make matters more interesting, statistics from show and Specialty Award-winners indicate that some sizes, forms, and patterns are better-suited to diploids, while others are better-suited to tetraploids.

Thus, the determination of whether to concentrate on diploid or tetraploid hybridizing might be reduced to the answers to the following questions:

- Does the hybridizer want to maintain a certain trait/look or to create something new?
- What form, size, or pattern does the hybridizer want to work with?

Finding Recessive Genes and Mutations: Does the hybridizer want to maintain a certain trait/look or to create something new?

With around 90,000 registered daylilies in the AHS Database, finding new, distinctive daylilies has become largely an exercise in discovering recessive genes, combinations of recessive genes, and mutations. Obviously, the dominant genes are expressed and seen in the majority of seedlings because they are easy to find. Looking for that proverbial needle in a haystack, found in recessive genes, unique combinations of recessive genes and the rare mutation, has always

Diploids or Tetraploids (cont)

been a major source of discovery when looking for new and improved traits.

To be sure, recessive genes, combinations of recessive genes, and mutations can be revealed in both diploids and tetraploids. However, when looking at recessive traits in tetraploids, because they have four sets of the same chromosomes instead of two as in diploids, the hybridizer will need to greatly increase the number of seedlings in a cross to realize the full-spectrum of possible results. This is because doubling the number of chromosomes squares the number of seedlings needed. Therefore, when looking at recessive traits, a tetraploid cross will require planting more seeds to get a representative distribution of possible results. Additionally, gene redundancy in tetraploids will further inhibit the discovery of new recessive genes and mutations.

Gene redundancy-the existence of multiple genes in the genome of an organism that perform the same function. An effect created by gene redundancy as a result of possessing extra sets of the same chromosomes in tetraploids is the masking of recessive alleles by dominant type alleles. Whereas diploid Aa heterozygotes produce 1/4 aa recessive homozygotes, AaAa tetraploids produce only 1/16 recessive aaaa homozygotes**. To expand this further, looking at a trait which requires the interaction of four different recessive genes, a likely occurrence in daylilies, diploid AaBbCcDd heterozygotes produce 1/256 (1 out of 256) abcd recessive homozygotes, while AaAaBbBbCc CcDdDd tetraploids produce 1/65,536 (1 out of 65,536) aabbccdd recessive homozygotes. Quickly apparent is that in order to find new combinations of recessive traits, while difficult in diploids, becomes untenable in tetraploids.

Thus, the fixing of divergent parental genomes in tetraploids depresses the expression of recessive traits, mutations, and new combinations of recessive traits. This is helpful if the hybridizer is attempting to pass along a certain trait to the offspring, but deleterious if the hybridizer is attempting to create new phenotypes. Whereas heterozygosity decays in the progeny of a diploid F1 hybrid, wherein at each generation

¼ of the heterozygous loci become homozygous for recessive traits and ¼ become homozygous for dominant traits, the enforced pairing of homologous chromosomes in tetraploids largely prevents intergenomic recombination, effectively maintaining the same level of heterozygosity through the generations, resulting in a distinct inability to create new generations of daylilies expressing recessive traits.

The effect of polyploidy against the expression of recessive traits and possible mutations is especially important when isolated and severely bottlenecked populations are forced to inbreed, such as with line breeding, at a time when the expression of recessive alleles is made difficult by the reduced number of breeding individuals.

Flower Types: What form, size, and/or patterns does the hybridizer want to work with?

From a show-winning and award-winning standpoint, the question of whether to use diploids or tetraploids in a hybridizing program can be aided by the answers to the following question: What type of flower is the hybridizer working with?

Exploring the flower sections best-suited to each ploidy based upon winning percentages in shows. From the data shown in tables 1 and 2, *Best in Section Winners* for all accredited AHS shows between 2011-2018, the winners for large and extra-large flowers, Sections 1 & 2, are dominated by tetraploid cultivars. While Sections 3, 4, 5, 6, and 7, small, miniature, double, spider, and unusual form flowers, respectively, are dominated by diploid

(continued on page 28)

Best in Show Winners by Section and Ploidy 2011-2018		
	Dip	Tet
Section 1-Extra Large	6	9
Section 2-Large	14	46
Section 3-Small	57	14
Section 4-Miniature	65	3
Section 5-Double/Poly	29	4
Section 6-Spider	50	2
Section 7-Unusual Form	69	21
	290	99

Table 1. Best in Show by Section and Ploidy

Best in Section winners 2011-2018 Percentage of winners		
	Dip	Tet
Section 1-Extra Large	40	60
Section 2-Large	23	77
Section 3-Small	80	20
Section 4-Miniature	96	4
Section 5-Double/Poly	88	12
Section 6-Spider	96	4
Section 7-Unusual Form	77	23

**Table 2.
Best in Section Percentage of winners**



**H. 'Arctic Tern' (Lambertson., 2005)
Best In Show -2019
Greater Atlanta Daylily Show**

Diploid UFs have won 69 Best in Show awards over last 8 years



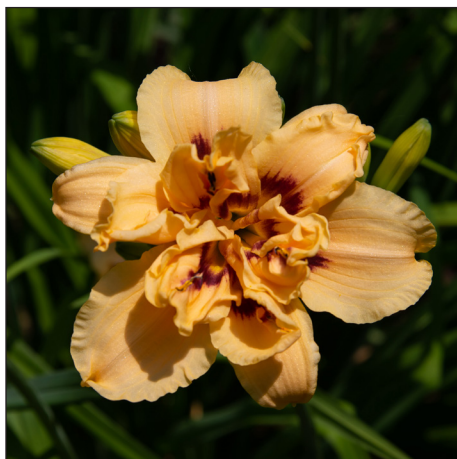
**H. 'Lil' Blackbuds' (Begnaud, 2009)
Best Miniature - 2019
Valdosta Daylily Society Show**

Diploid Miniatures have won 65 Best in Show awards over the last 8 years

Diploids or Tetraploids (cont)

Donn Fischer Memorial Cup-mini		
	Dip	Tet
Raspberry Ripple Cupcake	x	
Lil' Black Buds	x	
Toy Trumpets	x	
Micro Chip	x	
Mayor of Munchkinland	x	
Her Little Bloomers	x	
Plum Cupcake	x	
Everybody Loves Earnest	x	
Little Gold Nugget	x	
Madeline Nettles Eyes		x

Table 3. Donn Fischer



H. 'Raspberry Ripple Cupcake'
(Herrington-T., 2007)
2019 Donn Fischer Memorial Cup Winner
Diploids have won the last 9 Donn Fischer Memorial Cup Awards

Lambert Webster-unusual form		
	Dip	Tet
Dances with Giraffes	x	
Papa Goose	x	
Sebastian the Crab	x	
Firefly Frenzy	x	
Star Over Oz	x	
White Eyes Pink Dragon		x
Christmas in Oz	x	
Desert Icicle	x	
Margo Reed Indeed	x	
Thin Man		x

Table 6. Lambert Webster

Annie T. Giles-small		
	Dip	Tet
Halloween Green	x	
You are My Sunshine		x
Little Lemon Twist	x	
Whistle a Happy Tune	x	
Red Squirrel	x	
Green Rainbow	x	
Riot on the Kindergarten		
Bus	x	
Honey Crunch Cupcake	x	
Baby Blue Eyes	x	
Micro Burst	x	

Table 4. Annie T. Giles



H. 'Green Rainbow' (Herrington-T., 2005)
2014 Annie T. Giles Award
Diploids have won 9 of last 10 Annie T. Giles Awards.



H. 'Dances With Giraffes' (Reed-M., 2005)
2019 Lambert Webster Award
Diploids have won 8 of last 10 Lambert Webster Awards

Ida Munson-double		
	Dip	Tet
Honey Crunch Cupcake	x	
Sebastian on Steroids	x	
Wysiwyg	x	
Sunglasses Needed	x	
Wildman George	x	
Jelly Filled Donut		x
Amanda's Little Red Shoes	x	
Sebastian the Crab	x	
Firefly Frenzy	x	
Scatterbrain	x	

Table 5. Ida Munson



H. 'Wildman George' (Elliott-S., 2010)
2015 Ida Munson Award
Diploids have won 9 of last 10 Ida Munson Awards

cultivars.

Delineating the types of flowers in the Specialty awards best-suited to each ploidy based upon winning percentages, 2010-2019. The data table 3-6, reveals that 90% of the Donn Fischer Memorial (miniature), 90% of the Annie T. Giles (small), 90% of the Ida Munson (double), and 80% of the Lambert /Webster awards (unusual form), respectively, over the last 10 years were won by diploids

While, 100% of the Extra-Large Diameter (7" or more in diameter), 80% of the Don C. Stevens (eyed or banded), and 60% of the R. W. Munson (patterned) awards, respectively, were won by tetraploid cultivars (tables 7-9).

As might be expected, blooming season gives no advantage. Both the early and

Diploids or Tetraploids (cont)

Extra Large Diameter		
	Dip	Tet
Blazing Canons		x
Brown's Ferry Royalty		x
Linda Bell		x
Tall Dark & Handsome		x
Megatron	x	
H. United We Stand	x	
Neon Flamingo	x	
Entwined in the Vine	x	
Judy Farquhar	x	
Carnival in Mexico	x	

Table 7. Extra Large Diameter

Don C. Stevens-eyed or banded		
	Dip	Tet
Walter Kennedy		x
God Save the Queen		x
Mayor of Munchkinland	x	
Carnival in Caracas		x
Sun Panda		x
Starman's Quest	x	
Gavin Petit		x
Fashion Police		x
Carnival in Mexico		x
Celebration of Angels		x

Table 8. Don C. Stevens

R. W. Munson-patterned		
	Dip	Tet
Explosion in the Paint Factory		x
ABBJ		x
Alien DNA		x
Get Jiggy		x
Jessica Lynn Bell		x
Magic of Oz	x	
Rose F. Kennedy	x	
Entwined in the Vine		x
Starman's Quest	x	
Texas Kaleidoscope	x	

Table 9. R. W. Munson



H. 'Linda Bell' (Bell-T., 2011)

2017 Extra Large Diameter Award

Tetraploids have won the last 10 Extra Large Diameter Awards



H. 'Walter Kennedy' (Stamile, 2008)

2019 Don C. Stevens Award Winner

Tetraploids have won 8 of last 10 Don C. Stevens Awards



H. 'Explosion In The Paint Factory'

(Howard, 2013)

2019 R. W. Munson Award Winner

Tetraploids have won 6 of last 10 R. W. Munson Awards

late bloom awards are split approximately evenly among the diploid and tetraploid.

Summary:

1. Tetraploid crosses yield similar offspring to the parent. Use tetraploids to conserve a trait in the population.
2. Diploid crosses yield more widely divergent offspring from the parent. Use diploids when looking for new traits.
3. From a show-winning and award-winning standpoint, tetraploids are generally the ploidy of choice for hybridizers working with large and extra-large single flowers (excluding spiders and unusual forms), eyed or banded flowers, and/or patterned flowers.

4. From a show-winning and award-winning standpoint, diploids are generally the ploidy of choice for hybridizers working with miniature, small, double, unusual form, and spider flowers.

*** Do not expect daylilies to follow Mendelian genetics ratios. While the genetics of daylilies is not clearly understood, we do know that we cannot expect to achieve the ratios of offspring observed with Mendel's pea plants involving dominant and recessive traits. To be sure, dominant and recessive traits do exist in daylilies; however there appear to be multiple modifying factors, such as epistasis, when genes at two different loci interact to affect the expression of a single trait, and many others that remain as yet unknown, that preclude the prediction of*

expected ratios of phenotypes (what the plant looks like).

Thank you to James Mullins, Judges Education Committee member, for compiling and tabulating the show results for 2011-2018.

James Mullins: 15 Bests in Show; 110 Bests in Section; 20 Sweepstakes; 1 Achievement Medal; Ophelia Taylor Horticultural award.

Scott Elliott: 24 Bests in Show; 92 Bests in Section; 9 Sweepstakes; 76 Achievement Medals; 3 Ida Munson awards; 6 Honorable Mention awards; 2 Awards of Merit; Ophelia Taylor Horticultural award.

(Photos in article by Claude Carpenter)

My Experience in Hybridizing With Tetraploids

By Bill Waldrop

When Diana and I first started growing daylilies, we always looked forward to receiving the new catalogues from Pat and Grace Stamile. I looked at the pictures of Pat's flowers, I looked at the pictures of Pat's flowers on his website, and a number of times we went to his garden. I was just amazed that he could grow daylilies that were so much different than anything I had seen anywhere else. I started watching the pod and pollen parents that he would use to create his daylilies, and I soon noticed that he often used converted diploids. So I wondered how he converted these diploids, and started reading all that I could to learn about the process. Finally, I decided that I needed to go and see Pat and ask him if he would show me how he went about converting a diploid to a tetraploid.

Diana and I soon went to the Stamile home in Enterprise, Florida; and Pat took lots of time to show me how he "carved" a growing diploid before he treated the plant with the chemical colchicine. After Pat showed me his method, I then went down the street to the home of Dan Trimmer. Dan was also very helpful, and he likewise showed me how he "carved" a diploid prior to treatment.



Bill Waldrop in garden with Pat Stamile

Then I went to visit my friend Larry Grace who lives near Dothan; Alabama, and Larry also showed me how he prepared a diploid for treatment with colchicine.

I tediously followed the instructions I got from Pat, Dan, and Larry, and I soon converted the diploid **H. 'Indian Giver'**. I was pleased with the success of my first attempt at converting a diploid. I then took **Tet. Indian Giver** and crossed it with Jeff Salter's **H. 'Cosmic Sensation'**, and created **H. 'Lydia's Regal Robe'**, which was registered in 2009. **H. 'Lydia's Regal Robe'** has since won AHS Awards for both Honorable Mention and Award of Merit. In fact,

it just finished tied for 3rd place in the 2019 balloting for the Stout Medal. **H. 'Lydia's Regal Robe'** is a great daylily because it holds its purple color practically all day.



H. 'Lydia's Regal Robe' (Waldrop, 2008)

With this early success with conversions, I decided that working with tetraploids was the direction for me to go.

Indeed, I eventually wrote an article for AHS that was published in *The Daylily Journal* entitled "**Dips to tets: a how-to guide**," Vol. 70, No. 1, Spring 2015. This article describes in detail how a diploid is converted to a tetraploid. It shows the method of "carving" a daylily just before applying the chemical colchicine, and it gives specific instructions about how to mix colchicine with DMSO. I've had several hybridizers tell me they've followed the instructions in my article and that they've had success.

I've told my story of how I came to hybridize with tetraploids, and so I decided to ask another hybridizer, Jamie Gossard, why he hybridizes with tetraploids. I thought Jamie would be a good person to ask because he has won two Stout Medals; one was the diploid **H. 'Heavenly Angel Ice'**, and the other was the tetraploid **H. 'Heavenly United We Stand'**. Jamie said

I like growing diploids and tetraploids; but with the tetraploids there are more opportunities. For example, if you have 20 diploid seeds and 20 tetraploid seeds, and if you grow these seeds to maturity, you are more likely to have a "break," and create something new with the tetraploid seeds. One reason is because the tetraploid seeds have twice the chromosomes, and therefore far greater possibilities. This is also true if you are using tetraploid seeds where one parent is a "conversion." The new seedlings will have much greater size and strength and beauty, and the new flowers will likewise have deeper and more vibrant colors.

(Continued on next page)
The Georgia Daylily

My Experience in Hybridizing With Tetraploids (cont)

I can vouch for Jamie's thoughts. Indeed, several years ago my friend Marlee Price brought me the diploid **H. 'Sunglasses Needed'**, and she encouraged me to get it converted. I soon had it converted, and crossed it with Nancy Eller's **H. 'Buzz Saw Boogie'**. I named my new plant **H. 'Opa Klaus'**, and it continues to be in demand because it is a 10" tetraploid double. It has won the Honorable Mention award and hopefully will continue to win other awards. In my opinion I could have worked for a long time to create a 10" diploid double, but I think my likelihood of success would have been slim. Working with tetraploids, and particularly with conversions, is a big advantage in my opinion.



H. 'Opa Klaus' (Waldrop, 2015)

In thinking about hybridizing with tetraploids I thought I would also ask Ms. Karol Emmerich, another Stout Medal winner, why she grows tetraploids; and she said

*In my first year of hybridizing I did half diploids and half tetraploids. I discovered that on average the diploid seedlings looked very similar to their parents, whereas the tetraploids gave me a wider variety of looks, which is what I wanted. I think almost all of us who hybridize want to create something special that no one has ever seen before. Also, the diploids I liked the best mostly had relatively short scapes and blooms under 5", and I wanted to produce big 6-7" flowers that you didn't need to bend over to see. So for me, breeding tetraploids was the way to go, and I haven't done a dip since, unless you count using **Tet. Lavender Blue Baby** which was a star that I found early on.*

At one point in my hybridizing work, I decided to go to Ohio to personally see the daylilies they were growing there. Until our trip to Ohio I had not particularly paid much attention to unusual forms or spiders; but I knew that Ned Roberts had won the Stout Medal for his creation, **H. 'Skinwalker'**. I admired **H. 'Skinwalker'** particularly because Claude Carpenter used this diploid to win a "Best-in-Show" Award. So I also started to grow **H. 'Skinwalker'**. Unfortunately I noticed that its scape often bent, and too often it didn't hold its otherwise erect position. Dan Trimmer had ultimately converted **H. 'Skinwalker'**, and Sandy Holmes bought this conversion from Dan. Sandy then used **TET. Skinwalker** to

create her future tetraploid introduction, **H. 'Walt Lowry'**.

When Diana and I visited Sandy's garden, she had **H. 'Walt Lowry'** growing in a large clump; and its scapes stood tall and straight and the scapes did not bend. Moreover, the flower was spectacular; and **I had to have it!** I'm pleased to say that Sandy gave it to me, and now I can say that **H. 'Walt Lowry'** is a parent of almost every unusual form I've introduced, and I look forward to seeing it soon win the Stout Medal. Indeed, it has already won the Junior Citation, the Honorable Mention, and the Award of Merit.

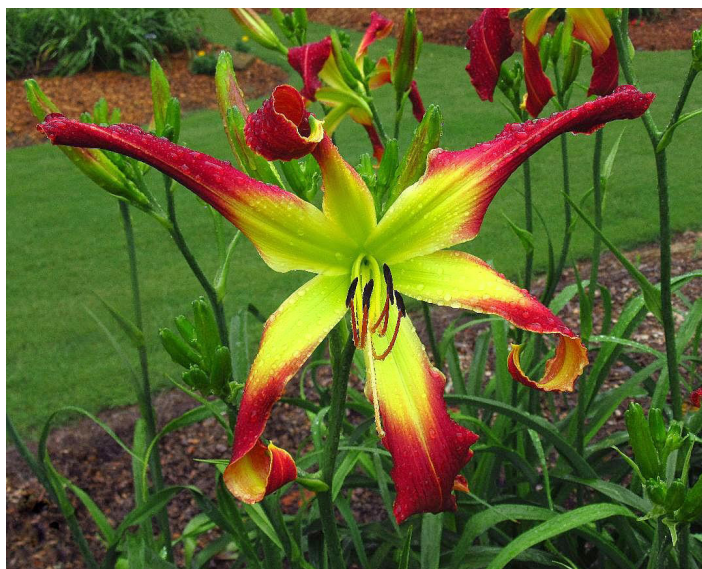
Since Sandy and her **H. 'Walt Lowry'** are the reasons I now grow UFs and Spiders, I decided to ask Sandy what her thoughts might be about growing tetraploids, she said

Twenty-five years ago a lot of people were hybridizing diploid unusual forms, but only a handful did tetraploids. I decided that I wanted to do something that was my own and joined the tetraploid group. I purchased some of the tetraploids that had the traits that I liked, and purchased a diploid conversion that had even more of those traits. After many years, I started getting tetraploids with the diploid form and the tetraploid substance. It probably would have been easier to stick to diploids, but I've always liked a challenge. Doubling the chromosomes gives you many more chances for a new look, and a lot more chances for junk.

In Sandy's last sentence I notice that she gave a "caution": She said that in using tetraploids there are "a lot more chances for junk." This is an important statement. Just like the tetraploids can create new looks, the imperfections in a tetraploid can also be multiplied in a new seedling. Sadly I must admit that I've had this happen a number of times. However, there is risk in hybridizing regardless of whether diploids or tetraploids are used.

Now that I've talked about Sandy's program and her **H. 'Walt Lowry'**, I would add that my introduction this past year of **H. 'Illinois Majestic'** has been a breakthrough for me in my unusual forms and spiders program. It stands 37" tall with 4-way branching, and a 12" flower. This is the daylily that Clint Eastwood

(Continued on page 32)



H. 'Illinois Majestic' (Waldrop, 2018)

My Experience in Hybridizing With Tetraploids (cont)

selected to win the Gold Medal in the movie, "The Mule." It is the very best daylily that I've produced, using Sandy's **H. 'Walk Lowry'** as a parent. **H. 'Illinois Majestic'** is pod fertile with very striking colors and is an example of making unusual forms and spiders with tetraploids.

And I just have to show the roots from **H. 'Illinois Majestic'**. I recently dug it up to mail to a customer, and I called to Diana to come and see the roots. It did not have ordinary roots. Instead, the roots are large, huge, and massive in size. This is an example of a robust root system on a tetraploid daylily.



Roots from **H. 'Illinois Majestic'**

After talking with Sandy, I decided to again call that esteemed gardener, Pat Stamile, and ask him what his thoughts might be, *today*, about hybridizing with tetraploids. Pat's words are

There are so many more possibilities with tetraploids. The doubling of the chromosome count leads to remarkable ability to enhance the size of the flower, the hue and saturation of the colors, the strength of the scape (important in

spiders), bud count and branching, disease resistance, and flower substance. Any trait you can imagine can be enhanced in the tetraploid. Tetraploids are just giga versions of the traits in a diploid. While it is absolutely more difficult to uncover recessive traits in the tetraploid as opposed to the diploid (which is why many breaks occur there first), once a trait is recoverable in the tetraploid it is easier to capture and work with that trait. The same process that makes it hard to uncover recessive genes acts to buffer against the loss of a valuable trait. Progress in tetraploids is always slowed by fertility issues, but that has not stopped those who work with these wonderful flowers. Meanwhile I believe continual progress will be made in diploids. Both are important to the future of the daylily.



H. 'Blazing Cannons'

I notice that Pat said tetraploids are the "giga" version of traits in a diploid. I looked up the meaning of the word giga, and I found it to be as follows: A unit prefix in the metric system sometimes denoting a factor of perhaps a billion. I would add that Pat is a retired Professor of Mathematics from the State of New York.

To write about hybridizing with tetraploids I have to include my extra-large flower, **H. 'Blazing Cannons'**. It is a cross between two champions: A champion "pod parent" from the Kinnebrew garden, and another champion "pollen parent" from the garden of Larry Grace. These two parents produced a brilliant red flower that is 7" in diameter. **H. 'Blazing Cannons'** has won numerous awards; including the 2015 AHS President's Cup, Honorable Mention, and the Award of Merit. Indeed it is one of the top five daylilies on this year's Region 5 popularity poll, and it is also a favorite daylily in other regions. It also helped me win the 2017 award for Georgia Hybridizer of the Year. Most recently, it won the AHS Specialty Award for the best Extra-Large Daylily, and special thanks go to Rich Rosen of Kentucky for his work in creating this Extra-Large Specialty Award.

Another friend, Lee Pickles, grew both diploids and tetraploids. Lee named one of his diploids **H. 'Choo Choo Caboose'**, and he



Seedling 7-848

asked me if I would convert it, which I did. Before we lost Lee, he saw the best flower that I made from **TET. Choo Choo Caboose**, which is Seedling 7-848. This red daylily is 27" tall with 4-way branching, and a 4-inch flower. I am very anxious to have 7-848

introduced, and this will likely happen in 2023. This lovely, small daylily will be perfect for most anywhere, and the color is so, so deep and vibrant. Obviously, the conversion of Lee's diploid increased the impact of the red color, in my opinion is another advantage of hybridizing with tetraploids.

I've also heard it said that big advances are made with diploids, and I've certainly seen this happen. But this has also happened for me in using tetraploids. A recent example comes from making the following cross: (**H. 'Illinois Majestic'** x **TET. Rose F. Kennedy**). Remember that **H. 'Illinois Majestic'** has a very noticeable bright **red color**. Remember also that there is much **red color** in **TET. Rose F. Kennedy**. Likewise remember that the main characteristic of **TET. Rose F. Kennedy** is its **deep green eye**. Well, from my cross, I made Seedling 5-785, which has a lot of deep green and chartreuse colors. But what happened to the red color? I don't know. But I do know that 5-785 is 38" tall with 3-way branching, 18 buds, and a 7.5" Flower. It is just so beautiful that anyone who sees it in the garden just has to stop and look. I have 26 fans, and it will probably be introduced in 2021. So,

(Continued on next Page)

My Experience in Hybridizing With Tetraploids (cont)



Seedling 5-785

unexpected breaks can happen when hybridizing with tetraploids in light of the higher probability with diploids.

Larry Grace converted **H. 'My Cup Overflows'**, and since I've long admired Pat Stamile's **H. 'Fancy Lace'**, I crossed these two plants together. Wow! One wonderful result is Seedling 8-713, which was a favorite of Oliver Billingsley when he visited our garden this past summer. It is 30" tall with 3-way branching. It is exceptional because it has an 8" flower. I would have hoped that it would have had more branching; but I've observed that if an extra-large flower is produced, then there is usually a reduction in the branching. I would note, however, that I can put the petal beneath my thumb, and my forefinger on the opposite side of the petal

and slightly squeeze my thumb and forefinger, and then I can feel the thick substance of the flower. I believe that 8-713 is an example of increased size, strength, and substance of tetraploids.

In thinking about Larry, I remember him mentioning to me that I didn't seem to be working with "patterns." There really weren't any "patterns" in my daylilies. I knew Larry was right, and so I soon created **H. 'Magical Morning'**. This beautiful creation is now in its second year on the market. It is a small flower and has five-way branching. Another flower with a pattern that I've had to bloom is Seedling 5-772. The



Seedling 8-713



H. 'Magical Morning' (Waldrop, 2017)

parents are as follows: (**Tet. Wild Dreams** x **H. 'Four Beasts in One'**). 5-772 is 30" inches tall with really good branching. These daylilies with patterns are more examples of the creativity that can be done hybridizing with tetraploids.

The last daylily that I will mention is Seedling 9-53, and the cross is as follows: (**Spacecoast**



Seedling 5-772

H. 'Scarlet Desire' x **H. 'Red Hot Miracle'**). This is truly a red "hose in hose" double, and I've had a number of similar seedlings to bloom. 9-53 bloomed in 9 months. It is 29" tall with 4-way branching, 20 buds, and a 6" flower. I'm going to have many more red doubles having used Jamie's **H. 'Spacecoast Scarlet Desire'** and his **Tet. Double Redhead** as both pod and pollen parents. This enhanced red double is another example of what can be done in tetraploid hybridizing. I see more of these coming soon to our gardens.



Seedling 9-53

Today, after decades of experience, I can

confidently recommend that a gardener consider growing and hybridizing with tetraploids particularly because of my following observations:

- Tetraploids seem to have stronger roots, stronger foliage, and stronger scapes.
- Tetraploid flowers have deeper and more vibrant colors.
- Tetraploids produce bigger flowers.
- The substance/thickness of tetraploid flowers is usually superior to diploid daylilies.
- Tetraploids have double the chromosomes and therefore have a higher probably of producing genuine surprises such as teeth and superior edges.
- Many diploid traits may be significantly enhanced by conversion and pollination with tetraploids.

We are all overjoyed with God's best flower, the daylily; and as Pat told us, greater progress is on the horizon whether hybridizers are using tetraploids or diploids. Thanks to Jamie Gossard, Karol Emmerich, Larry Grace, Sandy Holmes, and Pat Stamile for contributing to this article. *(All photos in the article were furnished by Bill Waldrop)*

Editor's Note: Some statements in this article reflect the opinion of the author and other hybridizers and not necessarily the opinion of The Georgia Daylily.

How We Grow Daylilies

By Bruce Fowler

Before we begin, what is worth saying... there are multiple ways to grow good daylilies; but to do so, and to do it well, gardeners and hybridizers must find their own niche. This means having patience as well as taking the time to educate yourself on the daylily's needs.

First, I do not claim to be an expert; but I do have 45+ years of experience in agriculture. We grew many different crops, each one having the individuality of their own children. In 1996 we added greenhouses to our operation, where we germinated and grew 40 to 50 million vegetable transplants per year. Here I totally had to relearn the art of growing plants. The fertilization went from pounds per acre in the field (lbs./ac) to parts per million (PPM) in the greenhouses. I went from planting seeds in unlimited amounts of soil in the field to 14 to 15 cc of soil in the greenhouses. I had the opportunity to make many mistakes and did. Thankfully I had the opportunity to learn many things throughout this journey, or at least one would hope, and hopefully some information here will benefit gardeners with their own daylilies.

Kathy and I believe that there are 4 main components to growing a good daylily: water, soil, fertilizer, and a good spray program (fungicide, Insecticide etc.). In this article we will focus more on the first three components.

1st there is Water: We well know that water, water, water and you will have a



good daylily. As you well know water is essential to survival, but we also feel it

takes more components for the daylily to reach its full genetic potential. Generally, 1 1/2" to 2" of water per week is sufficient. However, this is relative to the weather and how hot it may be, what stage the daylilies are in blooming, soil density, population, and many other factors. So, be sure to adjust accordingly.

2nd there is soil: The soil we use is made up of 60% pine bark, 10% sand, 15% Canadian

soil

- Pine bark 60%
- Sand 10%
- Canadian peat moss 15%
- Cow compost (manure) 15%
- Minor elements
- Remix soil each year



peat moss, and 15% cow manure. Pine bark is a popular additive in the southern area because of its availability. This should be well processed pine bark and chipped

into small pieces. Pine bark tends to tie up some of the nitrogen, so don't forget to adjust. Next in our soil is sand. Why sand you may say? Our reasoning is that pine bark will deteriorate over time and we need a material that will keep the soil from becoming compacted. It also helps the water to properly drain. Any material such as sand or perlite to add bulk is fine. We said earlier to water your daylilies a lot, but you also want them to dry out rather quickly. The third component in the mix is peat moss. We prefer to use Canadian peat. The Canadians have some of the best peat bogs in the world. A tad bit of information here: The shorter the fiber of the peat the more water it will retain. This is the reason that in Lowes and Home Depot some peat labels call it a germinating mix. The last component in the mix is cow manure or cow compost which makes your daylilies smile. Horse compost is better, but not as readily available in this area. The last thing we have the supplier to do is blend in a minor element package into our mix.

3rd factor is fertilizer: There have been some discussion as of late, about Southern daylilies being too large due to over fertilization. My response to this is, if one doesn't like large daylilies, please don't cut back on the nutrients just to hold down the size. Instead, maybe selecting a smaller cultivar, yet still supplying it with

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FERTILIZER:

- | | |
|---|-------------------|
| 1- <u>NUTRICOTE</u> ---18-6-8 (360 DAY) | 1/4 CUP (2.3 OZ.) |
| 2- <u>MILORGANITE</u> | 1/8 CUP (1.2 OZ.) |
| 3- <u>ALFALFA PELLETS</u> (don't use during summer) | 1/4 CUP |
| 4- <u>(18-6-10) top dressing</u> | 1/8 CUP (1.2 OZ.) |

Make sure 18-6-10 is used as a top dressing, sprinkling around, but not up against plant. You can lightly scratch it in if you like.

With this recipe you can fertilizer once a year preferably in the early fall.

It is always advisable to pull a soil sample each year and adjust fertilization program from soil sample.



18-6-10 applied as top dressing (can not put this in the trench with other fertilizer)

the nutrients it needs, would be a better alternative. Also, I cannot stress enough, always fertilize according to the soil sample, which we take every year. After adjusting the PH to 6.3 to 6.8, be aware, with the PH at this level, some of the minor elements may not be 100% available. We could go into this in another article. We also go into more detail of how to correct low minor elements in the program that we present. If the soil sample allows, we like using Nutricote 18-6-8 360-day slow release or some form of fertilizer with Florikot (high-performance coating technology). The reason we favor this is we can fertilize once a year and it doesn't burn the roots when placed close to them. Another good fertilizer is Super Rainbow 16-4-8 which is not a slow release and requires fertilizing in the Spring and the Fall. Don't get this fertilizer against the

roots; it will burn. Next in our fertilizer regimen is Milorganite, a source of organic material derived from human waste. Warning; when using some byproducts, pay close attention to the zinc level in the daylily beds. The zinc level in the last column on the soil sample. Normally we fertilize in the fall when we are redoing the beds and are lining out. The fertilizer we mentioned earlier is a slow release, which means when temperatures are 70 degree or below, little to no fertilizer will be released. This is the reason we add a "top dressing" 18-6-10, which is a 100 to 120-day fertilizer. We apply this fertilizer just like the name implies, as a "top dressing", letting the water carry the nutrients down to the root system. We like to use this so we can get the growth during the cooler months. As a result, when we start shipping in late March to

early April, our customers will receive a nice sized plant with a well-established root system. Again, the size is determined mostly by the cultivar, not necessarily the fertilizer. Some are just going to be smaller due to their genetics. Note: We are in South Georgia. The top dressing benefits us during the colder months. The farther north, the less need to top-dress in fall months.

At what rate do we apply fertilizer? Remember, if the soil sample allows, we normally like ¼ cup per double to triple fan in our beds or ¼ cup per 3-gallon pot of the 18-6-8. Plus 1/8 cup of Milorganite. When we are finished, we come back and sprinkle on some of the top dressing 18-6-10 avoiding the crown. This is all done in the Fall. When Spring comes, we like to take a tissue analysis and correct according to the test results.

Possibly in a future article, we will discuss how to determine how much nitrogen, phosphorus, and potash to use per 100 sq. ft. of the daylily bed. Also, we would talk more about tissue analysis and why we feel it can be an aid in growing daylilies.

Till next time,
Bruce Fowler of "Kathy's Daylilies"



Fowler Garden



H. 'Talquin's Dawn's Early Light'
(Fowler-B., 2019)
Bruce Fowler Photo

Rufus Youngblood

A Daylily Enthusiast Who Knew Five Presidents

By Tim Herrington

Recently, I watched a presentation from the Carter Presidential Center by a lady named Rebecca Youngblood Vaughn. She was talking about her father, Rufus Youngblood, and the new edition of her father's memoir, *20 Years in the Secret Service: My Life with Five Presidents*, she had published with more pictures and updates from some new files he had kept. Please allow me to share some information as to how this relates to our world of daylilies.

I met Rebecca when she was a little girl and lived with her parents in Savannah. Being retired as the Deputy Director of the U.S. Secret Service, Rufus Youngblood had moved back to his home state of Georgia, become a master gardener, and was an active member of the Savannah Hemerocallis Society.

I first met Rufus Youngblood at a daylily show, and he has to be one of the most fascinating and captivating folks I have ever met in the daylily world. In 1988, I first visited his garden, which was a typical sized suburban home then that



Rufus Youngblood

had a pool in the back surrounded by daylilies and accompanying beds on each side of his house. At that time his garden was going to be one of the five tour gardens for the upcoming AHS National Convention in 1989 hosted by the Savannah Club. I had the honor to be a bus captain and gladly guided a bus load full of daylily people from across America to the

Youngblood garden that year. He had around 175 daylilies and hosted guest plants hybridized by Myrtle Herrington from Alma, Georgia. He was very polite and talked with a crisp and affirmative voice. One would have never guessed he had witnessed some of our country's and our world's most defining moments in history while traveling with five U.S. Presidents from the time when Truman removed Gen. MacArthur to when Nixon opened up relations with China.

Rufus had a very special connection to President Lyndon Johnson. He told me of the times after LBJ passed away that Lady Bird Johnson would send a plane to Savannah to pick him and his wife Peggy up to attend their world renown barbeques at the LBJ ranch in Texas. She treated him like family he said. Lady Bird was known for her love of flowers, and as First Lady she coordinated efforts to put many flower beds in Washington, D.C. and established a nationwide wildflowers center in Texas.

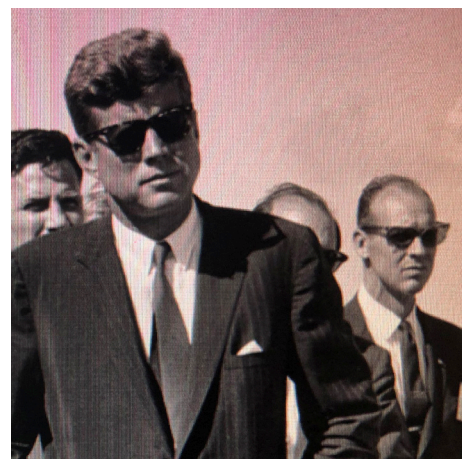
(continued on page 37)



Rufus Youngblood with President Truman (top right with hat)



Rufus Youngblood with President Eisenhower



Rufus Youngblood with President Kennedy

(Continue from Page 36)

Rufus Youngblood came to the Dublin Show one time and exhibited some of his daylilies. I never heard him mention the possibility that Lady Bird Johnson had an influence on him about flowers since she liked them so much, but I kind of believe she did. He told her about growing daylilies and being a member of a flower club in Georgia. You know their bond was special.

In 1964 President Lyndon Johnson remarked "My life is in the hands of Georgia and it is 24 hours a day under the direction of Rufus Youngblood,

and no greater or nobler son has this state ever produced, and no braver or more courageous man." Rufus Youngblood had more than a passing interest in the assassination of President John F. Kennedy. He was riding in the motorcade in downtown Dallas on Nov. 22, 1963, as the special agent in charge of the vice presidential Secret Service detail. Youngblood rode in an open Lincoln convertible with Vice President Lyndon Johnson, Lady Bird Johnson, Texas Sen. Ralph Yarborough, and a driver. Only a Secret Service follow-up car separated him

from the president's limousine, and the violence that unfolded there with graphic finality on a warm Dallas afternoon when he shielded the Johnsons from a sniper's bullet.

Born in Macon, Georgia, Rufus Youngblood was raised in Atlanta and enlisted in the U.S. Army Air Force shortly after the Pearl Harbor attack. During World War II, he flew in some of the Eighth Air Force's earliest combat missions. After graduating from the Georgia Institute of Technology with an industrial engineering degree, he joined the Secret Service in 1951 and protected Presidents Truman, Eisenhower, Kennedy, Johnson, and Nixon during his 20-year tenure.

For me, daylily memories of fellow growers are found in a glorious grab bag of the past from which I can at leisure pluck experiences of times gone by and relive them. My memory of Rufus Youngblood is very special, for not only was he a true American hero, but he loved daylilies just like all of us do as members here in Region 5.



**Rufus Youngblood
with President Johnson**



**Rufus Youngblood
with President Nixon**

Attention All Georgia Hybridizers

You are invited to nominate one of your daylilies for the Georgia Hybridizers Award for the year 2020.

The rules are

- 1) You can nominate only one cultivar;
- 2) The cultivar must be registered by a Georgia Hybridizer; and
- 3) The cultivar must not have won the award in previous years.

Procedure

Please send your nomination on a separate sheet of paper to:

James Fennell, Region 5 President
320 Pitts Road
Hawkinsville, Ga. 31036-8608

The Georgia Daylily

or you may e-mail him your nomination at jaf@fennell.org. All nominations must be submitted by February 15, 2020.

The name of the cultivar and the hybridizer must be listed as it is officially registered using the ADS registration guidelines. It is the hybridizer's responsibility to make sure the eligibility rules of the cultivar/cultivars nominated are accurate.

The submitted nominations from all hybridizers will be combined into one ballot listing all cultivars nominated while also allowing for a space for a write-in nomination.

This ballot will be published in the spring

issue of *The Georgia Daylily*. This way all Region 5 members would know which cultivars are contending as they visit gardens and observe nominees during the peak bloom season.

As in the past, the ballots must be received by the deadline announced in the next edition and signed by the member voting.

The Region 5 Hybridizers Award will then be presented at the fall meeting by the Region 5 President as it has been done in the past.



Head Table at the 2019 Northwest Georgia Show

2020 Region 5 Exhibition Judges

Bruce Alsup	EX/S	2023	I	Winfred Huff	EX	2021	I	Joann Stewart	EX	2023	I**
Camilla Arthur	EX	2023	I	Vernon Johnson	EX	2020		Bill Surls	EX/S	2022	
David Arthur	EX	2023		Jack Joiner	EX	2020	I	Selina Swaim	EX/j	2022	
Pat Bonner	EX	2022		Barbara Kirby	EX	2021	I	Ryan Tolbert	EX	2021	
Jack Brock	EX	2022	I	Gail Knight	EX	2023		Marion Tyus	EX	2020	I
Marlon Brown	EX/S	2022		Cecilia Land	EX/j	2022		Sidney Ward	EX	2022	I
Diane Bush	EX	2020		Earl Lawson	EX/S	2023		Yolanda Ward	EX	2022	
Renee Carleton	EX/j	2022		Karen McLeod	EX/S	2022		Joe Scott Watson	EX	2022	I
Claude Carpenter	EX	2022	I	William McLeod	EX/S	2022		David R. Williams	EX	2020	
Mike Curlin	EX	2022		Pat Mercer	EX	2022	I	Jessie Worsham	EX	2022	
Rose Mary Dixon	EX	2019		Claudia Miller	EX	2019					
Scott Elliott	EX	2023	I	Camilla Mitchell	EX	2020					
James Fennell	EX	2022	I	Anna Mixon	EX/j	2022					
Louise Fennell	EX	2022		James Mullins	EX	2023	I				
Mark Franklin	EX	2022	I	Lori B. Murphy	EX/j	2022					
Patty Franklin	EX	2022	I	James Netherton	EX	2021					
Belinda Gibbs	EX	2021		Cynthia Rigsby	EX	2022	I				
Tim Herrington	EX	2022	I	Jack Rigsby	EX	2022	I				
Lee Hicks	EX	2019		June Scoggins	EX	2022					
Janie Huff	EX	2021	I	Janie Seglund	EX/j	2022					

Legend

EX	Senior Judge
E/j	Junior Judge
E/S	Student Judge
20XX	Expiration
I	Clinic Instructor
**	Region 5 Judges Liaison

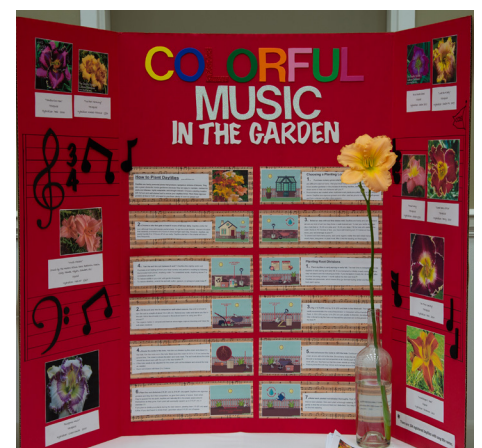
This list is an extract from the AHS Membership database and may not be 100% accurate.



Diana Waldrop's Winning Entry in the Cobb County Show



Judging during the Greater Atlanta Show



Display at the Cobb County Show



Scene from Carpenter Garden showing H. 'Ghost Ranger' (Elliott-S., 2015) and H. 'Heavenly United We Stand' (Gossard, 2009)

2020 Region 5 Garden Judges

2022	Camilla Arthur	2022	Patty Franklin	2024	Charles Self
2022	David Arthur	2022	Heather Herrington	2023	Maxine Self
2019	Tim Bell	2022I	Tim Herrington	2022	Bill Waldrop
2021	David Bishop	2022	Janie Huff	2022	Diana Waldrop
2021	Doris Bishop	2022	Winfred Huff	2022	Sidney Ward
2019	Pat Bonner	2020	Jan Joiner	2022	Yolanda Ward
2022	Brinda Briley	2020	Royce Joiner	2022	Janet Watson
2019	Sharon Brown	2023I	Barbara Kirby	2022I	Joe Scott Watson
2024	Renee Carleton	2023	Gail Knight	2019	Shelia Woo
2019I	Claude Carpenter	2022	Bruce Kovach	2019	Stanley Woo
2023	Buddy Childs	2024	Earl Lawson	2023	Jessie Worsham
2024	Sue Cliett	2020I	Harold McDonell		
2024	Karen Cotton	2024	Kevin McClinton		
2022I	Rose Mary Dixon	2021	Cristy McGough		
2019	Don Eller	2019	Steve Mercer		
2019	Nancy Eller	2023	Anna Mixon		
2019	Dominique Elliott	2020	Karen Mowry		
2021	Scott Elliott	2021	James Mullins		
2022I**	James Fennel	2021	Mary Netherton		
2021	Kenyon Fennel	2021	Cynthia Rigsby		
2023	Louise Fennel	2021	Jack Rigsby		
2022	Mark Franklin	2020	June L. Scoggins		

Legend

20XX Expiration Year
 I Instructor
 ** Region 5 Judges Liaison

This list is an extract from the AHS Membership database and may not be 100% accurate.



H. 'Cyberhawk' (Gossard, 2013)
 Claude Carpenter Photo



Scene from Huff Garden
 Claude Carpenter Photo

Region 5's

Club Auction



Albany Daylily Society

Toni Pickel, Reporter

August 2019

The Albany Club hosted Guest speaker and friend, Tim Herrington, on August 17 for lunch and fellowship. Mr. Herrington is always a treat to have speak at our meetings, and his plants are always great to have in the garden! Everyone enjoyed his visit and program and seeing what he has up his sleeves for future introductions!

September 2019

The Albany Club hosted our monthly meeting on September 21st with guest speakers Bruce and Kathy Fowler from Kathy's Daylilies. They have such an awesome program and wonderful daylilies! If you have not had the chance to have them present to your Club, you should do so. I do not know where they find the time or energy to do all the things they do! Wonderful plants and people!

October 2019

The Albany Club hosted our Annual Points Auction on Oct 19. Such a great time had by all who were in attendance! Kudos to our growers of the points plants, our workers who made the program possible, and of course our hybridizers from whom we purchased the plants! Such a great variety of plants that no one left without getting something they wanted and fell in love with!

November 2019

The Albany Club will host our annual Thanksgiving Dinner and meeting on November 16 with guest speakers David and Doris Bishop. I know everyone will have a great time with the Bishops and enjoy being together for the Holidays.

December 2019

The Albany Club will be hosting our annual Christmas Dinner and "Dirty

Santa" gift exchange on December 14. We will not be having a guest speaker this month, but I'm sure everyone will be having a great time with the gift exchange.

January 2020

The Albany Club will host our monthly meeting on January 18, 2020, with guest speaker and AHS President Scott Elliott! We are very honored to have Scott come to our meeting as we know he is very busy.

February 2020

The Albany Club will be hosting Claude Carpenter during our February monthly meeting on February 15! We look forward to hosting our daylily journal publisher and friend!

Heart of Georgia Daylily Society

Wanda Willis, Reporter

Fall has arrived, and it is time for us to make preparations for upcoming winter by cleaning our gardens and adding mulch or pine straw for protection. Remember to water as needed.

Vesta Shoup Day was our September meeting speaker. She now lives in Lake Park, Georgia. To make this a fun day, silent auctions were held, grab bags were sold, bargain daylilies were available, and everyone went home with a free daylily. The food and fellowship was outstanding

so it was a wonderful day.

For our October meeting our guest speakers were Jeff, Elizabeth and Alex Salter, who gave a presentation of their new introductions and futures. Afterwards an auction was held on their new introductions so our gardens will have some beautiful additions next season. Before the meeting everyone had an opportunity to purchase gorgeous daylilies.

The next meeting will be our Christmas party, and it will be a fun day with no business.

Random acts of kindness awards are given to deserving members. Someone is surprised with a daylily at each meeting. Recent recipients are

- Eula Fluellen
- Brenda Peavy
- Anne McWilliams
- Joe Tripp



ctivities

Daylily Society of Greater Augusta

Arleigh Mansfield, Reporter

On July 14 President Larry Kirkland called the meeting to order, announcing that scheduled speaker Peggy Jeffcoat was unable to attend, so Larry Welch had graciously consented to bring a program on treating daylily rust.

Larry Welch used well-made posters and printouts to explain the life cycle of rust spores. Nona Ligon supplied an infected plant so that everyone could see the villain rust. Beside causing the plant to have an unpleasant appearance, the rust can lead to crown rot.

Larry presented the problem, showed

the effects on the daylilies, and provided a treatment plan. He elaborated on the process of getting a remedy to market.

After Charles White gave the treasurer's report and Arleigh Mansfield supplied the minutes from May, we decided on September 28 at the Shaws' Sunshine Gardens for the potluck and daylily auction. There followed a discussion about obtaining daylilies for the auction. We voted to spend \$500.00 with Peggy Jeffcoat at Singing Oakes Garden.

We are always looking for ways to make our society known around town.

President Larry Kirkland suggested designing and establishing small gardens in the area. There was no discussion at this time.

September 28 was hot, hot, hot. Setting the potluck for a week later than usual did not improve the comfort level of this prolonged summer. Nineteen people gathered, feasted, and bid on a variety of quality daylilies. After expenses we had raised over \$1,000.

Our next meeting will be November 10 at 2:30 at Lake Park Baptist Church. The program will feature pollinators.

Middle Georgia Daylily Society

Winfred Huff, Reporter

We here in the Middle Georgia area are enjoying the cooler and wetter weather, as are the daylilies as they begin their last days of being on display.

Our club had our end of the year point system auction. Many cultivars from Guy Pierce and Dan Hansen went for some unbelievably low prices. All members took advantage of the sale. We send out a great big "THANKS" to Bruce & Kathy Fowler who grew the lilies for us. There were more on the auction table than you could, as the proverbial saying, "shake a stick at."

Our members are getting ready for our annual Christmas dinner. We will have as our guests Jeff & Elizabeth Salter. We always look forward to their coming and being a part of our club. It has become an annual event.

We would like to send out our "congratulations" to Winfred & Janie Huff, who are the 2019 Tom Wise Award recipients. They were presented their medals at our last winter meeting held in Warner Robins.

James Fennell, who is a member of our club, will take over as President of Region

5 beginning in 2020. We are fortunate to have members who enjoy being a part of a club and a region, while lending a helping hand in making the club and region what it is.

Our Exhibition Show will be Thursday, June 4, 2020, at the Centerville Mall in Centerville, Georgia. Come by and see us; we would love to see you there.

Until next time, enjoy the winter months and look forward to the Spring and Summer of 2020 when the daylilies will once again put on a great show.

Cobb County Daylily Society

Diana Waldrop, Reporter (photos by Bill Waldrop)

On Saturday, September 21, 2019, we enjoyed our annual Fall Picnic and ARMS Plant Auction at the Kennesaw Mountain Daylily Gardens. Our club always provides the fried chicken, and everyone brings a dish to share. We enjoyed the delicious meal and conversation, David Bishop conducted our Auction. He always makes it very entertaining.



Club members at the annual picnic in September

As you know ARMS points are earned by doing club work such as bringing in food for our meetings, digging and dividing

daylilies, and selling these same daylilies to the public. We also earn points by being an officer of the CCDS. These points are like dollars to purchase new daylilies. Our plants this year came from Scott Elliott and Katie Lou Greene. Bill Waldrop donated H. 'Illinois Majestic' for the raffle.



Our club auctioneer selling corn

Our President's Trophy for outstanding work for the CCDS was presented to Ida and Ken Dixon. They are our Hospitality Chairs, and they make sure we have food and drink at all events. Ken is a superb digger of daylilies as we prepare for our sales, and Ida helps to make our labels every time we have any kind of daylily sale. We can always count on Ida and Ken to help with any project. Congratulations Ida and Ken! We are so glad you are members of our club.



Ida and Ken receiving the award

Chattahoochee Valley Daylily Society

Glenn Ward, Reporter

We would like to invite everybody to attend our club meetings, which are held on the 1st Saturday of every other month (Jan, March, May, July, Sept., & Nov.) except when the meeting date falls on a holiday weekend, AHS Region 5 meeting, or AHS National Convention date, at which then we meet the following weekend. Our meetings are now being held at the Edgewood Presbyterian Church, 3617 Macon Rd., Columbus, GA.

At our November meeting we had Tim Bell as our guest speaker. His program was on his hybridizing program and companion plants in the garden. At the end of Tim's presentation, he auctioned off many of his present and past introductions. Everyone who attended the meeting was more than pleased with the plants they purchased as well as the great bargains.

The CVDS annual Christmas party will be



held at the Columbus Botanical Gardens on December 15, 2019, at 6:00 pm. There will be lots of food and some exchanging of Dirty Santa presents.

At our January 4 meeting, we will install our new officers for 2020 - 2021.



The hard working outgoing club officers for 2018 -2019

The Georgia Daylily

Daylily Society of Greater Atlanta

Cynthia Rigsby, Reporter (photos by Claude Carpenter)

Ah, fall! The cooler weather is so enjoyable. It makes cleaning our daylily beds and preparing them for the winter so much more pleasant. Our club started the fall season by having our annual MAPS auction. Members collect points (or MAP dollars) during the year; then we get to spend them on flowers that the club procures from various hybridizers. This year the plants came from Eric Simpson of Blue Ridge Daylilies in North Carolina. The plants were in fine condition, and those who won bids for them were very pleased.

During our September meeting, we not only had our MAP auction but we had an auction of Harold Verner's introductions. The Verner auction was all cash, and the money, with an amount from our treasury to make \$1,000.00, was donated to St. Jude's Children's Hospital in memory of Harold. Harold was a very active and valuable member of DSGA for many years, and he supported St. Jude's by hybridizing a daylily named H. 'Miracle of St. Jude' and giving all the profits from the sales of that daylily to the hospital.

At the end of September, members attended the Duluth Fall Festival to have our plant sale. This is a fun experience for



(H. 'Miracle of St. Jude' Verner, 2007)

everyone as we see people who return each year to tell us about how wonderful the daylilies are that they bought the previous year. Then they buy more! We did so well this year that we sold out of plants by noon of the last day of the festival.

The club is looking forward to the November 9 meeting with Lonnie and Glen Ward as speakers. For our Daylily Education corner, we will discuss how we get our gardens ready to put to bed for the winter. The theme for the luncheon is Thanksgiving, and we will have the



Harold Verner with his Best In Show Entry of H. 'Varsity Orange' (Waldrop, 2008)

traditional turkey, dressing, and giblet gravy with members to bring sides to go along.

The end of the year brings us to our annual Christmas party. The luncheon will be catered, and members will bring gifts to exchange, but they never know what they will be taking home until the very last number is called. Some gifts change hands many times. This is always a fun occasion.

DSGA always welcomes visitors and new members.

Valdosta Hemerocallis Society

Kathy Fowler, Reporter

Well the bloom season is done, and everyone is preparing their flowers for the winter ahead. July found us at the garden of Tim Bell, "Bell's Daylily Garden" for our new membership drive. We brought in 2 couples and 1 individual as new members. We always have a great time at Bell's Garden.

August we were back at the Western Sizzlin and had a great meeting and program presented by one of our very own youth members, Cody Beasley. Cody presented a wonderful and informative program on "Agra Science". He participated in a 6-week internship during the summer, studying and compiling information. We are very fortunate to have Cody as a member. We also presented the new officers to the club for any discussion and

The Georgia Daylily

for any other nomination to be presented.

September we were fortunate to have Bob Faulkner from "Natural Selection" Garden in Dayton, Ohio, join us and present a fabulous program full of great information. Bob has been involved with daylilies since 1994. The meeting was held in the garden of Bruce and Kathy Fowler, "Kathy's Daylilies." Kathy Fowler was fortunate to be gifted with a few seeds from a new line of cultivars being grown. We also had a new member join at this meeting.

October found us back in the garden of Bruce and Kathy Fowler, 'Kathy's Daylilies', for the yearly points auction. Bruce and Kathy grew all the plants for this auction. Plenty of flowers were available for everyone to get what they wanted with their points. Before we began, all the new

officers were announced, and they will be taking office January 1, 2020. Again, we had another new member come on board.

Great times and fun filled picnics were had over this period. All are invited to attend our meetings and learn about daylilies and much more gardening type information. We always have some type of auction at the end of each meeting with some of the proceeds going to the club. Our next meeting will be December 6 which will be a combined November/December meeting. We will celebrate Christmas at this time.

Until next time.... Valdosta Daylily Club

Dublin Area Hemerocallis Society

Tim Herrington, Reporter

The club meets the 4th Monday of each month at 6:30 p.m. at the Oconee Fall Line Technical College in Dublin. We start our meetings with a prayer and then the meal. Members are always delighted with the variety of food everyone brings to each meeting. Next our Secretary Lana Lott always reads the minutes from the previous meeting. Then our Treasurer, Cecilia Land, gives us a financial report. After that Chip Wood always gives his President's report.

At the end of each program we all get a chance to draw for many wonderful door prizes. Since the last publication, we have had 3 meetings. In August our program was presented by Claude Carpenter, Editor of *The Georgia Daylily*, who has had a very distinguished resume of dedicated service in various leadership roles for the past 19 years in our society. One of his talents is that of being a photographer extraordinaire and he gave us many tips about photography such as the advantages of shooting RAW vs JPEG images, composition, recognizing



Claude Carpenter
Giving photography presentation

symmetry, and tips on good backgrounds for daylilies with companion plants. He then showed us many outstanding pictures that he has taken over the years, for he has great skills to make his images come to life and really enhance the beauty of the bloom.

In October the club had its annual 'Points

Auction', which is a program that rewards members with points that equate to a dollar value. To earn and accumulate points, we have a list of annual activities where one can earn points each month which works on the honor system. Each member has the responsibility of reporting the points in the reporting book at each meeting. This year we got a bid offer for daylilies from the Nethertons and got a great deal for some outstanding daylilies.

In September we had what we call a 'Pocket Change' auction where some members brought some plants to help support our activities. Our auctioneer extraordinaire for both auctions was our president Chip Wood. Any daylily person in this area is invited to join the club, so please feel free to contact any member for we are a fun group of daylily lovers who are committed to promoting daylilies and the fellowship obtained through our activities. Any of the members can be contacted for information about the meetings.

Northwest Georgia Daylily Society

David Bishop, Reporter (photos by Claude Carpenter)

The club meets the fourth Saturday of each month except November and December at 10:00 AM at the beautiful Stiles Auditorium on West Cherokee Avenue, Cartersville.

In August we held our annual MARS points auction. All went home with some great daylilies as a reward for their hard work for our club.

September saw Mark and Patty Franklin give their presentation to our club. They did a fine job, and we recommend them

to other clubs.

In October our members will show pictures of their gardens, have a plant swap, and investigate any changes that members might want to make as we review what was done this year.

January will see our local Extension Agent, Paul Pugliese, giving a presentation to our club.

The annual panel discussion about growing daylilies will be held in February.

We have Jamie Gossard coming to speak to our club in April.

Patty Acree will again do our hands-on Grooming Clinic in May to lead up to our June 13 Daylily Show. Jo Ann Dorsey will instruct us concerning the Design Division.

We have a Bargain Table and Refreshment Table each meeting. A daylily is given away at the beginning and end of each meeting. New members and visitors receive free daylilies. We tend to laugh a lot. Our club will host the 2021 Spring Regional, and plans are already being made for that event.

North Georgia Daylily Society

Janann McInnis, Reporter

Officers for 2020:

President: Perry McAllum
Vice President: Elaine Kelley
Secretary/Treasurer: Janann McInnis
Treasurer: Joanna Gardner
Parliamentarian & Hospitality: Julia

Lyons
Sunshine: Renee Bennett
IT Specialist: John Solomon
2020 Show Chairman, venue and dates for the 2020 Daylily Show have not been finalized.

Doris and David Bishop of Shady Rest Gardens in Cartersville were guest speakers in October. They presented a lively program and held a plant auction.

Ogeechee Daylily Society

Mike Curlin, Reporter

On October 8 the Ogeechee Daylily Club had their monthly meeting at Elmer Baptist Church, Statesboro, GA. Light refreshments were served.

Everyone was encouraged to bring a daylily for a Trick or Treat swap.

We had special guest speakers Jan & Royce Joiner, who gave a wonderfully informative talk and slide show on what to do to your daylilies in the fall.

Our next meeting will be November 12, 2019, at the same location with a covered dish for our Thanksgiving Dinner. Afterward we will be playing Bingo with a chance to win daylilies.



Jan Joiner
Giving presentation at the October Meeting

How to Make a Fortune Selling Daylilies

By Lili Blume and Bud N. Branch

Making a fortune by selling daylilies is really very simple. All you have to do is buy daylilies, grow them, and then sell them to the public. Since Social Security will let us earn \$15,000 per year with no penalty, let's make that our goal. We'll need some stock to increase, so spend maybe \$7,500 on daylily plants. So far, so good, still a good profit. Should we purchase some fertilizer? Many growers like timed-release fertilizer, so we'll run over to Griffin's Greenhouse near Ball Ground, GA. We get two bags at \$75 each, so \$150. Milorganite is a fertilizer and helps keep deer and rabbits out of the garden because of the smell. Home Depot sells it for \$14.00 per 36 pound bag. Three bags will come to \$42, plus \$3 tax, or \$45 total. Epsom salts will add magnesium, so we pick up 14 pounds at Walmart. \$10 for that. Alfalfa pellets have a natural growth hormone in them, so



A good deer rifle doesn't cost much

we'll need to get a few bags of that. Buy horse feed alfalfa pellets, as the ones for rabbits might have salt in them. That's about it as far as purchases go.

good stuff for our daylilies to increase. We'd better get "Organic Potting Soil" from our supplier. \$50 worth will be good enough for our flowers, so get \$75 worth. Are you on board now? Of course, you'll need to keep these plants well-watered to maximize their reproduction.



Spray the DLs for insects and rust..

Buy hoses and sprinklers. Your water bill might go up some. We had a water bill of \$1,064 in July one summer. They cut our water off because they thought that we had a leak. We did, but it was at the end of a hose. Your bill isn't likely to be anywhere that high, so let's call it \$700. Per month. We had a well dug so that we could water as much as we wished. You could dig your own well, but 180 feet is a long way to excavate with a shovel. We had a total of 1100 feet of water lines dug with 13 frost free faucets spaced around so that we aren't dragging around hoses and sprinklers. You'd better purchase plenty



Fencing is optional, but it keeps out neighbors and other animals



Rust adds a colorful blend to the foliage

Oh, yeah, we'll need some dolomitic lime to adjust the pH level of our soil so that it will absorb those nutrients. Lime will cost us around \$4 per bag. Soil! We'll need to get a load of top soil so that we can have

(Continued on page 46)

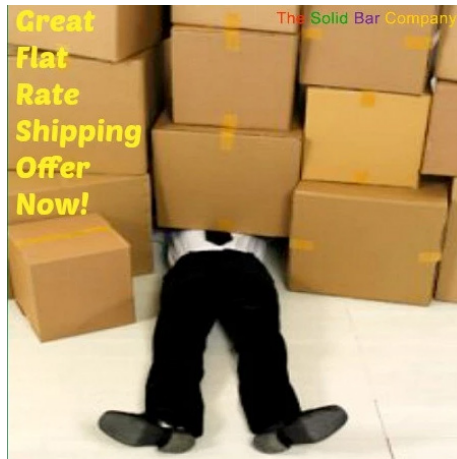
How to Make a Fortune Selling Daylilies (cont.)

(Continued from page 45)

of hoses and sprinklers. How much could they cost? The well pump probably won't use enough electricity to raise your bill. Unless you actually use it. The good news is that you can drain the lines when it gets cold, as you do not want the water in the lines to freeze. There will be some repair costs on the well pump unless you never have electrical storms. Take up the hoses and sprinklers and put them under a roof so they won't weather in the winter after you quit watering for the year. You'll get to put them back out in the spring. Plan on replacing some of them in the spring when you take them out and hook them up. You'd better pick up some splitters to place on the faucets. Don't waste your time on the plastic ones. The brass ones cost more but will last longer.

You might buy a pickup truck to haul all of this stuff. The average monthly payment for a new truck would be about \$500. You could get a used one for less money, but then you have to pay for repairs and wait days until it gets fixed. Pickups can be used for lots of other things, too, like carrying off garbage. They usually get lower gas mileage, so you'd better figure that, too.

Since you now own a business and want to increase your sales, a website is a must



Shipping is fun and easy

these days. Figure in the cost of that. You probably wish to get business cards. Plant labels with your business information and contact information will help the business, too. Buy a few books of invoices so that you can include invoices in the shipping boxes. Packing tape will secure the boxes. Workers at the post office will get to know you, as you'll be doing a lot of shipping. Shipping costs may be more than you figured in the prices. Be prepared to lose some money in shipping. A State license will be required to sell live plants. People won't be repeat customers if you send them dead daylilies. Better buy a new camera, too.

Unless you value your time, there are no labor costs involved. In the spring shipping season, there are lots of other things that need to be done in the garden. That can wait. Fall shipping is better, especially if you like it hot.

We have purposely left out a few things from the list of expenses, but you'll discover them yourself. Surprises are fun! Some, anyway. If you add up all of these costs, you may find that the best way to make a fortune in selling daylilies is to invest TWO fortunes.

In the next article, we explain how to claim business losses on your income taxes. After that, we'll show you how to run a daylily selling business from prison.



The Shippers do a great job



H. 'Almira Buffalo Bone Jackson'
(Faulkner, 2010)
Claude Carpenter Photo



H. 'Little Castaway'
(Huff, 2013)
Claude Carpenter Photo



H. 'Tool Man Tim'
(Herrington-H., 2014)
Claude Carpenter Photo

AHS Region 5

Officers, Liaisons, and Club Presidents

Regional President

James Fennell
320 Pitts Road
Hawkinsville, GA 30906
jaf@fnnell.org
(478)988-5582

Regional Publicity Director

David Bishop
35 Northwoods Drive, NW
Cartersville, GA 30121
(770) 386-0438
casshigh@hotmail.com

Secretary

Doris Bishop
35 Northwoods Drive, NW
Cartersville, GA 30121
(770) 386-0438
casshigh@hotmail.com

Treasurer

Jack Rigsby
3180 West Somerset Court, SE
Marietta, GA 30067
(404)316-9412
rigsby_j@bellsouth.net

Editor, *The Georgia Daylily*

Claude Carpenter
6075 Vickery Pt
Cumming, GA 30040
(678)469-4731
claudecarpenter@comcast.net

Exhibition Judges

Joann Stewart
2300 Simonton Bridge Road
Watkinsville, GA 30677
(706) 424-1079
simontonbr@aol.com

Garden Judges

James Fennell
320 Pitts Road
Hawkinsville, GA 30906
jaf@fnnell.org
(478)988-5582

Awards and Honors

Tim Herrington
1617 Bellevue Road
Dublin, GA 31021
(478) 272-8794
herringtontim@bellsouth.net

Display Garden Coordinator

Jessie Worsham
635 Morningside Drive N
Stockbridge, GA 30281
(770)548-3707
jessie.worsham@gmail.com

Photography Awards

Winfred Huff
146 Henson Road
Hawksville, GA 31306
(478) 987-3763
wdhuff@comsouth.net

Youth Liaison

Winfred and Janie Huff
146 Henson Road
Hawkinsville, GA 31306
(478) 987-3763
pamahuff@windstream.net

Region 5 Portal Coordinator

James Fennell
320 Pitts Road
Hawkinsville, GA 31036
(478) 988-5582
jaf@fennell.org

Scientific Coordinator

Scott Elliott
658 Edward Smith Rd.
Ellabell, GA 31308
(912) 596-7252
scottelliottdaylilies@yahoo.com

American Daylily Society

AHS President

Judie Branson
2301 Woodland Ave
Springdale, AR 72762
(479) 841-617
president@daylilies.org

AHS Executive Secretary

Beverly Winkelman
17103 Herridge Road
Pearland, TX 77584-7557
(281) 489-1172
membership@daylilies.org

Editor, *The Daylily Journal*

Adele Keohan
304 Lowell St
Wakefield, MA 01880-1761
Journal@daylilies.org

AHS Region 5 Director

Scott Elliott
658 Edward Smith Rd.
Ellabell, GA 31308
(912) 596-7252
scottelliottdaylilies@yahoo.com

Albany Daylily Society

Penelia (Penny) Certain
3597 Sumner Road
Moultrie, Ga.31768
4certainpenelia@gmail.com

Central Georgia Daylily Club

Rebecca Brock, President
154 McCullar Weaver Road
Milledgeville, GA 31061
(478) 452-0969; (478) 452-0472 Cell
Jackbecky154@charter.net

Chattahoochee Valley Daylily Society

Larry Miller
22 Lake Burton Way
Cataula GA 31904
loclmiller@att.net

Cobb County Daylily Society

David Arthur, President
2596 Riley Drive NW
Marietta, GA 30064
(770) 919-2668
dharthur@yahoo.com

Daylily Society of Greater Atlanta

Chuck Self, President
6840 Hampton Rock Lane
Cumming, GA 30041
(470) 991-9032
WarEGL4@gmail.com

Daylily Society of Greater Augusta

Larry Kirkland. (706) 556-3417
1055 Fieldstone Rd.
Grovettown, Ga 30813.
lkirkland461@gmail.com

Dublin Area Hemerocallis Society

Roy (Chip) Wood, President
780 Chappell Mill Road
Montrose, GA 31065-3319
(478) 290-8886
royjr80@hotmail.com

Flint River Daylily Society

Carole Bradshaw, President
120 Marlon St.
Thomaston, GA 30286
(706) 648-3495; (770) 815-1902 cell
carolebradshaw@yahoo.com

Heart of Georgia Daylily Club

Anne McWilliams, President
208 Windsor Drive
Warner Robins, GA 31088-6010
(478) 953- 8412
ronaldmccwilliams89@gmail.com

Middle Georgia Hem. Society

Robert 'Bob' Rinehart
200 Winchester Lane
Warner Robins GA 31088
(478) 952-2293 Cell
acerbob2000@gmail.com

Northwest Georgia Daylily Society

David Bishop, President
35 Northwoods DRe
Cartersville, GA 30121
(770) 386-0438
casshigh@hotmail.com

Ogeechee Daylily Society

Sue Stevens Cliett
67 Schley Lane
Blackcreek, Ga 31308
(912) 660 4295 cell
suecliett@aol.com

North Georgia Daylily Society

David Hoechst
621 Thaxton Road
Nicholson, GA 30565
706-714-8143
dthoechst@aol.com

Savannah Hemerocallis Society

Terry Beasley
362 Coffee Bluff Villa Road
Savannah, GA 31419
(912) 667-6655
terry@oelschigs.com

South Georgia Daylily Society

Marilyn Waters, President
135 Heritage Circle
Blackshear, GA 31516
(912) 449-5307
mcwaters1999@yahoo.com

Southwest Georgia Daylily Society

Claudia Miller
5939 GA Highway 39
Donalsonville, GA 39845
(229)400-2486
Claudia.Miller@rocketmail.com

Valdosta Daylily Society

848 Hempstead Church Road
Moultrie GA. 31788
229-251-6548
kathysdaylilies@yahoo.com

Editorial Staff - *The Georgia Daylily*

Cynthia Rigsby
Tim Herrington
Patty Franklin
Janie Seglund



Non Profit Org
US Postage
PAID
Permit 41
Albany, GA

American Hemerocalis Society, Region 5
Claude Carpenter, Editor
6075 Vickery Pt
Cumming, GA 30040

Scenes From the Fall Meeting

Photos by Claude Carpenter

