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of the

January 1999

M E R I C A N

IRIS SOCIETY





W.A. Payne Medal
BUTTERFLIES IN FLIGHT
(Aitken '91), JA



Photo: J. Morris



*1998 AIS
Medal Winners*

William Mohr Medal
PRAIRIE THUNDER (Black '90), AR
(Tied with BOZRAH, pictured in October '98
Bulletin, page 54)

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Editor: Terry Aitken, 608 NW 119th St., Vancouver WA 98685-3802; aitken@e-z.net
Advertising Editor: Jean Erickson, 4036 Trinity Drive, Santa Rosa, CA 95405-7714
Photo Team: Robert Frank, 8426 Vine Valley Drive, Sun Valley, CA 91352-3656
Scientific Editor: Adele Lawyer, 4333 Oak Hill Road, Oakland, CA 94605-4523
Layout & Graphic Design: Scott Aitken, *Flash Graphic Design*,
 2760 NE 98 St, Seattle WA 98115-2447; zebra@chcs.com

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Membership, Dues, Missing Bulletins: Marilyn Harlow, PO Box 55, Freedom CA 95019-0055. (408) 722-1810, 9:00AM - 6:00PM Pacific Coast Time

Business matters of the Society:

Jeanne Clay Plank, 8426 Vine Valley Drive, Sun Valley CA 91352-3656.

Bulletin advertising: Jean Erickson, Advertising Editor,

4036 Trinity Dr, Santa Rosa CA 95405-7714 (707) 526-5204.

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Triennial, Single:	\$43.00
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Youth, without Bulletin: \$4.00

Youth, with Bulletin: \$7.00

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The American Iris Society

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THE AMERICAN IRIS SOCIETY IS A NONPROFIT INSTITUTION INCORPORATED FEBRUARY 2, 1927, IN the County of Philadelphia, State of Pennsylvania. By the terms of the Charter, the Corporation has no stockholders and exists for the sole purpose of promoting the culture and improvement of the *Iris*.

Officers:

President: Clarence Mahan, 7311 Churchill Road, McLean, VA 22101, (703) 893-8526
First Vice President: Terry Aitken, 608 NW 119th St., Vancouver, WA, 98685-3802 (360) 573-4472
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Publication Secretary: Ruth B. Simmons, PO Box 392, Walters, OK 73572-0392, (580) 875-2271
Treasurer: Jay Hudson, 33450 Little Valley Rd., Fort Bragg, CA 95437, (707) 964-3907
Editor: Terry Aitken, 608 NW 119th St., Vancouver WA 98685-3802, (360) 573-4472, Fax (360) 576-7012

Administrative Officers:

Registrar: Keith Keppel, PO Box 18154, Salem, OR 97305, (503) 391-9241
Membership Secretary: Marilyn Harlow, PO Box 55, Freedom, CA 95019-0055, (408) 722-1810
Recording Secretary: Anne Lowe, 12219 Zilles Rd., Blackstone, VA 23824, (804) 265-8198
Publication Sales Director: Irv & Nancy Pocklington, 609 Harrington St, Carlinville, IL 62626-1230, (217) 854-2184
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Policy: Mike Lowe, 12219 Zilles Road, Blackstone, VA 23824, (804) 265-8198
Public Relations: Kathy Guest, 494 North St., East Aurora, NY 14052-1446, (716) 655-1762
Registrations: Keith Keppel, PO Box 18154, Salem, OR 97305, (503) 391-9241

Send all registration applications, and \$7.50 payable to AIS, to Keith Keppel.

Robins: Libby Cross, 8907 Potts Creek Road, Covington, VA 24426, (540) 747-2123
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Youth: Jean Morris, 682 Huntley Heights, Ballwin MO 63021, (314) 256-3927

AIS Sections: (1st line = Presidents, 2nd line = Memberships)**Median Iris Society:**

Dorothy Willott, 26231 Shaker Blvd, Beachwood, OH 44122

Rita Gormley, 6717 Martha Dr., Cedar Hill, MO 63026

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Tom Abrego, PO Box 693, Newberg, OR 97132

Howard Brookins, N 75 W14257 North Point Dr., Menomonee Falls, WI 53051-4325

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Terry Aitken, 608 NW 119 St., Vancouver, WA 98685

Robert Bauer, 9823 E. Michigan Ave, Galesburg, MI 49053

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Brad Kasperek, 9130 North 5200 West, Elwood, UT 84337-8640

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Jay Hudson, 33450 Little Valley Rd., Fort Bragg, CA 95437

Terry Hudson, 33450 Little Valley Rd., Fort Bragg, CA 95437

Species Iris Group of North America (SIGNA):

Carla Lankow, 11118 169th Ave SE, Renton, WA 98059

Colin Rigby, 18341 Paulson SW, Rochester, WA 98579

Historic Iris Preservation Society (HIPS):

Doug Goodnight, 1005 Gamblin Ln., Hobbs, NM 88240

Andree Desiree Wilson, 15 Brace Bridge Rd, Newton Centre, MA 02158

Cooperating Societies:**Aril Society International:**

Scott W. Jordan, 3500 Avenida Charada Ave. NW, Albuquerque, NM 87107

Reita Jordan, 3500 Avenida Charada Ave. NW, Albuquerque, NM 87107

Society for Louisiana Irises:

Farron Campbell, 5637 Saddleback Rd., Garland, TX 95043

Elaine Bourque, 1812 Broussard Rd. E, Lafayette, LA 70508

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	single annual	single triennial	dual annual	dual triennial
Median Iris Society (Overseas members add \$5 per year for postage)	\$5.50	15.00	6.50	17.50
Society for Siberian Iris	5.00	13.00	6.00	15.00
Spuria Iris Society	6.00	15.00	8.00	18.00
Society for Japanese Iris	3.50	9.00	4.00	10.50
Reblooming Iris Society	5.00	13.00	6.00	15.00
Society for PCNs	4.00	10.00	5.00	12.00
Species Iris Group	4.00	10.00	5.00	12.00
Dwarf Iris Society	4.50	12.00	6.75	18.00
Historic Iris Preservation Society	5.00	12.00	6.00	15.00
Aril Society International	10.00	28.00	13.50	33.50
Society for Louisiana Irises	7.50	18.00	9.00	22.50

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2: New York:

Peter Weixlmann, 280 Seneca Creek Rd, West Seneca, NY 14224, (716) 674-6289, <Pweixl@aol.com>

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Sara R. Marley, 13358 Sagle Rd, Purcellville, VA 22132-9404, (540) 668-9004, <digger@anent.com>

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Randell Bowen, 528 Forest Ridge Dr., Shelby, NC 28152, (704) 434-6118

6: Ohio, Indiana and Michigan:

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Dr. Herbert Holk, 14115 Pear St., Riverside, CA 92508, (909) 780-0335

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17: Texas:

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Barbara Figge, 6805 Kentucky Court NE, Albuquerque, NM 87110

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AIS Bulletin

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Front cover photo by Robert Plank: Baumunk Garden, Colorado. AIS Convention, 1998.

Back cover photos from AIS Convention, 1998.

President's Message

An Introduction

by Clarence Mahan, Virginia

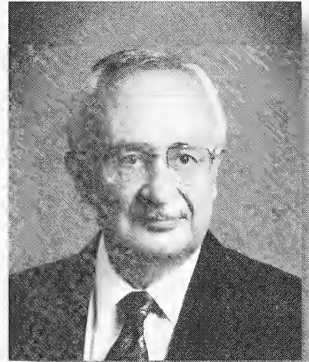
WHEN I JOINED THE AMERICAN IRIS SOCIETY nineteen years ago, I never imagined that a day would come when I would be entrusted with the duties of its presidency. But then neither did I imagine that the Society would become such an important part of my life. What I did know, right from the start, was that iris people are a very special tribe. Kindness, helpfulness, generosity, and good humor are so abundant in our Society that I am in constant awe at my good fortune to have found such wonderful people.

I could write a rather large book explaining how special iris people are. When I think of "iris people," one person who comes to mind is Rilla Hickerson of Tulsa, Oklahoma. I first read about Rilla in a delightful article written by Addie Thain that appeared in the Region 22 News in April, 1984. I never met Addie, but I loved her story about how she came to join AIS and the role that Rilla played in "mentoring" her. Later I came to know Rilla, and what a happy, kind, joyous woman she is! How could one resist her mischievous sense of humor and honest concern for other people? Rilla has completed 85 hours of judges' training in the past three years. What an example for all of us!

When I think of "iris people," another person I think of is Stephanie Rust, a youth member from Union, Missouri. Stephanie recently wrote to me: "I thought you would be pleased to know that I have remembered your request to recruit more AIS members. I have signed up the 7th and 8th grade science classes in my school, Crosspoint Christian School, for the classroom iris project...". Stephanie also sets a standard of service we can emulate.

Serving you is a great honor, and I will strive to do my best to preserve our grand traditions and build on them to advance our Society in every possible way. I presented the AIS Board five goals at our last meeting.

The number one goal is *membership*. Building membership is important for several reasons. When we recruit new members we promote the flower



Clarence Mahan, AIS President

we love and also make new friends. Our shows are more interesting by having more exhibitors. We bring new talents and ideas into our Society. Won't you please try to recruit at least one new member this year. Then be a mentor by encouraging the new member to come to meetings and shows. I am also asking each region to try its best to organize one new affiliate each year.


The second goal is to *continue to improve our society's financial health*. You will be pleased to know that we are in better financial shape this year. Our revenues were greater than our expenses last year, and we have restored all of the life membership reserves. We have cut costs, eliminated all salaries except one, and in general cut costs to the core. The key to improving our financial health now is building up membership.

Goal number three is to *adopt policies and activities that provide greater empathy and support for iris hybridizers and iris nurseries*. Hybridizing irises and selling irises contribute to our Society's objectives. We want to promote these activities every way we can. One AIS Board action that will contribute to this goal was the decision made at the fall meeting to return to the policy of having no "set up" charges for ads in the *Bulletin*.

The fourth goal is to *improve our AIS Library* to the point that all our holdings are cataloged and available to AIS members and to other researchers. We will strive to publish a list of our holdings, and to make it easy, for a small fee, to obtain copies of materials via correspondence, telephone or email. Our library is the repository of our heritage, and its wealth of knowledge should and will be available to you.

Improved communications at all levels and in all ways is the fifth goal. An open and free flow of ideas, suggestions, and information on problems and needs is key to greater understanding and improvement. One way we can do this is to strive to continue to improve our *Bulletin* and ensure it comes out on time. Another way we will try to improve communications is by having an ombudsman. You can, of course, communicate with anyone you wish. The ombudsman will not replace any means of communication we have, but will provide one more communication channel.

Our ombudsman will be available to receive calls, letters and email messages whenever you have a problem involving an AIS activity that you are not able to solve, or when you have an idea or suggestion you want to make sure receives attention. If there is an immediate "crisis" issue, our ombudsman will get the information to the officers who may be able to solve it. Every matter brought to the attention of the ombudsman will be reported to the AIS Board of Directors. Dr. Lew Begley of Mesquite, TX has agreed to serve as our first ombudsman.

A special word of thanks goes to our outgoing president. Dave Niswonger is a man of many talents. His most sterling talent, for which I am deeply grateful, is that he knows how to be a friend. 

Editor's Message

Beefs and Bouquets

by Terry Aitken, Washington State

URING THE PAST YEAR WE WERE ABLE TO PUBLISH OVER ninety color photos of irises. As pointed out at the fall Board Meeting, I have been keeping tabs on *Bulletin* feedback and categorizing comments by topic and by source (beginners or veterans). Our diverse membership has many different perspectives on what they think should be described as "good content" in the *Bulletin*. Generally, comments are running about four to one in favor of what we are doing. We will do our best to respond

to constructive suggestions at our earliest opportunity. Please do feel free to contact me or any of the Board members.

As the AIS continues to improve its financial position, the Board has increased the *Bulletin* budget with a directive to further improve the quality of the product and the delivery system. This issue reflects many changes in the production and also anticipates a day when an index system will make back issues of the *Bulletin* more user friendly as a ready reference resource. The "perfect bind" system, with the date and edition number on the outside, should greatly improve the "search and find"

function in people's libraries.

Our techniques of publication are once again changing. This should be the first issue that is produced entirely electronically—no more cut and paste. The more information (articles or advertising) that we can receive via e-mail or on computer disk, the more efficient will be the time frame required to process the *Bulletin*.

Volunteers Anyone?

In order to improve the processing time of each issue of the *Bulletin* I am looking for volunteer reporters who would be willing to work with



Terry Aitken, AIS Bulletin Editor

us and communicate via e-mail, dealing with specific topics such as Culture Corner, Convention Reports, Hybridizing Reports, Section News and Tall Bearded topics. These would generally be once a year topics.

Another project taking shape is the INDEX project. We could use some volunteers to help with components of the Index. This will all be loaded into a computer program with a search by topic/author capability. This is proving to be a serious challenge as indexing options are limitless!

We look forward to the new year with determination that the *Bulletin* will better serve all of our members. ♪

Corrections to previous Bulletins:

October Bulletin, 1998:

Page 19: 7th HM, STRIKE IT RICH incorrectly indicated the hybridizer was (Keppel, USA). The correct hybridizer is (R. Ernst, USA).

January Bulletin, 1998:

Page 60: Correction to '97 Nelson Award. TITAN'S GLORY should be replaced by DUSKY CHALLENGER.

Perry Dyer Injured twice last fall.

Perry claims to be alive today only because of the airbag in his car in the first (of two!) accidents. He escaped that incident with a broken ankle. The second accident broke his writing hand.

Perry Dyer is a past president of The Society for Louisiana Irises, and well known irisarian from Oklahoma. He still plans to have his garden on tour for the 1999 AIS National Convention (now *that's* dedication!).

Youth Views

Youth Members Speak

by Jean E. Morris, Missouri

Ackerman Essay Topic for 1999

“WHAT IS THE MOST INTERESTING THING you have done as an AIS youth member and/or what do you plan to do next with your irises?” This is the 1999 topic for the Ackerman Youth Essay Contest, which is sponsored by the AIS Foundation. The writer of the winning essay will receive a \$100. cash prize, so start thinking about your past iris experiences and what you would like to accomplish in the future. Essays should be written in 500 words or less and mailed by March 1st to Claire Honkanen, PO Box 235, Isle of Palms, SC 29451-0235.

Think about a time you had fun with your irises or iris friends and write about the experience in two or three paragraphs. Add a paragraph about what you would like to try with your irises next bloom season. These three or four paragraphs will be the middle of your essay. Next, add a short introduction paragraph and a short conclusion paragraph and you are done. It is a good idea to have an adult check your spelling and grammar before you copy or type your final version. While it is appropriate for a parent to proof read a youth essay, it is the youth member's creative effort, so we ask parents to resist the urge to help in any other way.

This year's essay topic gives all youth members the opportunity to write an essay. If you are a new youth member, you may write entirely about what you hope to experience in the future as an AIS member. Youth events enjoyed most in the past have been: entering iris shows, touring gardens at regional and/or AIS national conventions, participating in the



Jean E. Morris
Youth Committee Chairperson

youth coloring contests, learning how to cross pollinate an iris, writing to an iris pen pal and doing an iris craft project with a group of friends. Each youth member will have other interesting experiences to tell about. You could be \$100. richer by spending a little time to write down your ideas on this topic in essay form. Remember the March 1st deadline, and good luck to all!

Reminder

Nominations for the *Clarke Cosgrove Memorial Award for Youth Achievement* are due by January 31st, so please mail them right away to Jean E. Morris, 682 Huntley Heights Drive, Ballwin, MO 63021. Information and rules may be found in *Youth Views*, page 11, in the October 1998 *AIS Bulletin*. Please encourage your region's young people by writing a nomination today. ♪

TBIS Members Have A Clear Choice AIS Section or Independent Organization?



This!!!

Herb, Kathie and I want the Tall Bearded Iris Society to take its rightful place as an influential AIS Section championing the small TB growers, hybridizers, and commercial gardens.



Not this!

Other powerful forces are working to convert the TBIS into an independent organization focused on becoming a "marketing tool" for large commercial gardens.

You will receive your director's ballot with the March issue of *Tall Talk*. All members can vote for 3 directors and if you want TBIS to become a Section supporting the average folks, the following candidates will work hard to make it happen!

Dr. Herb Holk

Kathie Kasperek

Brad Kasperek

International News

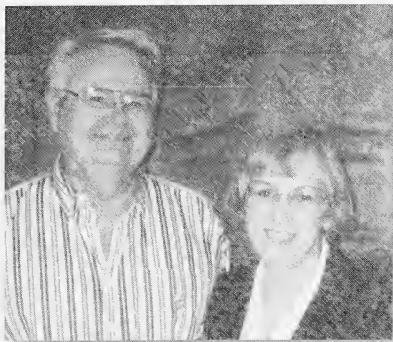
by George & Margaret Sutton, California

WHEN CLARENCE MAHAN APPROACHED US ABOUT becoming the new International News editors, we were very honored, and at the same time somewhat apprehensive. We would be following in the footsteps of some very able people which is always a hard act to follow. There was also the time factor: did we want to add another responsibility to all the others that keep us busy? After much internal debate we decided if both of us did this, perhaps the work load would be spread, and there would be two different viewpoints (and ours are very different!), lending variety to the column. Our maiden effort is just that, an effort! As time goes on we will have resources in place, but at the moment this is all in a state of transition. If any of you readers come across an international item you think would be interesting, please send it along to us and we will be happy to consider it for inclusion. Likewise, if you have suggestions for what you would like to see included, please let us know. You can reach us at George and Margaret Sutton, 16592 Road 208, Porterville, CA 93257. Our phone number is (559) 784-9011. Our e-mail address is <suttons@lightspeed.net>.

Comparative Trial Results

This article was submitted by Derek Carver and is printed by permission from the *British Iris Society Newsletter*.

“Like most people, I regarded with some concern the weeding associated with growing TBs and my aim was to set up an experiment to see what could be done to ease the situation. I took nine identical rhizomes and planted them in a 3 x 3 block. The intention was to grow the first row normally (i.e. no special treatment other than being kept weed free). Around the second row I built a box and filled it with a reasonably thick layer of woodchip mulch—the same as I use in the rest of the garden apart from in the iris beds. As for the third row, it was my original intention to treat the ground with a pre-emergent weed killer as recommended in the books (the aim being to see what adverse effect, if any, it had on the irises), but all had been banned by the time I got round to conducting the experiment. So instead I left the third row completely unattended,



George & Margaret Sutton
International News Editors

leaving the irises to grow in total competition with the weeds. The plants are now in their second season and there is no need to continue with the experiment, the results being so conclusive: Row 1: The unmulched but weeded row produced really good plants, apart from the universal 1998 snail damage, with an average leaf height to 24" Row 2: The mulched row looks much more miserable with the leaves just managing to attain a height of 14", the plants being

proportionately smaller than those in row 1. Row 3: The non-mulched and non-weeded row is, perhaps, the most interesting. There is no difference whatsoever between these plants and those in row 2; they are about the same size. In other words, the failure to weed the plants produced precisely the same adverse effect as if one mulched to suppress the weeds. So one thing is extremely clear—get out the hoe and carry-on weeding!"

An Overview of the Australian Iris Convention

October 20-27, 1998

From Ann Pearce in South Australia comes her description of her first iris convention.

"This was the first iris convention I have been to, of any sort, but from what I gather, Australian conventions are very different from those in the US. For one thing, we don't have the extensive convention plantings, featuring the latest introductions. What we did see, however, was a selection of beautiful private gardens in the Sunraysia area, encompassing several different towns in three states, by virtue of being on the border. The Sunraysia area is very much based around the River Murray, one of the largest rivers in Australia, and is justifiably famous for its citrus fruit and vineyards. There was a great deal of variety in the type of gardens we saw on tour. Some were focused on irises, while others were a beautifully blended mix of irises with other plants. Roses were a strong feature, and two or three of the gardens we visited had some stunning poppies. Two other events of interest were the tours to David Ruston's world-famous rose garden and the Australian Inland Botanical Gardens. David Ruston is the President of the World Federation of Rose Societies, and he has

the largest rose garden in Australia, twenty-seven acres of roses, with some interplantings of irises. He has a magnificent collection of spurias which were in peak bloom during our visit. He also has many tall bearded varieties, but we were only able to find one Louisiana. David Ruston is renowned for his floral art, and we saw some magnificent examples of this in a display at the Renmark Institute. There were many different arrangements using roses and the best displays of spurias, with some Louisianas, that you could hope to see.

“The Australian Inland Botanical Gardens is unusual in that it is a very young Botanical Gardens. Many of the world’s Botanical Gardens have been around for a very long time; some of the European ones are several centuries old. This one is in its infancy, less than ten years old. It is very much a community project; until this year they received no funding from either the state or national authorities. The rose garden was looking spectacular, and we were given a tour of the overall gardens in a tractor-drawn train! The most remarkable thing about the gardens we saw on tour was the contrast between the oasis of the gardens and the surrounding landscape. Those areas not under cultivation with vines or fruit trees looked rather dry and barren, even on the banks of the river. It was very much what I would think of as a true Australian landscape: the native vegetation is obviously well adapted to the harsh conditions. To see such beautiful gardens in that environment is a strong testament to the skill and determination of the gardeners, many of whom have worked hard for years to improve the soil and make it “gardenable.”

“One of the final gardens on tour, and one of the best, was that of Dianne Dalla Santa. Her garden is a superbly balanced mix of irises and roses, along with many other plants, including magnificent hippeastrums grown from seed, and some native frangipani trees, all set off by curved paths of lawn. I have no idea how Dianne managed to have such a well-maintained garden on show, given the months of work she put in as convention organizer in order to make the whole convention such a success.

“All in all, it was a most enjoyable week. I came home with new friendships formed and a head full of ideas, to find many more irises in bloom than when I left and plenty of hybridizing to be done. For those of you feeling envious of the spring bloom here while you move closer to winter, just remember that it will be our turn to enviously read bloom reports in a few months’ time when spring arrives in the northern hemisphere.”

British Iris Society Convention in 2002

Cy Bartlett in Somerset, England advises that The British Iris Society will be eighty years old in AD 2002. It is planned to hold the next birthday Convention immediately after the Chelsea Flower Show, 24th – 28th May weekend. The last Monday in May is always a National holiday so it will be a “long weekend.” The venue will be Cheltenham in the West Midlands, and the West and Midlands Iris Group will host the event. Cheltenham has been selected because apart from being a very pleasant town with excellent shops, it is within easy reach of some of our more famous gardens such as Hidcote, Kiftsgate, Westbury Court and central for towns and cities such as Oxford, Gloucester, Worcester, Stratford-upon-Avon, Bristol and Bath. Wales too is only a short distance away. Guest irises should be sent to Ray Bomford, Convention Guest Iris Coordinator, The Hills, Beoley, Redditch, Worcester, B98 9AB, England, by mid-September 1999 (three years ahead). They will “copy” precisely the rules and regulations that the United States uses for guesting irises, to avoid confusion.

If you have any further questions, contact Cy at The Old Mill House, Shurton, Stogursey, Bridgwater, Somerset TA5 1QG, England.

Growing Iris in Denmark

Jan Jacobsen offers us the following information on the types of irises he is growing in Denmark. He advises that he is very much into SDBs, the smaller the better. Most of those are grown in raised rock beds where they seem to thrive. TBs are grown in ordinary garden soil with a high pH level with no problems. He has made some crosses in the last few years, but no records are kept. Bulbous irises are also normally grown in full sun, in raised beds, due to the fact that they sometimes get a lot of rain during the summer. Arils are a bit more difficult, but can be managed at a south facing wall. Until now he has only managed to get flowers with *I. Iberica v. Elegantissima*, but it was the most beautiful he had ever seen. He hopes to grow more of those.

Irises in the Slovak Republic

Ladislav Muska sends the following about hybridizing in his country: “The beginning of cultivating and hybridizing of TB irises in Slovakia can be dated to fifty or sixty years ago in what was previously Czechoslovakia. The pioneers of amateur cultivating and breeding started their work on the basis of the “American School” and using American genetic material. The second wave of growers and hybridizers has accepted the results of the founders and continues in following the results of the

work of well known American experts. I shall try to give a brief account of the situation and problems of the "second wave" in hybridizing with my own examples in the garden.

"The beginning was typical of every beginner without a precisely defined goal and full of intuition and emotion. We began with varieties such as ALLEGIANCE, CRINOLINE, CRYSTAL BLUE, GLISTENING SNOW, LIME FIZZ, MATINATA, RADIANT APOGEE, STEPPING OUT, etc. We were fascinated and motivated by GRAND WALTZ and BABBLING BROOK. I have to admit the results were not very satisfactory.


"Later we worked with LACED COTTON, and in our gardens have bloomed BEVERLY SILLS, BRIDE'S HALO, GLORY BOUND, FABULOUS FRILLS, HONEY LACE, MYSTIQUE, MARY FRANCES, PINK ANGEL, RUFFLED BALLET, VANITY, VICTORIA FALLS, etc. LACED COTTON AND SILVER SHOWER were known as excellent parents for gene transmission of heavily laced irises. The results evoked the idea of creating a program for hybridizing heavily ruffled and laced irises. According to the opinion of our iris lovers, the "super dressy", beautiful iris has to be heavy ruffled and very softly laced in addition to having acceptable characteristics for exhibition. These thoughts determined the next step in my program of cultivation.

"I expanded my collection by importing from USA. As a member of AIS, I was able to obtain information and make more contacts. I gained knowledge about pedigrees, chromosome structures of irises, genetic codes of heredity, chemistry and other bioprocesses. As a result, I obtained very good results from my crosses, the product of very long-term work. From these I selected about forty-five to fifty very nice varieties, one of which is DON EPIFANO (Pink Angel X Laced Cotton), which is perfectly ruffled and laced with expressive wide rimmed petals.

"The next stage began sometime in the mid eighties. I was at that time deeply impressed by varieties such as QUEEN IN CALICO, SKY HOOKS and RINGO. I started to think about a "magic triangle:" a plicata line, a spaceager line and a wide-banded iris line, all heavily ruffled and laced. I was trying to solve this problem as a small contribution to the dream of "tomorrow's iris." At this stage we already had first quality genetic material in APHRODISIAC, DUSKY CHALLENGER, EDITH WOLFORD, FRENCH GOWN, JESSE'S SONG, PLEDGE ALLEGIANCE, SILVERADO, TITAN'S GLORY, THRILLER, SONG OF NORWAY, SWEETER THAN WINE,

PROUD TRADITION, etc. Thanks to receiving information, personal contacts, experience and then application, I feel I have achieved a small success in my hybridizing. I have a good base for my present work and for the future. I have also been working with SDBs and IBs for about fifteen years. I think that the results are very solid.

“All my work is based on the classical use of pollen. I don’t use modern methods of genetic engineering, nuclear physics and other physical and chemical methods. In the seventies I was trying to apply some chemomitogenes and radiation, but I am convinced such work needs a scientific base, an experienced research system, very good laboratories of basic and applied research and a team of professional workers. This is all very expensive. Irises are not mass-produced agricultural products which are able to pay for complex scientific work.

“Iris hybridizing in Slovakia is in the hands of amateur iris lovers. We are trying to apply the results of science and research. We have contacts with professional institutes, agrochemical research, botanical gardens, etc. I believe that each year we will see more and more beautiful irises on the exhibition table and in our gardens. We have two iris clubs at which we share information, the Gladiola Slovakia Klub in Bratislava, the capital of Slovakia, and the EIS Klub, composed of iris lovers from Slovakia, the Czech Republic and Poland.” 

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Future Conventions

Official Schedule

Year	City	Headquarters	Date	Chairman
1999	Oklahoma City,	Biltmore Hotel 401 South Meridian OK City, OK 73108	4-8 May	Ron Mullin Route 3, Box 84 Pawnee, OK 74058 (918) 762-2430
2000	Dallas, TX		15-20 Apr	Bonnie Nichols 3365 Northaven Rd Dallas, TX 75229 (214) 352-2191
2001	York, PA	Marriott Hunt Valley Inn 245 Shwann Rd Hunt Valley, MD 21031 (410) 785-7000	22-26 May	Jason Leader RD 2, Box 223A Glen Rock, PA 17387 (717) 428-2068
2002	Memphis, TN	Memphis Marriott 2625 Thousand Oaks Memphis, TN 38118 (901) 362-6200	25-29 Apr	Jim Browne 750 Cherry Rd. Memphis, TN 38117 (910) 685-1566
2003	Virginia		16-21 May	Clarence Mahan 7311 Churchill Rd McLean, VA 22101 (703) 893-8526
2004	Spartanburg, SC			Marshall L. Goforth 8837 S. Green River Rd Gaffney, SC 29341 (803) 487-4082
2005	St Louis, MO			Riley Probst, St. Louis, MO
2006	Portland, OR			William Plotner, Molalla, OR
2007	Oklahoma City			F. W. McVicker, Kingfisher, OK
Scheduled Fall Board Meetings:				
1999	St Louis, MO	Henry VII Hotel St. Louis, MO	5-7 Nov	Rita Gormley 6717 Martha Dr Cedar Hill, MO 63016
2000	Lincoln, NE	Best Western Airport Inn Interstate 80	3-5 Nov	Henry Wulf 7172 South 70th St Lincoln, NE 68516-2607 (402) 423-7172
2001	High Point, NC		2-4 Nov	Dr. E. Roy Epperson 1115 Delk Dr High Point, NC 27262 (910) 883-9677

AIS Convention

OKC is the Place To Be in 1999

by Ron Mullin, Oklahoma

THE SOONER STATE IRIS SOCIETY AND REGION 22 INVITE YOU to Oklahoma City for the annual convention of The American Iris Society, May 4-8, 1999. Headquarters will be the Biltmore Oklahoma.

Tour gardens are all inside the Oklahoma City Metropolitan Area so that bus rides will all be short. The tours go from the southern suburbs of Blanchard and Newcastle to the northern suburb of Edmond, and to the west to Yukon. Four gardens inside the city limits are on tour. Scheduling has been done to assure that a small number of people will be in any one garden at one time.

With financial help from nearly all the iris clubs in Arkansas and Oklahoma, the committee has been able to set a registration fee which should allow any AIS member to attend.

Airport courtesy vans are available, and the hotel is just a few minutes away.

Early registrations are requested. Banquet facilities may not be large enough and early registration will help us to know if a change in banquet location will be required or if attendance must be limited. If you know you will *not* attend either of the banquets, please inform the registrar.

A large number of guest irises have been received, and these have been planted in eleven gardens. These gardens range from small to large. Perry Dyer's Contemporary Garden is the only commercial iris garden on tour, but the Woodruff, Fernandes and Watson gardens are spacious and feature all the guest plants. The Fernandes garden has many types of other plants and the water gardens are spectacular, both here and next door.

The Parrish-Skrapka, Hawley, Jones, Beasley, Scott and Matthews gardens are regular home gardens with some twists. The Parrish-Skrapka garden is spacious with huge clumps of irises and many trees, but other different things you'll see include a working oil well, a planting in the middle of a divided street, and a commercial outlet for some pretty exotic plants.


The Will Rogers Park Garden is a public planting and is maintained by the Oklahoma Iris Society.

No pre-convention tours are scheduled, but arrangements can be made for visitors to see the Murrah Memorial (site of the OKC bombing), the National Cowboy Hall of Fame, the State Capitol with oil wells on the

grounds, Omniplex, the Myriad Gardens or other places of interest.

All types of restaurants are within walking distance of the hotel headquarters. Parking is free for those who drive (Meridian exit off I-40). The hotel is a two story building and very sprawling, so if you have any problems with walking, please request a room close to the meeting rooms when making hotel reservations.

What will the weather be? Who knows! This is changeable Oklahoma, you know. We can assure you that it won't snow! Normally, May weather is warm, probably humid, and perhaps windy. Do bring rain gear, just in case. However, we have requested no rain for our week. By the way, we have flattened all the mountains so that the buses will have no difficulty in reaching the gardens.

We in Oklahoma pride ourselves on our friendly ways. Join us this spring for irises, and for fun, and we'll be the friendly folks who will be glad you joined us. Remember, "*OKC is the Place To Be*". One month after the AIS Convention, some of the same gardens will host the AHS (American Hemerocallis Society) national convention. 

The Sooner State Iris Society
is pleased to announce our TWENTIETH annual
POLLEN DAUBER'S SEMINAR

featuring

GEORGE SUTTON

On Hybridizing Space Age & Reblooming Iris
February 26 – 27, 1999

George will speak to the Society on Friday, February 26th following a 6:30 pm pot luck dinner. Pollen Dauber's Session will be from 9:00 am to 3:00 pm on Saturday, February 27th. Seminar fee is \$20.00 per person.

For assistance, call: Dr. William E. Jones, 2312 Butternut Place, Edmond, OK 73013, (405) 478-3498 or come to the Will Rogers Garden Center, 3400 NW 35th Street, Oklahoma City, Oklahoma.

American Iris Society Convention

Presented by Sooner State Iris Society and Region 22

May 4 – 8, 1999

Convention Headquarters:

Biltmore Hotel Oklahoma
401 South Meridian
Oklahoma City, OK 73108
Phone (405) 947-7681
Toll Free (800) 522-6620

Room Rates: \$59.00 plus tax,
One to Four People per room

Please reserve your room directly with the hotel, stating that you are with The American Iris Society. Cut off date for blocked rooms is April 15, 1999.

Convention Registration Fees:

Postmarked by March 15, 1999	\$120.00
Postmarked from March 16 to April 15	\$137.00
Postmarked after April 15	\$150.00
Youth Registration (age 18 & under)	\$95.00

Partial registration rates will be available for advance registrations only. No registrations for the Welcome Dinner or Awards Banquet only after April 15th. If it is necessary to cancel reservations, notify the registrar. We will make every effort to give 100% refunds, but late cancellations may receive less than full reimbursement.

Mail Registrations to: Mona French
4521 NE 55th Street
Oklahoma City, OK 73121-6024
Phone (405) 424-6634 (evenings)
E-mail <monalou@flash.net>

Please list names of registrants exactly as you want them printed on your name badge. Make checks payable to "1999 AIS Convention".

Mountain View Iris Society

Presents:



"Tour '99"

Mountain View Iris Gardens

10:00 AM - 6:PM 9 May 1999

"When you've seen the rest,
why not visit the best"!

Your invited to join us the day after the National AIS Convention for our annual BBQ/Garden Tour ! Visit the many "Guest Beds" (Attenberger, Barnard, Burseen, Ensminger, Kasperek, Magee, Niswonger, Pyburn, Schreiner, Spoon, and Sutton) planted for this special event which is located over looking Lake Ellsworth and MT Scott. It's only a 55 minute drive from OK City. For Directions and a welcome packet , call (580) 492-5183 or MVISOK @AOL.COM. Admission to include food & drinks free!!

Meet the New Directors

AIS Board

Each year at the fall AIS Board Meeting, several Board positions come up for election. This year's Board positions were filled by the following people:



J. Farron Campbell

New AIS Director

Farron Campbell, 44, was born and raised in south central Louisiana and attended the University of Southwestern Louisiana and Louisiana State University. His interests in horticulture and floriculture began in junior high school, where he was active in 4-H.

In 1986 Farron became interested in Louisiana irises and attended the annual convention of the Society for Louisiana Irises. Here he met and became involved with his mentors, Marie Caillet and the late Joseph K. Mertzweiller. In 1990 he was named co-editor of SLI's quarterly Newsletter. He also served a term on the board of directors of SLI before being elected Vice President. He currently serves as President of SLI. He edited the current Louisiana Iris checklist published by SLI, and also was a member of the editorial staff which produced the 1995 *Special Publication*.

Farron is a garden judge and a life member of both AIS and SLI. He compiled the section on Louisiana irises in the current *AIS Handbook for Judges and Show Officials*. He is a member of the Iris Society of Dallas as well as the Fort Worth Iris Society.

Farron has worked for Southwestern Bell Telephone for 21 years. He began hybridizing shortly after he became interested in growing irises. In 1997 he released his first Louisiana iris introductions.

Barbara Figge

New AIS Director and New Vice President, Region 23

Barbara was born in Milwaukee, Wisconsin, but moved to New Mexico in 1947, where the high desert climate suits her to a 'T'. She



graduated with a BA and MA in History and Government from the University of New Mexico and went on to teach those subjects in high school in Albuquerque.

After her marriage to Roger and the birth of daughter Debra, Barbara “retired” from teaching to become a full-time Mom to Debra and later Steven. This also gave her more time to indulge an old love: gardening. While her family in Wisconsin had always had a garden, during the

Depression and World War II, the emphasis had been on vegetables with perennials like roses and peonies, bleeding hearts and columbine filling out the spaces.

The home she and Roger moved into had some irises, notably a white—new to her. She attended a local society’s sale and joined the New Mexico Iris Society in the early 60’s. By the mid 60’s she had also joined AIS and began the process of becoming a judge. Her first training session was conducted by AIS Past President William Bledsoe. Her collection of irises grew to about 350.

Barbara has served in almost every office and chairmanship in NMIS, is in the third stint as its newsletter editor, an Active Master Judge and has served the last six years as Judges Training Chairman. She currently edits the Region’s *Irisletter*, and is Region 23’s new RVP. Roger retired in 1991 after 32 years in APS teaching history. Barbara currently is employed by a real estate appraisal corporation. They will celebrate their 38th Anniversary in March. They have one and $\frac{7}{9}$ grandchildren.



Kathy Guest

New AIS Director

Although Kathy has always had her grandmother’s irises, which she took with her wherever she moved, she had no idea that AIS even existed until a chance conversation in 1983. It wasn’t long before she had not only received a bag of ‘late model’ TB’s, but was invited to an iris meeting and the rest is history. Kathy now grows

in the neighborhood of 400 different iris varieties in a small suburban lot, with an emphasis on beardless types. As most iris growers do, she has daubed some pollen—but claims all she got from that is personal

satisfaction! Kathy served as Chairman of the Western New York iris club for four years and as RVP for Region 2 for the past 3 years. She continues as editor of their local newsletter, and also Regional Membership and Judges Training Chair. She serves as Publicity chair for the Japanese Iris Society and is on the Board of the Society for Siberian Irises. In addition, she sat in on the AIS Board meetings as Recording Secretary for the past two years.

Kathy is also active in other organizations. She is President (and founder) of the Buffalo Area Daylily Society and belongs to various other plant organizations. She serves on the Board of the Buffalo & Erie County Botanical Gardens and also acts as Membership Chair. But before sounding too much like a “club woman”, she says she is only involved in these things because she loves to garden and thinks she can help others to love it too.

Kathy has lived in western New York all her life. She is married to Leonard, a Technology teacher, and they have two grown children, Jennifer and Troy. Kathy is very honored to have been elected to the Board and asked to serve as Public Relations Chair. She plans to be in touch with many of you through your RVPs and Affiliates early in 1999, and welcomes any input anyone may have. She believes that we need to work together to keep AIS growing, and looks forward to this opportunity.



Bobbie Shepard

New AIS Director

Bobbie was born in Florida and moved to Phoenix, Arizona on July 4th, 1951. She met and married her husband, Don. In December of 1951. They have two married daughters, a granddaughter, a grandson and four miniature doxies.

Bobbie's background is in bookkeeping; she has worked for various financial companies and then for a CPA. She “retired” in 1973 to become a full time homemaker, but managed to stay busy with a dressmaking and alteration business. Bobbie volunteered for PTA, Girl Scouts and various school activities involving her daughters.

In 1969 a neighbor gave the Shepards two varieties of tall bearded irises. They knew nothing about irises, but both fell in love when they saw SNOW QUEEN bloom. A notice in the newspaper advertised a rhizome sale for the local society. They bought fifty varieties at the sale

and became members of the society. Since then Bobbie has as an officer in several capacities in her local society, chair for several Region 15 Spring treks, as well as Chair of the AIS National Convention in Phoenix in 1987. Bobbie has served in many positions for Region 15, including RVP in 1994. She is an Active Master Judge, served AIS on the Personnel Committee and chair of the RVPs' meeting. She is very active in the Spuria Iris Society, currently serving as treasurer and membership chair. She was also chair of the Region 15 Spring Trek/Mini Spuria Iris Society Convention held in Phoenix in April, 1998. This was the first time the Spuria Society has sponsored a 'national' convention.

In addition, Bobbie spends a majority of her time in running their business, Shepard Iris Garden. They have their garden open every April during peak bloom so many people can get acquainted with irises. In her spare time Bobbie enjoys crafts involving her fantastic sewing machine. With the aid of the computer, the machine creates all types of embroidery patterns, many of which are irises!

Bobbie and Don enjoy the visitors who come to the garden and have met many wonderful people within the AIS activities and their association with irises.



Lew Begley

New Ombudsman

Lew Begley has been appointed to the position of AIS Ombudsman, a new position approved by the Board of Directors at the fall meeting.

Lew is a native Texan, residing in Mesquite, Texas. He attended the University of Texas in Austin, acquiring his liberal arts degree, and then continued on with his medical studies at Baylor College of Medicine at Houston, Texas. He went into family practice in Mesquite, and is now retired. Hobbies include photography, travel, reading, classical music and collecting most anything, attending concerts and growing irises. His property includes water ponds—great for growing Louisiana irises—waterlilies and koi fish.

Lew started growing irises in 1989 after being given some as a gift and attending the iris show in Dallas. He is currently a member of the Iris Society of Austin, Iris Society of Dallas and the Fort Worth Iris Society. He enjoys entering the iris shows and has been an AIS accredited

judge for three years. He considers the national convention “a must”, and has attended all since 1993, when his garden was included in the tour. He really enjoyed meeting all the irisarians, and looks forward to the year 2000 for “Destiny Dallas” national convention, April 15 – 20th, when you will again be invited to view his garden and water ponds. He assures us there will be lots of new irises, water lilies and koi fish as well.

Lew sees his new job as Ombudsman for the AIS as an opportunity to help you the members get your ideas to the directors of the Board and to help solve problems when other channels of communication are not producing results. He looks forward to meeting many of you at the upcoming AIS convention in Oklahoma City, May 4 – 8th. In the meantime, Lew can be reached as follows:

Lew Begley
 1930 Wilkinson Road
 Mesquite, TX 75181-2204
 Phone (972) 289-7107
 E-mail <lewgeo@aol.com>

Lew looks forward to hearing from you—he says “the line is always open for any problem or suggestion you might have”.



Jay Hudson

New AIS Treasurer

Being of Dutch heritage, Jay has always had a passion for flowers and business. His initial business experience came from the early days of Silicon Valley where he worked for a large corporation followed by being president of a start up company. Following a health problem, Jay and his wife Terri, a retired teacher and his right arm,

moved to the North Coast of California to begin new careers.

They owned a seafood processing company until the time their son was involved in a serious automobile accident and required a change in lifestyle to care for him. The desire for a home based activity led to the discovery of irises and the creation of a nursery business. These activities along with managing money for trusts and a conservatorship fill his days. They have two adult children, their son, and a daughter who is a marketing manager for a Silicon Valley company.

Jay's hobbies include his involvement in iris, where he currently serves as President of the Society for Pacific Coast Native Iris, Redwood Iris

Society of Region 14, traveling with his family and daily stock market activities.

Taking over and managing the successful 1996 Sacramento Convention is one of his greatest achievements; the people he met there led to his current position. His goal is to continue to lead AIS to a strong financial position and bring all of the financial activities into today's computer age.

Ron Mullin

New Judges Training Chair

Ron Mullin is a native of Oklahoma who has spent 30 years as a teacher, although the last six years have been part time. He holds Bachelor's and Master's degrees from the University of Central Oklahoma.

In 1965, Ron joined AIS as a birthday gift to himself. Almost immediately he began working for the Society as editor of the Oklahoma Iris Society newsletter. After that he edited the *Sooner State Iris News* and the *Region 22 News*. This led to a guest editor's job for the October, 1974 *AIS Bulletin*. He later served as editor of the *Bulletin*.

Ron's first job on the national level was counting the ballots for the Judge's Choice vote. After that, he served on the Median Society Board, as RVP of Region 22 twice, club president twice, chairman of an AIS national convention three times, as AIS Membership Secretary, AIS Judges' Training Chairman, as First Vice President and as President of AIS from 1984 - 1986.

During his tenure in AIS, Ron has given programs in 19 of the 24 regions, and has given programs in four of those regions more than six times each. He edited the *RVP Handbook* and the *Handbook for AIS Conventions*, and was on the committee to revise the *Handbook for Judges and Show Officials* for the past two issues.

Ron belongs to six iris clubs in Oklahoma. He grows approximately 1000 irises in his garden in Pawnee, Oklahoma and has done some hybridizing, resulting in the introduction of six tall bearded irises. As if school work and all the activities of all those iris organizations were not enough, he also works for the football and basketball teams at Pawnee High School as their statistician.

Ron says he is counting on the help of the RVPs as he starts this second term as Judges' Training Chairman. Several years have passed since the last time, and help is appreciated more with each passing year.



Ruth B. Simmons

New Secretary

Born and bred in Oklahoma, Ruth and her husband Jack live on a farm three miles southwest of Walters. Jack raises cattle and wheat. Ruth raises over 700 varieties of iris and has many cats, but not for sale or profit.

The Simmons have two married children and four granddaughters living in the same area, engaged in farming and ranching. Ruth cares for her four granddaughters every opportunity she gets and took two of them to the national convention in Denver.

Ruth joined Southwest Oklahoma Iris Society in 1982, and has served in many offices, including president for four years. During these years, she was also president of the Southwest District of Oklahoma Garden Clubs, Inc. She has served for two years as State Historian for Oklahoma Garden Clubs, Inc.

Ruth has been the Publication Director for the Historical Iris Preservation Society of AIS since 1992. She became an AIS Garden Judge in 1992, and is also an accredited Flower Show Judge. She is the state president elect for the Oklahoma Council of Nationally Accredited Flower Show Judges. Also a Master Gardener, Ruth gives many programs on irises and gardening in Oklahoma and Texas.

Ruth is active in the Oklahoma Archdiocesan Council of Catholic Women. She was employed at the local bank for 10 years, working her way from bookkeeping to Trust Officer. She also is a recruiter for the local American Red Cross blood drives. Ruth was the editor for the Region 22 Newsletter for seven years. She is currently very active in the newly formed Tall Bearded Iris Society, being on the Editorial Committee for their publication *Tall Talk*. In her spare time Ruth enjoys working on the computer and sewing. "I look forward to working with friends, getting to know more friends and promoting and sharing our love of iris." ❧

KEITH KEPPEL

P. O. BOX 18154

SALEM, OR 97305

1999 INTRODUCTIONS

GOOD HUMOR (Shoop) TB, ML 38" (inv. Orange Burst, Dream Affair, Blazing Light, Dutch Magic, Blushing Duchess, etc.) Blended purplish rose, apricot rose bitone, solid red beards. A happy iris! #91-27. . . \$40.00

LEADING LIGHT (Shoop) TB, M 36" (((Orange Burst x Fancy Lady) x sdlg.) X Private Treasure) Standards primrose shaded peach; falls bright lemon yellow with small but eye-catching white spot. #92-18. \$40.00

LONELY HEARTS (Keppel) TB, EM 36" (Dawn Sky X Screen Play) Pinkest-ground plic we've seen... falls with rosy amethyst shaded and dotted band, coral orange beards. #91-86H \$40.00

LOTUS LAND (Keppel) TB, M 36" (Broken Dreams sib) Buff pink with suede-like finish. Good breeder. #92-97B \$40.00

SEA POWER (Keppel) TB, M 38" (Yaquina Blue X Jazz Me Blue) Cornflower to campanula blue, paling to light chicory blue at margins — which then accentuates the heavy ruffling. Voted favorite seedling at 1998 Region 13 spring meet. #93-89B \$50.00

SILK BROCADE (Keppel) TB, EM 35" (((Highland Haze x Change of Heart sib) x (Ever After x Lorilee)) X Dawn Sky) Creamy white ground, bishops violet plicata markings applied in near-solid marginal strips of fine dots. #91-88B \$40.00

SUSPICION (Keppel) TB, M 38" (Wishful Thinking X Spring Shower) Envy green-yellow, tattletale grey in standards. #93-83H. . . . \$40.00

TANGLED WEB (Keppel) ML 37" (inv. Rosarita, Rancho Rose, Gigolo, Foreign Accent, etc.) Dark prune to eggplant plic, rattan fall blaze partially hidden by markings; beards violet and pumpkin. #91-11 8C. . \$40.00

WILD WINGS (Keppel) TB, EM 34" (Night Game sib X Romantic Evening) Very dark violet standards, smooth black falls with clean hafts and rusty terra cotta beards. Lovely lilted form as if poised to take flight. A favorite with visitors. #93-72A \$45.00

BISTRO (Gatty) IB, EML 27" (Quote X Keppel bitoned brown plic sdlg.) Goldenrod; near-solid buckthorn brown fall wash. #Y-8-6. . . . \$20.00

BRIGHT CHILD (Keppel) SDB, E 10" (Firestorm X Quote sib) Clear lemon yellow to chrome glaciata. #92-10A. \$15.00

GIMMICK (Keppel) SDB, EM 11 " (Rusty Dusty X Quote) Exceedingly dark port plic, small lemon yellow fall blaze. #91-57P. . . . \$15.00

MOCHACCINO (Keppel) SDB, M 12" (Quote X sib) Warm brown, falls with a large dollop of whipped cream in the center. #91-53B. \$15.00

MUSIC (Keppel) SDB, EM 12" (Tweety Bird X (Gigolette x Fairy Lore)) Apricot buff, red violet fall markings, fire red beards. #94-23A. \$15.00

SNICKERS (Keppel) SDB, M 14" (Gimmick sib) Blended honey brown to caramel plic. Best seedling, Vancouver 1998 show. #91-57Z. \$15.00

SPREE (Keppel) SDB, M 15" (Jade Jewels X Chanted) Cyclamen to coronation purple, bluer blaze and beards. #91-25L. \$15.00

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Meet the New RVPs

Regional Vice Presidents

REGIONAL VICE PRESIDENTS ARE ELECTED TO THREE YEAR terms by their Regions and approved by the AIS Board at the fall meeting. This year's elected RVPs are as follows:



Ada Godfrey

New Vice President, Region 1

Ada Godfrey was born and raised in England in a family where gardening was as natural as breathing. She learned how to cook and the art of raising geraniums from her grandmother, and from her father she learned to gather seed pods as she learned to walk, and how to set cuttings of chrysanthemums and roses along with reading, writing, and arithmetic.

When Ada came to the USA with her husband, Bill, and two children, she found that although geraniums grew well, chrysanthemums had a much shorter blooming season, and hot dry summers and Japanese beetles made it a little more difficult to grow roses. A chance purchase of eight irises from Melrose Gardens, back in the '70s, which thrived in her New England garden, began a great obsession.

Both Ada and Bill are AIS judges and hybridizers with the concentration on rebloomers for Ada. Together they operate Hermit Medlar's Walk, cataloging all kinds of bearded irises and growing many of the beardless such as Siberian, Japanese, and Louisiana irises.

Ada has served as secretary of the Iris Society of Massachusetts, membership chair and secretary of HIPS, is the current secretary for The Society for Siberian Irises, and the convention chair for the upcoming Iris Odyssey Convention of 2001, for median, dwarf and species irises.

Peter Weixlmann

New Vice President, Region 2

Peter is a native of western New York. His interest in irises and gardening was by no means since birth. Although his maternal



grandparents lived next door and his grandfather was a retired farmer, coming from a long line of farmers, Peter says that while growing up he wanted nothing to do with digging in the dirt, weeding or going to help at his uncle's farm.

After graduating from college with a Bachelor's degree in Biology and an Associate degree in Radiological Technology, Peter settled into a "normal" life of going to work and other pursuits of young adults, as well as traveling abroad. He had planted several irises around his home, but that was as far as it had gone. Then he met a co-worker who was perusing an iris catalog. She turned out to be the secretary of the Western New York Iris Society and invited him to an iris meeting. He went and met all these strange people who did nothing but talk about irises, much to his amazement and bewilderment. However, it wasn't long before Peter himself was hooked. He became vice chair of the local area, helped out with the show and sale and became an auctioneer. Since then he has served on the Board of Directors of the Empire State Iris Society and then as Vice President. As his participation grew, so did his love of gardening. Going on plant hunting expeditions with Kathy Guest, the former RVP, has become a spring tradition.

Peter now grows 400 irises of all types, hundreds of daylilies and other perennials. Apparently the recessive gene for digging in the dirt surfaced and he claims he is not happy unless he is in his work clothes, covered in mud, looking over a mountain of freshly pulled weeds in his iris garden. And his grandfather is looking down and smiling!



Vincent Lewonski

New Vice President, Region 3

Growing irises is in Vince's heritage as his parents grew them in Connecticut, and his grandfather raised and hybridized TBs. One painful childhood memory is of mulching the iris beds with wood chips, then *de-mulching* them as the rhizomes started to rot!

The iris bug hit Vince again about seven years ago as a result of acquiring bags of historic tall bearded from his mother-in-law. A visit to Bill and Martha Griner's garden in Bordentown,

New Jersey got him hooked. Each year since, the garden has grown (and the grass area has shrunk!)

Vince joined the AIS five years ago to learn how to control iris borers after they decimated the beds one year—a situation that many irisarians in the East unhappily can relate to. He is a member of the Delaware Valley Iris Society and the Diamond State Iris Society.

Vince shares the house and garden with four cats and his wife, Susan, who prefers looking at the irises to weeding, spraying and digging them. He is the Quality Control manager at a glue company during his non-garden time.

Region 3 will be hosting the AIS National Convention in 2001, so preparation for that will be the number one priority. Vince loves to visit other people's gardens and "talk irises", and hopes to be able to attract new members through garden tours and shows. He feels fortunate that he will be able to turn for help to the Region's many experienced irisarians, whose knowledge and love for the plant shows in their gardens. He hopes one day to be able to grow irises as well as they do! He looks forward to seeing you in York, Pennsylvania in 2001.



Sara Marley

New Vice President, Region 4

Sara is a ten year (and Life) member of AIS. She and her husband of 49 years, Walter, have a daughter and son who live in Sun Valley, California. A third son was killed in a motorcycle accident at the age of 28.

Before coming to Virginia twelve years ago, Sara and Walter were in dairy and poultry farming for 28 years, 4-H leaders for fifteen years, bred and raised registered Holstein cattle, and snowmobiled as a hobby.

Now they own and operate Rainbow Iris Garden in their spare time. The Marleys are managers of the 145 acre 'Stoneleigh Knoll Farm' located west of Leesburg, Virginia. A registered flock of North Country Cheviot sheep are maintained for breeding stock, fleeces and market lambs.

Sara, originally from western New York, is an accredited Garden Judge, past president of the Chesapeake & Potomac Iris Society, co-editor (with Walter) of the *C & P Iris News*, has been Show Secretary for the past five years, was secretary of the Reblooming Iris Society and is the new Display Garden Chairman for HIPS.

A member of the Ebenezer Methodist Church, she sings in the choir and is a participant in the Administrative Council of the church.

She is also a member of the Garden Study Club of Loudoun, Loudoun Valley Sheep Producers and Loudoun Valley Horticulture Association, likes to read, do counted cross-stitch embroidery and travel.

The Marley garden is the designated Display Garden for the Median, Reblooming, HIPS and Japanese Iris Societies for their area. They Grow over 1000 cultivars of bearded and beardless irises in addition to over 50 varieties of daylilies.

Sara's term as RVP for Region 4 will coincide with the planning stages of the national AIS Convention to be held in 2003. She looks forward to serving the 700 plus members of Region 4 and AIS.



Randall Bowen

New Vice President, Region 5

Randell grew up on a farm in rural Cleveland County near Shelby, North Carolina. He always enjoyed the farm life and has been growing irises for about ten or fifteen years.

The entire Bowen family enjoys growing and showing irises. They became hooked at the national convention in Atlanta, Georgia in 1991.

As their love for irises has grown stronger both Randell and his wife Pat have become AIS garden judges and are lifetime members of AIS. They have been married for 34 years, have two married children and a granddaughter, Megan. Their son and his wife have an iris garden, and daughter Tracie and her husband had their iris garden on the Region 4 spring tour in 1997.

Randell is a Computer Operations Supervisor for Rockwell Automation (Reliance Electric) in Kings Mountain, N.C. His degree is in computer programming. Since schooling is an on going process in addition to the job, the iris garden acts as a relief valve from the computer room environment. Randell is also active within his church. He is currently vice chairman of the deacons, member of several committees and has just recently become a member of the Gideon organization.

Randell has also been very involved in the local iris activities. As a member of the Piedmont Carolina Iris Society he has served as vice president, treasurer, and most recently, president. Along with Marshall Goforth he will co-chair the AIS national convention in Spartanburg, South Carolina in 2004.

Bonnie J. Nichols

New Vice President, Region 17



In assuming the role of RVP of Region 17, Bonnie Nichols brings a wealth of knowledge with her regarding all types of bearded irises. Having grown irises since she was a small child, Bonnie readily gives expert advice to any new irisarian who may have a question about our favorite flower. During the last seven years, Bonnie has quietly been building the foundation

for a hybridizing program focusing primarily on the development of heat tolerant space age irises. Several future introductions have been selected and she looks forward to each spring bloom season in her seedling beds.

Bonnie served as immediate past Treasurer for AIS, and has held several local and regional official positions. Bonnie serves as both a garden and exhibition judge for the American Hemerocallis Society as well. She maintains a collection of over 1500 daylilies and also dabbles in some hybridizing.

Bonnie and her husband, Hooker Nichols, maintain one of the largest commercial iris gardens in Region 17. It was with great enthusiasm that Bonnie Jean Nichols accepted her nomination to become RVP of Region 17.

Raymond Rogers

New Vice President, Region 19

A lifelong gardener, Ray resisted the first attempt at a bite from the iris bug in 1966, when his mother told him to tear out the zinnias and plant 10 tall bearded irises in their place. Reluctance and resentment turned into total surrender when the first blooms (which included such oldies as PARTY DRESS, PIERRE MENARD and THOTMES III) appeared the next year. Since joining AIS in 1973 and making his first entries at the Pittsburgh Iris and Daylily Society show in 1974, Ray has gone on to become a successful exhibitor, an accredited judge, and an active member of several local iris societies, the latest being the Garden State Iris Society. The fairly recent discovery of medians and attempts at hybridizing TBs and MTBs have added fuel to the fire. Ray currently grows about 130 named cultivars and a few hundred seedlings.

Ray supports his gardening habit by editing and contributing to gardening (and other) books, which have included two large encyclopedias. When not tending the irises or the rest of his 2-year-old

garden, Ray prepares for the next spring Philadelphia Flower Show and autumn Harvest Show, where he has won a combined 2 Sweepstakes and 3 Runner-up to Sweepstakes. Ray is looking forward to working with the members of Region 19 as they explore new areas and ways to promote irises in New Jersey.



Fran Evers

New Vice President, Region 20

Fran was born and raised in Denver, Colorado and currently resides just west of this city at the base of the foothills north of Golden. Those attending the 1998 AIS Convention in Denver toured her garden. Gardening runs in the blood, with both her grandfather and mother being avid gardeners. Growing irises, touring iris gardens and entering shows together with her mother became an annual event starting in the early 1980s. Fran attended her first AIS National Convention in Fort Worth in 1993 and with that event any chance for not having iris as a priority hobby vanished.

The move to Rancho de Oro in the summer of 1996 was a dream come true. With more than 40 acres including stream and pond, the iris growing possibilities are unlimited. The beds for the convention plants and Fran's collection expanded to over 700 varieties in her new location.

From the many guest medians, Fran developed a growing appreciation for these little guys, especially the MTBs and IB's and joined the Median Iris Society this past summer. The arilbreds in the garden did so well that she also became a member of Aril Society International and is expanding this collection. She has been a member of HIPS since 1994, and exploration into the beardless iris world is probably on the horizon.

Fran was the Secretary/Treasurer for Region 20 from 1995 through 1998 and belongs to two of the Region's affiliates. She became an accredited garden judge in 1998. Being a key supporter of the Region's Annual Rhizome sale, she maintains an extensive and growing database and picture catalog of iris. She is also a regular contributor to Region 20's semi-annual newsletter and enjoys promoting irises. As RVP she hopes to expand interest in irises and membership in AIS.

A Human Resources manager by profession, Fran currently works as a subject matter expert for a software development lab specializing in Human Resource and Payroll software. She likes to think of this work as making

dreams into reality which in a different way is what hybridizers do.

Fran is pleased to represent Region 20, and looks forward to working with both the people and the flower that we love.



Carolyn Lingenfelter

New Vice President, Region 21

Carolyn sees the love of a garden and the soil as a gift given to some of us. Fortunately her parents were farmers, and consequently her sister, brother and she were able to realize the importance of this gift and never give it up. Although none of them was actually a farmer, the love of working the soil has remained.

Around 1964, when Carolyn was establishing her own home and garden, her sister took her to visit a lady who was a master gardener and who specialized in irises, daylilies and hostas. She bought five or six irises (at a bargain), and received almost as many free. (Carolyn says the woman was the typical generous irisarian.)

Her first contact with AIS was when she attended a judges training session of Region 21. It was a couple more years before she joined a club or AIS.

About thirty years have passed, and Carolyn has served in most offices of the Elkhorn Valley Iris Society and on most committees. She helped rewrite the bylaws for both Region 21 and EVIS. She has attended fourteen National conventions and feels that each one is special in its own way. This year has been extra special for her since she is now a Master Judge, won her first Silver Medal, and has been appointed as RVP for Region 21.

Carolyn's husband of nearly forty years is a retired math instructor. He taught for 35 years at their local community college where she is still a part time librarian. He has never caught the iris virus, nor has their daughter whose interest and business is quarter horses. The Lingenfelters have lived their entire lives in northeast Nebraska, and have only questioned "Why" when the temperature falls to minus 20°F with a wind chill factor of minus 60°F!

Barbara Figge

New Vice President, Region 23 and New AIS Director

Please see Biography under New AIS Directors, page 23.


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Approach to Red Iris

Part II, Allan Ensminger

by Don Spoon, Virginia

ALLAN ENSMINGER CAME WITHIN A HAIR OF PRODUCING A spectrum red self iris. His first goal was to produce a pink amoena, as he said, like his wife Gladys, who had pure white hair that complemented her pink skin and red lips. He nearly met his goal, so he named this 34" tall bearded ALMOST GLADYS ('81) with white standards flushed pink at the base, coral pink falls with 1/8" edging, and red beards. Allan said it was very difficult to obtain this pattern because he had to have three recessive genes homozygous (aaaa). Almost Gladys is a highly inbred cross ((Flame Kiss X (Extravaganza X Pink Formal)) X 64-17 X Ester Fay) X ((64-17 X Ester Fay) X Java Dove) (Both seedling 64-17 and Ester Fay are from highly inbred lines.) The cross 64-17 was ((Memories X Apricot Supreme) X (Extravaganza X Pink Formal)) X (Extravaganza X Pink Formal). From the cross ((Almost Gladys X Foolish Pleasure = Laurie X (Baccarat, a Laurie sibling X Laurie) X Almost Gladys)—a sibling of Sonja's Selah X Christa—he obtained the 26" BB PEACE ON EARTH ('90). Allan said that PEACE ON EARTH (color picture, back cover of AIS Bulletin #279) was the most outstanding seedling he ever produced; unfortunately, all the stock died from scorch after a fierce winter. Its had orient pink standards with gold glitter on the edges, peach falls, and poppy red beards. It was beautifully branched, ruffled and laced. But most exciting was that the poppy red beard color was extensively expressed in the bases of the standards and falls. This had never been seen before, or since, in any iris (except Ghio's 1998 introduction HEAVEN, a white with coral red beards and solid coral red coloring at the base of the falls extending the full length of the beards).

Iris possess the same pigment, lycopene, that make tomatoes red, and it is fully expressed as spectrum red of different hues in iris beards. To be expressed, an iris must be homozygous recessive (tttt or tangerine) for this trait. To be spectrum pink, the other carotene pigments that are not shunted to lycopene must be absent or it will be peach to orange in color. It has been proposed that there is a dominant inhibitor (It) for lycopene expression. It is known that when you cross two pink irises with red beards (tttt and It It it it), or self one of them, you can obtain a

pure white flower with red beards, indicating the dosage and effect of the dominant inhibitor to the flower, except for the beard, has been increased to totality or homozygous dominant (It It It It). Possibly Peace on Earth had (tttt and it it it it) allowing the lycopene to be expressed in the standards and falls. Now, if these two genes (t and It), and a gene for a dominant modifier (Mt), that makes the lycopene expressed only in the beard, are linked on the same chromosome; only a rare crossover could separate that linkage, or he may have obtained a low dosage of the modifier, such as (Mt mt mt mt). Possibly Ensminger obtained this rare event or the low modifier dosage with his pod parent for Peace on Earth. It may be possible to approximate Ensminger's cross by using the pod parent sibling Sonja's Selah X Christa, and then sibling crossing the seedlings to obtain the spectrum red throughout the petals by making homozygous recessive the modifier (mt mt mt mt). Using reblooming pinks, such as Pink Attraction, as the pollen parent on Sonja's Selah might produce a reblooming spectrum red. Possibly the rare crossover event or low dosage modifier was brought in with Roger Nelson's Christa ('85), a proven rebloom carrier. The goal of a spectrum red iris, that reblooms, may be only a few crosses away. That is exciting! 🌸

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Ginny and Don Spoon

The Rocky Road to Red Irises

A Breeding Strategy

by Terry Aitken, Washington

HERE ARE MANY APPROACHES TO THIS SUBJECT. ONE IS TO start from the wild species. Another is line breeding using other hybridizers' work as building blocks. Another manipulates the system, taking advantage of recessive or dominant characteristics. A fourth is to strike off into the wilderness, never to be seen again!

I would speculate that the wild iris method would have us start with the primary colors found in the wilds—white, purple and yellow. Many wild hybrids exist, thanks to the blundering greed and aesthetically challenged work of bumblebees. The natural hybrids would be crosses between purples and yellows, giving us layers of color generally resembling overused dishwater brown. With selective line breeding over fifty years, we could probably rise to today's level of quality! (Bob Schreiner describes early breeding for reds. See *Bulletin* #191, Oct. 1968)

The building block theory strikes me as the shortest route to instant gratification. A good section on the history of red breeding exists in *The World of Iris*, pages 77-81. Also, on the scientific side, Norlan Henderson covers pigment colors on pages 360-374. In the mid seventies, the Schreiner family was in most successful pursuit of line breeding with SPARTAN and POST TIME (see photo, back cover, July 1997 *Bulletin*). It seemed an unlikely place for a beginner to "jump in".

The next option was the recessive concept. Back in the seventies, I had heard that plicatas were recessive, which meant that, if outcrossed to a solid color, the solid color would usually dominate, but that you could acquire flower form, branching or whatever other characteristics you were looking for, from the plicata parent. We went to the Schreiner reds again and the Keppel plicatas, hoping for the best of both worlds. Post Time X Santana (yellow ground brown plicata) gave us a beautifully smooth, rich, red seedling. The plant carried 14 buds regularly and put on a magnificent display, with four or five flowers open at a time. The weight was more than it could bear, and the weak stems crashed to the ground. No introduction there! Another cross, Caramba X Spartan, produced a deep nut brown seedling, introduced as HAIDA DANCER ('84). This plant held up well with clean (no haft) color and good form. We drifted off in

other directions at that point, but hind sight (isn't it wonderful?) would suggest further pursuit, either going back to the red parents to continue variations in red, or towards the plicatas for variations in plicatas. We may still do that!


About this time, we went off in another direction, as we had discovered that MYSTIQUE would produce superior seedlings when crossed with almost any other color. Needless to say, pollen from Mystique (it is pod sterile, almost) went back on our favorite reds. Spartan X Mystique produced JUNGLE PRINCESS ('89) with buckskin tan stands and glossy red falls. Post Time X Mystique produced WALKING TALL ('87). This plant did go one step farther when it was crossed with the newer Schreiner red, WARRIOR KING. This produced RAKU BLAZE ('96) and its rogue sibling, (to be introduced in 2000). On another tack, Joe Ghio got from Jungle Princess his recent introduction CHINESE NEW YEAR (see back cover). So the building blocks continue.

The fourth method of breeding for reds—"striking off into the wilderness"—is my current fascination. I theorize that the red violets surely must have red in them that can be line bred for red and perhaps seeking out those seedlings with reddish pigment and red or coral beards might be the guiding light. Keying on the red beards appears to be the best strategy. Searching through our breeding stock and crossing for red beards has produced some interesting red variants, the best of which is shown in color on page 61. This plant's pedigree tracks back to 1978 and a cross for oranges (Glazed Orange X Tangerine Sunset) which produced a red bearded white. This plant when crossed with Lace Artistry (Buffy X Windsor Rose) produced a laced white with a soft pink beard. This seedling was crossed with GENIALITY (see back *Bulletin* cover, January '97) to recover the red beard. Others in this line include (Modern Story, which tracks to Ovation) X Lace Artistry and (Persian Gown x Lady Friend) (see back *Bulletin* cover, April '98). Finally, in the ninth generation, a cross with EVER AFTER produced this red seedling. Conceptually, this represents a long list of outcrosses involving building blocks from many other hybridizers with a dominance of Opal Brown's red bearded work as the common denominator.

Where do we go from here? Jean Witt's suggestion is to cross this plant with lemon yellows or "glaciatas" to maintain the brilliance. Going back to "recessive plicatas" is another option, and plicatas could be very useful, as first generation seedlings would probably be solid reds with red beards. At that point, there is an opportunity to go after red bearded red plicatas with the next generation.

Injecting rebloom into this color class would be great, with some likelihood of picking up vigor and durability as byproducts. The closest thing I can think of would be the red bearded pink rebloomers, such as PINK ATTRACTION. Going to PURE AS GOLD would not be overlooked, but the loss of the red beards is likely, at least in the first generation.

The median classes also stand in wait. Ben Hager's MTB, NEW IDEA, would probably net you some reds, but the beards would be muted. PUPPY LOVE and PINK BUTTONS might save the brilliance of the reds. Carol Lankow's SDB, JEWELER'S ART, has great red intensity and is a prime candidate to produce red intermediates, again with muted beards.

The next step is searching the market for newer introductions from other hybridizers to use as building blocks. AMBROSIE (R. Cayeux '97) from France; EVER ANEW (D. Miller '98) from Colorado and ARIZONA REDHEAD (Shepard '98) strike me as good candidates, along with SATURDAY NIGHT LIVE (Schreiner '96) Other hybridizers working this color group would include Linda Miller and Joe Ghio, and I'm sure there are others. No iris is an end product. It is simply a building block to different and better things to come. 

"Japanese Will Shine in '99"

Society for Japanese Irises National Convention

Portland, Oregon, June 24 – 26, 1999

Sponsored by The Greater Portland Iris Society

There will be two days of bus tours that will include five gardens. For further information, contact: Chad Harris, Chairman, PO Box 346, Washougal, WA 98671-0346. Phone (360) 835-1016; E-mail <RSJJ98A@Prodigy.com>.

Convention headquarters: Monarch Hotel
125 SE 93rd Ave
Clackamas, OR 97015
(503) 652-1515 or (800) 492-8700

Hotel rate: \$88.00 Single-double, plus 6% tax. Mention SJI Convention for special rate. There is free parking and free bus service from the Portland airport to the hotel.

Registration is \$95.00, postmarked no later than May 1, 1999, and includes two days of bus tours with lunches and two dinners. Send check, payable to 1999 SJI Convention, to Dale Grams, Registrar, PO Box 346, Washougal, WA 98671-0346.

AIS Library

1999 Update

by Keith McNames, Oregon

WE NOW HAVE IN PLACE AT THE AIS LIBRARY IN Silverton a Gateway computer with a laser jet printer, a Xerox desk top copier, a phone line with a telephone / fax machine (plain paper), answering machine, and desk and chair, making an useable office environment. The Library phone and fax number is (503) 873-6831. We have not yet signed onto the Internet, but will do so shortly, during the rainy winter weather, so we can take full advantage of the 100 free hours offered during the first month.

Entered on the computer so far are Books, *Check Lists*, *Registration & Introductions* and *Bulletins*. The *R & I's* and *Bulletins* are on a database showing quantities on hand and excess available for either auction, sale, or some form of disposition.

Three bookcases were purchased to house the requested five loose copies of our *Bulletins*. Six two-year volumes were bound, leaving only 1997 and 1998 to be bound, and the rebinding of two other volumes correcting errors found in prior binding.

With the rainy season here, time is available and will be spent getting more information keyed into the computer.

We are still awaiting some records from the late 1980s and the early 1990s from the Historical Committee. We hope the transfer of these AIS records can be done in a timely manner so that the Library can provide an accurate inventory. ♪

The Species Iris Group of North America

is pleased to announce the publication of the

Checklist of Species Iris

The Checklist will be published in two parts: **Part I** Botanical list of Species, **Part 2** Alphabetical Cultivar list of species, their variations and hybrids.

Orders postmarked before February 15, 1999 may be ordered at the pre-publication price of \$10.00 the set plus postage.

Orders postmarked after February 15, 1999 will be \$15.00 plus postage.

Please add \$3.00 for postage within the continental US, and \$6.00 postage for overseas and Canadian orders.

The Checklist will be mailed by first-class priority mail.

Make check or money order payable to SIGNA and send to:
Robert Pries, 6023 Andre Road, High Ridge, MO 63049

1999 INTRODUCTIONS

KITTY DYER (P. Dyer '99). TB, 30" (80 cm), Midseason-Late. Named for my mother, Miss Kitty. A small-flowered TB, nearly Border Bearded in size and proportion. Glistening icy lemon standards. Falls are a shimmering pure ice-white with a narrow banding in icy lemon. Soft yellow beards. Excellent stalks, with 3 branches, 8 buds. Sdlg. #91-235A: (Vida X Spring Satin). **\$30.00**

POETRY IN MOTION (P. Dyer '99). TB, 34" (86 cm), Midseason-Late. A sophisticated new plicata, with a white ground heavily stitched in medium orchid to lilac. The coral to shrimp beards occasionally sport a short coral horn. Beautiful branching, with 3 branches, 8 to 9 buds. Good plant habits. Sdlg. #91-174A: (Lovebird X Tide Mark). **\$35.00**

ZATON (P. Dyer '99). TB, 36" (91 cm), Midseason. Rich deep violet standards. Deeper (near-black) falls with a satin sheen. Beards are deep violet to black. Moderately ruffled. Exceptionally resistant to water spotting. Willowy stalks produce 3 branches, 8 to 10 buds. Healthy, vigorous blue-green foliage. Sdlg. #90-40A: (Houdini X Navy Chant). **\$30.00**

BLEACHED BLONDE (P. Dyer '99). SDB, 10" (25 cm), Midseason. Dearie, your *ROOTS* are showing! An ivory to cream-based "barely-plicata", flushed butter yellow, with light blue stitching appearing only at the base of the standards. Falls are ivory, lightly banded yellow, with warm yellow shoulders (no plicata markings). Light yellow beards. Outstanding form, substance, and vigor. 1 branch, 2 to 3 buds. Sdlg. #94-71A: (Chubby Cheeks X Gigolette). **\$12.50**

GAILY FORWARD (P. Dyer '99). SDB, 12" (30 cm), Midseason. Standards and style arms are bright yellow with the falls blended in honey (no stitching). Falls are white, edged in chrome yellow, with honey plicata brushings only at the shoulders. Beards are root beer with an old gold base. 1 branch, 3 buds. Sdlg. #91-73A: (Varmint X Tricks). **\$12.50**

RADIOACTIVE (P. Dyer '99). SDB, 12" (30 cm), M-L. Bold and daring. Bright medium yellow standards. Falls are a rich cherry to mahogany red with a 1/8" edge in yellow. Bright yellow beards. Smaller flowered and more compact in size and plant habits than Jazzamatazz. 1 branch, 2 to 3 buds. Sdlg. #91-309B: (Spot of Tea X Jazzamatazz). **\$12.50**

STAR OF AFRICA (P. Dyer '99). SDB, 14" (36 cm), E-M. Lovely chicory blue self, complemented with brilliant, medium sapphire blue beards. Clean and crisp. Remindful of an SDB Song of Norway. Excellent plant habits. 1 branch, 3 buds. Sdlg. #89-21A: (Blue Line X Serenity Prayer). **\$12.50**

CONTEMPORARY GARDENS of Perry Dyer
Rt. 5, Box 800
Blanchard, OK 73010

Send \$2 for 1999 catalog, available in February.

The Denver Convention

An European Perspective

by *Gisela Dathe, Germany*

ONCE AGAIN, OUR VACATION IN THE USA BEGAN WITH attending an AIS Convention, this time in Denver, Colorado. We attended the Region 20 Flower Show the weekend before which allowed us to see the differences between the show rules in our country and the US. We also enjoyed a pre-convention trip through the Rocky Mountain National Park and a tour of the Botanical Gardens.

The first day of the convention tour the Long Garden in Boulder was our destination, where, unfortunately, the weather did not present its best side. The guest irises, planted in easy to view, well marked rows, as well as a large collection of Dykes Medal irises, presented a colorful picture. Our special attention was caught by SNOW JOB (Black '98), PRINCESS CAROLINE DE MONACO (R. Cayeux '98), Schreiners' LUXOR GOLD ('98) and CITYSCAPE ('97), SUDDEN IMPACT (Tasco '97), INDIAN SANDSTONE (Ernst '96), HI CALYPSO (Hoage '98), ACOMA (Magee '90), POND LILY (E. Jones '95), and Siberians SENECA NIGHT SKY (Borglum) and BAND OF ANGELS (Hollingworth '96).

On we went to the David Miller garden, where, luckily, umbrellas were not needed. Many rows of beautiful, large flowered irises behind the house made us reach for the cameras once again, to capture the eye-catchers among them in pictures. Among these were two Keppel 1996 TBs, LOCAL COLOR and NIGHT GAME; a pale yellow Nichols seedling, 9209-S, Stahly's 93-36, and David Miller's own CUSS A'BLUE STREAK ('93). We also liked BLUE EYED SUSAN (Lauer '98), VIZIER, (Ghio '98) and SIXTINE (Cayeux '94). A wonderful planting of Spuria irises also deserves mention, including ADRIATIC BLUE (Niswonger '96) and the large flowered, white-yellow Johnsen seedling JSPU-92-1. The light medium blue Siberian SENECA SKYLITES (Borglum '96) was beautiful.

Lunch was at the Celestial Seasonings Tea Factory. Afterwards we had an interesting guided tour of warehouses, manufacturing and shipping. On the trip to the higher elevations of the Denver area our bus had difficulties and the last section of the steep incline to the garden of

John and Fran Evers was accomplished in reverse gear! Here, at more than 6,500 feet, it rained so hard it was impossible to take pictures. We peeked out from under umbrellas to view and evaluate the irises which were holding up pretty well.

Our last stop the first day was the Townsend Garden, also in Boulder. The garden is Carol's masterpiece, designed in several levels, with a pond that is well integrated into the landscape with its big rocks and attractive plantings along the edges. An expertly executed landscape design displayed historic irises and new introductions demonstrating the development of bloom form and color. Of special note were IRENE FRANCES (Richardson '95), ARCTIC EXPRESS (Gatty '96) and the Cadd seedling 85-91-2. To his delight, my husband discovered the LGB model railroad tracks among the irises.

The second day of the tour we were off to Colorado Springs. The Knudtson Garden was across from the Mining Museum, giving us the opportunity for an exclusive tour of the mining operation which had taken place here in the past. In the garden most irises were not yet blooming, due to the fact we were at an elevation of over 7,500. Feet. However, the irises had developed healthy, large clumps, the ideal basis for great bloom to come.

At the Union Printers Home Garden the bad weather reached its worst. Hail and snow on blooming irises—we had never experienced anything like this in Germany! Fortunately, it is a rarity even for the U.S. (That evening we saw the official announcement: 34° for the low and a daytime high of 49°!) On the historic grounds of the International typographical Union a number of old and new irises were planted, in the shape of a huge **E** in memory of the Dykes Medal winner, ELMOHR (Loomis).

The last visit of the day was to the Dr. Loomis Memorial Trial Gardens, at an elevation of 7,200 feet. We were guided by its director, Russ Eacker. Here, too, pouring rain and the soggy ground made it difficult to appreciate this beautiful, spacious garden. The layout made viewing easy with round or oval beds in which one, two or three year old plants were grown separately.

On the final day of garden tours the sun was shining brightly from a blue sky, and visiting the garden of Lowell Baumunk and Barbara Lewis became a special event for all of us. The guest irises were in full bloom, making photography easy. Outstanding varieties included RUBAN BLEU (J. Cayeux '97), POND LILY (E. Jones '95), LYME TYME (Messick '97), DEBBIE REYNOLDS (Schick '96), DOUBLE BUBBLE (Ghio '98), as well as seedling numbers FF178-1 (Schreiner) and 93B3, plicata (Stetson). In addition were a large number of arilbreds, named varieties

as well as seedlings by Lowell Baumunk and a good collection of historic irises. The garden was very cleverly designed by Barbara.

The bus trip continued on to the garden of Glenna Chapman, where each of the iris beds was given the name of a Colorado town. Here again I liked the eye catching colors of HI CALYPSO, and two Keppel TBs, CROSS CURRENT ('95) and DAYGLOW ('97), as well as AMHERST COLORS (Durrance '93) and Stetson's RS9314.

Then we were off to the Hudson Garden. Here, alongside the pretty perennial border was the planting of guest irises in peak bloom. In addition to others already mentioned, we liked the nicely ruffled, light blue MONET'S BLUE (Schreiner '98), which had perfect form and color. Impressive with good branching and strong stalks was IDITIT (Schick '97) and Carr seedling 92-72A.

At the Love garden we found three rows of irises in full bloom. Noticeable was a large clump of BUISSON DE ROSES (R. Cayeux '98) and a Cadd seedling 152-91-12. The Siberian LAKE KEUKA (Borglum '91) was fascinating in this garden, as it had been in others, with its brilliant light blue coloring.

Our last stop was the Rob Stetson Garden. Welcoming us in the street, along the sidewalk, was a great border of beautifully blooming irises—something that would be unthinkable in Germany. Against the wall of the house was a gorgeous Spuria seedling by De Santis, 84-40C, as well as MIDNIGHT RIVAL (Johnson '92) and MISSOURI SPRINGS (Niswonger '94). In the large planting of TBs we especially like STAR FLEET (Keppel '93), GOOD VIBRATIONS (Schreiner '97), ALPINE TWILIGHT (Durrance '96) and COLLEEN'S DREAMSICLE (Spoon '96).

Back in the bus, we had to turn in our ballots to select the award winners. The winners, POND LILY (E. Jones '95) for the Franklin Cook Cup and SAN JUAN SILVER (D. Miller '98) for the President's Cup, were announced during the Awards Banquet. We were especially happy to see Keith Keppel awarded the Gold Medal, the highest AIS honor, for his untiring and selfless work.

Our sincere thanks to all for an unforgettable convention. The slides and videos Wolfgang took will be shown to iris friends in Germany, where we are certain the beautiful irises will create great excitement and enthusiasm. ❧

Editor's Note: Thanks to Ilse Rasmussen, Wichita, Kansas, for translating from German the above article for use in the *Bulletin*.



MIDSUMMER NIGHT'S DREAM: Reblooming Intermediate. Seedling 92BBWA-7. Very smooth iridescent dark purple, reminiscent of its grandparent TITAN'S GLORY. Wide and ruffled. 19". MIDSUMMER NIGHT'S DREAM is the best performer among our large collection of rebloomers. Rebloom begins in July and continues until frost here in Colorado. Rebloom reports have been received from all quadrants of the US. Vigorous plants with lots of increase. Some fertility. High Commendation 1998. (BEST BET X WHAT AGAIN).
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LOWELL BAUMUNK 1999 Introductions

KIT FOX: Standard Dwarf. Seedling. 94SCJm-1. Rich chocolate mahogany pumila spot nearly covers the falls. Snow white standards with a light touch of sunshine yellow on the ribs, giving the effect of a dramatic brown amoena. 12". The one you notice from across the garden (SASS WITH CLASS X JAZZAMATAZZ).
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Lodging at DoubleTree Hotel, Markham & Broadway, (501) 372-4371. For information on registering, lodging, etc., contact Tom W. Dillard, Convention Chair, 12 Normandy Road, Little Rock, AR 72207. Phone (501) 666-7882. Email: tomd@cals.lib.ar.us

**Hosted by
Central Arkansas Iris Society**

AIS Shows

Winners of 1998

<i>Place of Show</i>	<i>Silver Medal</i>	<i>Bronze Medal</i>	<i>Best Specimen</i>	<i>Exhibitor</i>
Region 1				
Auburn, ME	The Whites	Shirley Pope	SILVERADO (TB)	The Whites
Auburn, ME	Paul Dostie	The Whites	TRANCE (JI)	Paul Dostie
Boyleston, MA	Stephanic. Markham	David & Barbara Schmieder	I. CRISTATA 'ALBA'(SPEC)	Stephen Smith
Shelburne Falls, MA	Deborah Wheeler	Andrew Wheeler	PHIL EDINGER (SPEC)	Andrew Wheeler
South Paris, ME	The Hazeltons	The Whites	CREME LADY (MTB)	The Hazeltons
Region 2				
Albany, NY	Linda Montanaro	Bob Keup	I. PSEUDACOROUS (SPE)	Linda Montanaro
Buffalo, NY	Greg Schifferli	Peter Weixlmann	WINTER'S TALE (TB)	Donna Schifferli
Glens Falls, NY	Bob Keup	Jan Haney	DOTTED LINE (SINO-SIB)	Bob Keup
Wappingers Falls, NY	Mickey Koschara	Christine Feger	SONG OF NORWAY (TB)	Mickey Koschara
Region 3				
Cheswold, DE	Theresa Jewell	Joan Wood	LOYALIST (TB)	Elisabeth Unruh
Pittsburgh, PA	Larry Grundler	Mike Corle	LINGERING SPRING (TB)	Steve Hampson
Townsend, DE	Theresa Jewell	Joan Wood	CASCADE CREST (JI)	Connie Marino
Region 4				
Beltsville, MD	Dick Sparling	Ginny Spoon	IRIS GRACILIPES (SPE)	Clarence Mahan
Beltsville, MD	Ginny Spoon	Don Spoon	GOLDEN IMMORTAL(TB)	Ginny Spoon
Charlotte, NC	David Hull	Pat Bowen	RED DAZZLER (LA)	Katharine Steele
Charlotte, NC	Ginny Spoon	Lois Rose	HARVEST OF MEMORIES(TB)	Phyllis Soine
Chesapeake, VA	Jan Bryant	Marian Rogers	CONJURATION (TB)	Matthew Pearson
Fairfax, VA	Clarence Mahan	Virginia Welazak	PHIL EDINGER (I. PSEUD)	Clarence Mahan
Fredericksburg, V A	Lois D. Rose	Sharon Lipic	MAJESTIC INTERLUDE (TB)	Jim & Gina Schroetter
Hendersonville, NC	Randall&Pat Bowen	June Middleton	COUP DE STAT (LA)	Randall&Pat Bowen
Pikesville, MD	Ginny Spoon	Pat & John Kwedar	FOREVER YOURS (TB)	Ginny Spoon
Towson, MD	Clarence Mahan	Carol Warner	CHESHIRE CAT (TB)	Ginny & Don Spoon
Virginia Beach, VA	Bill & JaNiece Mull	Marian B. Rogers	"BASTARD" (I. PSEUD)	Matthew Pearson
Wheaton, MD	Carol Warner	Ginny Spoon	ROSEWATER (JI)	Carol Warner
Williamsburg, VA	James & Nelda Pressly	Elaine Minnick	MATINATA (TB)	Elaine Minnick
Region 5				
Anderson, SC	Randell & Pat Bowen	Marshall Goforth	JOAN MORITZ (SDB)	Randell & Pat Bowen
Decatur, GA	Mark & Patty Franklin	Beverly Barbour	SILVERADO (TB)	Mark & Patty Franklin
Gaffney, SC	Randell Bower	Marshall Goforth	SILVERADO (TB)	Randell & Pat Bowen
Griffin, GA	Lucy Stewart	Betty Jones	FINE CHINA (TB)	Lucy Stewart
Milledgeville, GA	Joe Scott Watson	Charles D. Weathers	AFTERNOON DELIGHT (TB)	Ira Parnell
Summerville, SC	Maggie Johnson	LucilleLimehouse	ENFANT PRODIGY (SPEC)	Patricia Brooks
Region 6				
Cleveland, OH	Tony & Dorothy Willott	Mike James	ARCTIC EXPRESS (TB)	Mike James
Columbus, OH	James Ryan	James Gossard	CONJURATION (TB)	James Ryan
Ft.Wayne, IN	Mike Myers	Lynda Miller	NOW THIS (SPU)	Lana Higgins
Grand Rapids, MI	Jon & Lois Wier	Mike Moorman	DUSKY CHALLENGER (TB)	Jon & Lois Wier
Hale, MI	Evelyn Momrick	Wilbert Emig	SPRING FESTIVAL(TB)	Evelyn Momrick
Indianapolis, IN	Charles Bunnell	Roger Miller	STIPPLED LADY (MTB)	Roger Miller
Kalamazoo, MI	Ensata Gardens	Jill Copeland	ROY DAVIDSON (SPEC)	Carol Kerr
Mansfield, OH	James Ryan	Martha Beal	CHANGE YOUR WAY (TB)	Fred Taylor
Middletown, OH	Sandra Rawlings	John Bruce	MAGHAREE (TB)	Sandra Rawlings
Muncie, IN	Christine Foy	Jack Norrick	CONJURATION (TB)	Christine Foy
Region 7				
Bowling Green, KY	Betty Wilkins	Inez Turns	VANITY (TB)	Betty Wilkins
Dresden, TN	Earnest & Deborah Royal	Joy Seckler	PRIVATE TREASURE (TB)	Earnest & Deborah Royal
Florence, KY	Jess & Elsie Laws	Daryl Laws	SCANDIA DELIGHT (TB)	Jess & Elsie Laws
Jackson TN	Joe&Imogene Zacharzuk	Marilyn Woods	DUSKY CHALLENGER (TB)	Joe & Imogene Zacharzuk
Knoxville TN	John Couturier	Tom Parkhill	SOO LING (TB)	John Couturier
Lebanon TN	Russell Watson	Bess Thompson	PERSIAN GOWN (TB)	Bobby Eakes
Lexington, KY	Rita Adkins	Evelyn Barker	CAMBRIDGE (SIB)	Rita Adkins
Louisville, KY	Paula Beller	Butch & Sara Estes	CONJURATION (TB)	Kaye Moore
Memphis, TN	Lottie Lough	Mary Ann Collins	DUSKY CHALLENGER (TB)	Mary Ann Collins
Memphis, TN	James Russell	Elke Longsworth	MARY FRANCES (TB)	Linda Melear
Memphis, TN	James Russell	Brenda Belus	SWEETER THAN WINE (TB)	Jean Batterman
Murfreesboro, TN	Bill Hurt	Russell & Jill Watson	SONG OF NORWAY (TB)	Sue & Layton Gossage
Nashville, TN	Bill Hurt	Darnell Hester	CONFECTIONARY (TB)	Bill Hurt
Paris, TN	Earnest&Deborah Royal	Joy Seckler	I. PSEUDACORUS (SPEC)	Earnest & Deborah Royal

Aitken's Salmon Creek Garden



Counting Sheep (Aitken), SDB

← **Marksman** (M. Smith), SDB

1999 Introductions

See color catalog or website for additional introductions.



Black Currant
(M. Smith), IB



Pink All Over
(Fisher), MTB



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<i>Place of Show</i>	<i>Silver Medal</i>	<i>Bronze Medal</i>	<i>Best Specimen</i>	<i>Exhibitor</i>
Region 8				
Blaine, MN	Walter E Doehne	Mary J.&Virgil Ingbretson	DARK WATERS(IB)	Mary Jean&Virgil Ingbretson
Hales Corners, WI	Francis Rogers	Dorothy Vande	ZULA (MTB)	Dorothy Vande
Madison, WI	Karen Eirich	Judith Baker	SILVER YEARS (TB)	Karen Eirich
Region 9				
Alton, IL	Lu & Orville Dickhaut	Nancy & Irv Pocklington	ROBIN GOODFELLOW(MTB)	Ernie & Ann Henson
Glencoe, IL	William Hessel	Alice Simon	SHIRLEY'S CHOICE (SIB)	William Hessel
Hinsdale, IL	Chuck Simon	Mark A. Timko	CHUBBY CHEEKS(SDB)	Mark A. Timko
Hinsdale, IL	Chuck Simon	Dale L. Hamblin	CONJURATION(TB)	Chuck Simon
Rockfork, IL	Joe Stien	Betty Blecher	ROSETTE WINE (TB)	Shirley Stien
Urbana, IL	Jerry & Melody Wilhoit	Cynthia Kermode	HIGHLINE AMETHYST(SPU)	Jerry & Melody Wilhoit
Region 10				
Lafayette, LA	Gordon Rabalais	Jim Leonard	OBVIOUS HEIR (LA)	Gordon Rabalais
Region 11				
Boise, ID	Donetta Black	Edna Rosenbaum	CELEBRATION SONG (TB)	Chuck Stanley
Missoula MT	Jay Clark	Bob & Billie Gray	1. SAUGUNEA KAMAYAMA (SPEC)	Swede Gustafson
Ontario, OR	Ken & Carol Colman	Lucille Pinkston	THORNBIRD (TB)	Ken & Carol
Colman				
Region 12				
Logan, UT	Jared Harris	Jeffrey Walters	TENNESSEE WOMAN (TB)	Jared Harris
Salt Lake City, UT	Brad & Kathie Kasperck	Ora Burton	IRISH MOSS (SDB)	Marian Daniels
Salt Lake City, UT	Joe Brown	Val & Barbara Wilson	SUN GODDESS (TB)	Joe Brown
Region 13				
Bellevue, WA	Fran Hawk	Debby Cole	FINSTERWALD (IB)	Sterling Okase
Puyallup, WA	Marjorie Kilborn	Rita Butler	CHINESE TREASURE(TB)	Marjorie Kilborn
Salem, OR	Mtn. View Iris Garden	L. R. Walker	LILAC GARDEN (JI)	L. R. Walker
Seattle, WA	Marjorie Kilborn	Jean Witt	DRADY'S GIRL (MTB)	Jean Witt
Spokane, WA	Norma Lunden	Verniece & George Kubes	MASTER PLAN (TB)	Darrell Daniel
Vancouver, WA	Keith Keppel	John Ludi	SPRING FRESH (SDB)	Keith Keppel
Walla Walla, WA	Margaret McCrac	George Dietrich	TRIPLE WHAMMY (TB)	Margaret McCrac
Yakima, WA	Majorcy Clements	Mildred Grow	BUTTERED BISCUIT (TB)	Ken Kennedy
Region 14				
Auburn, CA	Bertha Brownlee	Yvette Meador	SPOONED BLAZE (TB)	Karen Lawler
Capitola,, CA	Lois Belardi	Joe Ghio	BRONZE ART(SPU)	Lois Belardi
Chico, CA	Cloudia Owen	Leo & Norma Barnard	ETIQUETTE (TB)	Bertha Brownlee
Fresno, CA	George Sutton	John Weiler	BLATANT (TB)	George Sutton
Las Vegas, NV	Jean Paul	Evelyn Condo	IMPERIAL BRONZE(SPU)	Evelyn Condo
Las Vegas, NV	Oscar Schick	Linda Pires	JUAN VALDEZ (TB)	Oscar Schick
Oakland, CA	Lewis & Adele Lawyer	Vernon Wood	PEACOCK GAP (PCN)	Lewis & Adele Lawyer
Palo Alto, CA	D & D Eigenman	Bob Kravs	GREETING CARD (PCI)	John Jones
Redding, CA	Edna Bryceson	Judy Wallach	LOS ANGELES (TB)	Edna Bryceson
Redding, CA	Sandy Olsen	Carolyn Hoyum	BOZRAH (AB)	Carolyn Hoyum
Sacramento, CA	Joe Seibert	Joyce Ragle	CRYSTAL RING (TB)	Louise Allison
San Jose, CA	Gigi Hall	Philippa Alvis	AIR SHOW (PCI)	Gigi Hall
Santa Rosa, CA	Anna & David Cadd	Alice Brigaerts	PACIFIC HIGH (PCI)	Hal Mattos
Ukiah, CA			RARE EDITION (IB)	Joanne McGrew
Ukiah, CA	Joanne McGrew	Jay Hudson	CONJURATION (TB)	Joanne McGrew
Visalia, CA	George Sutton	Edwin S. Matheny III	IRIS FALVA (LA SPEC)	Edwin S. Matheny III
Visalia, CA	Edwin S. Matheny III	Michael Kreps	STRANGER IN PARADISE (JI)	Edwin S. Matheny III
Walnut Creek, CA	Darrell & Diane Eigenman	R & B Circle Gardens	NIGHT EDITOR (PCN)	Dorothy Rucker
Weott, CA	Betty Coyle	Agnes Tupes	SILVERADO (TB)	Sue Tosten
Region 15				
Palmdale, CA	Richard Stretz	Calvin Bastiwick	ULTRA ECHO (BB)	Babbette Sandt
Riverside CA	Corrine Bromberger	Carol Morgan	MANTRA (CA)	Mike Monninger
San Diego, CA	Steve Rocha	Carol Morgan	BLUE GLOSS (TB)	Steve Rocha
Tucson, AZ	Sally Cooperman	Kathy Chilton	IMPERIAL RUBY (SPU)	Sally Cooperman
Woodland Hills,CA	Jean Bossier	Pete De Santis	BANDED BUTTERFLY (IB)	Jean Bossier
Region 17				
Amarillo, TX	Kenneth Mazurek	Edna Carrington	SUPREME SULTAN (TB)	Kenneth Mazurek
Austin, TX	Don & Pat Freeman	Hazel Haik	GUADALAJARA (TB)	Roy & Connie Rutledge
Belton, TX	Roy&Connie Rutledge	Jim Landers	SKATING PARTY (TB)	Opal Gary
Bonham, TX	Melvin Curtis	Oleta Walker	ACOMA (TB)	Dean Van Meter
Cleburne, TX	Mary Huggins	Frank&Helen Furr	MAGIC SHOW (TB)	Myrtle Hodges
Dalles, TX	Hooker & Bonnie Nichols	Linda Thornbrugh	SUSQUEHANNA(TB)	Linda Thornbrugh
Dallas, TX	Linda Thornbrugh	Lew Begley	NIGHT AFFAIR (TB)	Linda Thornbrugh
Fort Worth, TX	Joe Spears	Linda Thornbrugh	KELLEY'S CHOICE(LA)	Gene Holt
Lubbock, TX	Vernon&Dana Brown	Vernon&Glenna Keesee	HANDSKAKE (TB)	Charles Post
Lubbock, TX	Lucille Sedgwick	Vernon&Dana Brown	LONG'S PEAK (TB)	Barbara Benson
Midland, TX	Lonie Mitchell	Wilson Howell	PAULINE COOLEY (TB)	Lonie Mitchell

<i>Place of Show</i>	<i>Silver Medal</i>	<i>Bronze Medal</i>	<i>Best Specimen</i>	<i>Exhibitor</i>
New Braunfels, TX	Harvey A. Wilson	Bobbie Allen	HELLO DARKNESS(TB)	Bobbie Allen
Odessa, TX	Dr. John Howlett	Ann Carnes	THORN BIRD (TB)	Debbie Davila
Sherman, TX	Tom Nuckols	Ellen Sullivan	ROYAL BLESSING (TB)	Charlie Brown
Sherman, TX	Alisa Peters	Ellen Sullivan	LEMON TWIST (TB)	Ellen Sullivan
Temple, TX	Jim Landers	Louise Gerstenberg	SKATING PARTY (TB)	Jim Landers
Waco, TX	Hazel Haik	Roy&Connie Rutledge	GUADALAJARA (TB)	Roy&Connie Rutledge

Region 18

Augusta, KS	Mike Walz	Dorothy Dickson	INDUCEMENT (TB)	Dorothy Dickson
Crestwood, Mo	Jim Morris	Kevin Gormley	THORN BIRD (TB)	Riley Probst
Dodge City, KS	J.C. Sinclair	Robert Preston	DUSKY CHALLENGER (TB)	Jerry Shelly
Garden City, KS	Wanda Smith	Gail da Silva	RARE EDITION (IB)	Wanda Smith
Garden City, KS	Duane Hays	Wanda Smith	COPPER GLAZE (TB)	Duane Hays
High Ridge, MO	Frances Boyd	Stanley Grein	PINK PELE (IB)	Lee Charlton
Hutchinson, KS	Jo Anne Hooker	Nellye Drake	DUSKY CHALLENGER (TB)	Judy Eckhoff
Jefferson City, MO	Eric Tankesley-Clarke	Dan Judy	SOLOIST (TB)	Tankesley-Clarke
Lone Jack, MO	Ray & Judy Keisling	Irene Isbell	ROARING JELLY (SIB)	Ray & Judy Keisling
St. Joseph, MO	Bev Hoyt	Ray & Judy Keisling	MARVELL GOLD (LA)	Bev Hoyt
St. Louis, MO	Jim Morris	Jim Loveland	JOHN (IB)	Jim Morris
St. Louis, MO	Dan Delmez	Nyla Hughes	CENTER OF ATTENTION(II)	Dan Delmez
St. Peters, MO	Riley Probst	Jim Morris	JEAN HOFFMEISTER(TB)	Sue Delmez
Springfield, MO	Calvin Helsley	Bev Dewitt	OLD BLACK MAGIC	Mary Brundage
Washington, MO	Mike Theissen	Carol Kuhlmann	STEPPING OUT (TB)	Mike Theissen
Wichita, KS	Helen Reynolds	Dorothy Dickson	BLUE EYED BLOND (IB)	Dorothy Dickson
Wichita, KS	Mike Hargrove	Helen Reynolds	ROMAN SUMMER (TB)	Tricia Ardisonne

Region 19

Deptford, N J	William & Martha Griner	Ray Rogers	BEGUINE (TB)	William & Martha Griner
Lawrenceville, N J	William & Martha Griner	Erin Griner	DUSKY CHALLENGER (TB)	Joe Griner
Morristown, N J	Joseph J. Griner	Bob Keup	TSUYUZORABARE (JI)	Joseph J. Griner

Region 20

Colorado Springs, CO	Fran Evers	Morris Steinheimer	NORDIC ICE (TB)	Betty Roberts
Denver, CO	Rob Stetson	David Thomas	AVANSU (IB)	Rob Stetson
Denver, CO	Lois & Orvid Oldren	Fran Evers	COLORODOAN (TB)	Lowell Baumunk
Douglas County, CO	Randy Penn	David Thomas	APRIL FOG (IB)	David Thomas

Region 21

Lincoln, NE	Gary White	Eugene Kalkwarf	SPECIAL FEATURE (TB)	Gary White
Norfolk, NE	Carolyn Lingenfelter	Marjorie Jansen	POINT MADE (TB)	Dorothy Johnson
Omaha, NE	Jim Ennenga	Frank Luchbert	GRAPES OF WRATH (TB)	Jim Ennenga
Scottsbluff, NE	Leah Meininger	Leroy Meininger	RECHERCHE(TB)	LeRoy Meininger

Region 22

Edmond, OK	Leigh Ellis	Bonnie Hadaway	SKY HOOKS (TB)	Sharon Eisele
Enid, OK	Michael&Ann Dee Barrows	Bea Williams	STEPPING OUT (TB)	Carol Schultz
Hot Springs Village, AR	Jim Bledsol	Susie Smith	ALABAMA BOUND (TB)	Jim Bledsol
Lawton, OK	Marjorie Puckett	James Cooper	INCANTATION (TB)	Marjorie Puckett
Lawton, OK	Robert & Paula Medina	Ruth B. Simmons	THORN BIRD (TB)	Robert & Paula Medina
Lawton, OK	Marjorie Puckett	James Cooper	SWAZI PRINCESS (TB)	James Cooper
Lawton, OK	Donna & Lacy Hagood	Shirley Hollowell	PACIFIC MIST (TB)	Donna & Lacy Hagood
Little Rock, AR	M.D. Faith	Tom Dillard	I. PSEUDACORUS (SPEC)	M. D. Faith
Norman, OK	Mike Stevens	Ted Thompson	ARCTIC EXPRESS (TB)	Perry L. Parrish
Oklahoma City, OK	Tom Johnson	Rex Matthews	SNISTER DESIRE (IB)	Tom Johnson
Oklahoma City, OK	Kathy Poore	Rex Matthews	SKATING PARTY (TB)	Ted Thompson
Oklahoma City, OK	Tom Johnson	Loretta Aaron	KATHLEEN KAY NELSON (TB)	Tom Johnson
Oklahoma City, OK	Tom Johnson	Bonnie Hadaway	ROBUSTO (TB)	Mona French & Greer Holland
Ponca City, OK	Bill & Carol Goldsberry	Ann Dee Barrows	FOOTLOOSE (TB)	John & Ginny Tripp
Searcy, OK	M. D. Faith	Lavera Johnson	CONTINUALLY (TB)	Lavera Johnson
Tulsa, OK	Dean & Georgia Brand	Jo Ann Minter	DUNE (AB)	Paul Gossett
Tulsa, OK	Dean & Georgia Brand	Dale Satterwhite	CHANGE YOUR WAYS (TB)	Ron Mullin

Region 23

Albuquerque, NM	Valerie White	Scott & Reita Jordan	EMERALD FANTASY (AB)	Scott & Reita Jordan
Albuquerque, NM	Valerie White	Hsia-Fen Tien	SHARINA (AB)	Valerie White
Albuquerque, NM	Valerie White	Hsia Fen Tien	DODGE CITY (TB)	Glen Neumeyer
Hobbs, NM	Kay Snead	Doug Goodnight	GOOD BYE HEART (TB)	Elaine Bartlett
Las Cruces, NM	Rosemary Anderson	Margaret Dean	KOORAWATHA (LA)	Ed Knoblauch
Roswell, NM	Mary Herrington	Gary Biggs	SOMETHING WONDERFUL(TB)	Sue Chambers
Roswell, NM	Pegi Naranjo	Carl Hass	RECURRING RUFFLES (TB)	Pegi Naranjo
Santa Fe, NM	Henry Day	Von J. Westley	LOVE FOR LILA (SPU)	Karen Bergamo

Region 24

Cullman AL	Evelyn Davenport	Lee & Myra Parkins	DUSKY CHALLENGER (TB)	Wilber Campbell
Grenada, MS	Walter Moores	Billie Lynn Jones	PRESENCE (TB)	Linda Melcar

AS Artistic Shows

Winners of 1998

<i>Place of Show</i>	<i>Best Design</i>	<i>Artistic Sweepstakes</i>	<i>Best Design Youth</i>	<i>Artistic Sweepstakes Youth</i>
Region 1				
Auburn, ME	Shanna Desotle	Shanna Desotle	Jolene Best	
Auburn, ME	Evelyn White	Evelyn White	Jolene Best	
Boyleston, MA	Kathy Marble	Kathy Marble	Jaye Lynn Bennett	
Shelburne Falls, MA	Kathy Marble	Kathy Marble	Pauline Cerone	
Region 2				
Buffalo, NY	Judy Tucholski			
Region 3				
Pittsburgh, PA	Bettie Nutter			
Region 4				
Charlotte, NC	Nancy Moore			
Chesapeake, VA	Jan Bryant	Jan Bryant		
Fairfax, VA	Clara Herbert	Clara Herbert		
Fredericksburg, VA	Martha Carter	Martha Carter		
Virginia Beach, VA	Mary Westfall & Maranne Gross			
Region 5				
Decatur, GA	Ruth Combs			
Gaffney SC	Ira Parnell	Ira Parnell	Andre Dixon	
Milledgeville GA	Earnest Yearwood	Ira Parnell	Kristen Geeter	Kristen Geete
Summerville, SC	Betty Black	Barbara Mitchum		
Region 6				
Cleveland, OH	Marija Zupancic	Joy Fuhrmeyer		
Columbus, OH	Lila Aldrich	Lila Aldrich		
Grand Rapids, MI	Ruth Levanduski	Ruth Levanduski		
Hale, MI	Kim Kocher	Kim Kocher		
Indianapolis, IN	Judith J. Vaught	Judith J. Vaught		
Mansfield, OH	Johanna Bodiford	Johanna Bodiford		
Muncie, IN	Betty Thomas			
Region 7				
Bowling Green, KY	Irene Hughes	Irene Hughes		
Lebanon, TN	Sahra Todd	Lou Ehrcke		
Louisville, KY	Paul Owen	Paul Owen	Gemma Mattock	Krissy Legg
Memphis, TN	Elizabeth Bader	Ginnie Hill		
Memphis, TN	Jean Batterman	Jean Batterman		
Murfreesbord, TN	Sheray Holsted			
Nashville, TN	Sue & Layton Gossage			
Region 8				
Blaine, MN	Virgil Insbretson	Char Sindt		
Madison, WI	Keith Eirich	Keith Eirich		
Region 9				
Glencoe, IL	Pat Hessel	Barbara Bartolotta		
Hinsdale, IL	Lucie Kajiwara	Lucie Kajiwara		
Hinsdale, IL	Betsy Grimm	Betsy Grimm		
Rockford, IL	Marcia Blassage	Marcia Blassage		
Region 11				
Boise, ID	Louisa Cone			
Missoula, MT	Gary Clark			
Ontario, OR	Louisa, Cone	Louisa Cone		
Region 12				
Logan, UT	Lynn Hess	Charlotte Brennand		
Salt Lake City, UT	Cathy Hagan Reed	Thomas J. Miller	Damien Ducoing	
Salt Lake City, UT	Kathie Kasperek	Thomas Miller		
Region 13				
Puyallup, WA	Ruby Glasser	Frances Rutledge		
Spokane, WA	Norma Lunden	Norma Lunden		
Vancouver, WA	Laurie Ystad	Nancy Miller		
Walla Walla, WA	Jean Dietrich	Jean Dietrich		
Yakima, WA	Dorothy Monroe	Celeste Harwood		

(continued on page 57)

REBLOOM & SPACE AGE SPECIALISTS



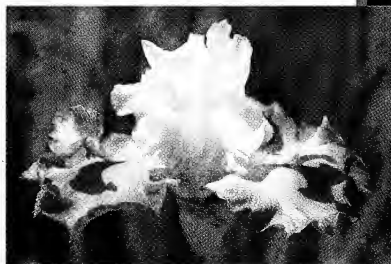
Sutton's

GREEN THUMBER

16592 Road 208
Porterville, CA 93257

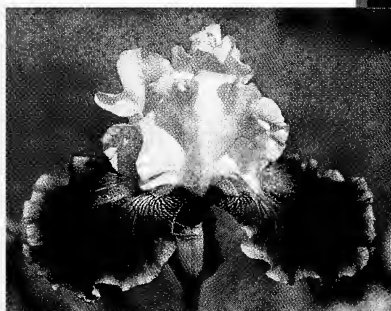
559-784-9011*

Fax 559-784-6701*



Flight Commander

(G. Sutton '99) TB SA \$40⁰⁰

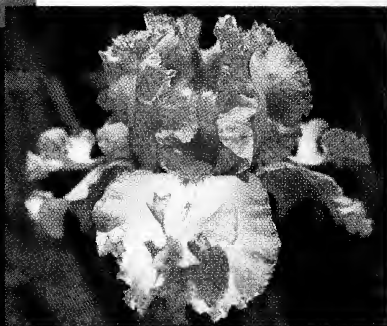


High Point

(G. Sutton '99) TB SA \$40⁰⁰

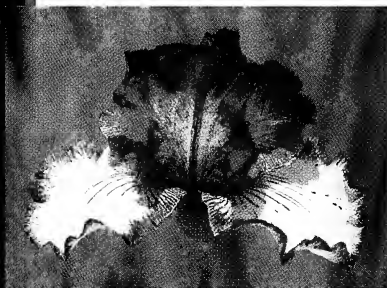
Add \$5 for shipping. Calif. residents add 7 $\frac{1}{4}$ % sales tax. Color catalog, \$3, lists many other 1999 introductions and thousands of quality irises.

*Please note: This is a new area code.



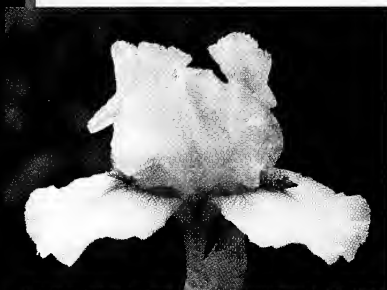
Margaret Inez

(G. Sutton '99) TB SA \$40⁰⁰



Thin Blue Line

(G. Sutton '99) TB \$40⁰⁰



Viper

(G. Sutton '99) IB SA RE \$20⁰⁰

<i>Place of Show</i>	<i>Best Design</i>	<i>Artistic Sweepstakes</i>	<i>Best Design Youth</i>	<i>Artistic Sweepstakes Youth</i>
Region 14				
Chico, CA	Mary Old		Kris Kooi	
Fresno, CA	Laverne Cottet	Laverne Cottet	Kaleena Price	Kaleena Price
Las Vegas, NV	Evelyn Condo	Evelyn Condo		
Redding, CA	Mandy Picozzi	Linda Harding	Ashley Gratteau	Ashley Gratteau
San Jose, CA	Dorothy Goble	Dorothy Goble		
Ukiah, CA	Terri Hudson	Jean Near	Marc Loberg	
Visalia, CA	Dorothy Dominici	Dorothy Dominici	Shelby Sutton	
Visalia, CA	Joe Nunes	Dorothy Dominici		
Weott, CA		Carol Dunning		
Region 15				
Palmdale, CA	Cheryl Deaton			
Riverside, CA	Elaine Monninger	Elaine Monninger & Mike Monninger		
San Diego, CA	Kathy Walsh	Jean E. Johns		
Tucson, AZ	Sumi Pugh	Sumi Pugh		
Woodland, Hills CA	Helen Zeldin	Eileen Fiumara		
Region 17				
Amarillo TX	Kathy Palmer	Kathy Palmer		
Austin, TX,	Pat Freeman	Pat Freeman		
Bonham, TX	Oleta Walker			
Cleburne, TX	Myrtle Hodges	Myrtle Hodges		
Fort Worth, TX	Joan Stanley	Joséphine Harp		
Lubbock, TX	Rosemary English	Rosemary English		
Lubbock, TX	Virginia Davis	Louise Palermo		
Midland, TX	Lonie Mitchell	Lonie Mitchell	Caitlyn Porter	Caitlyn Porter
New Braunfels, TX	Dottie Holmes	Terri De Coux		
Waco, TX		Hazel Haik	Hazel Haik	
Region 18				
Augusta, KS	Lowell Markley	Mary Jo Coloney		
Crestwood, MO	Nadine Wallenstein	Vince Italian	Chris Trout	
Dodge City, KS	Alice Sinclair	Alice Sinclair		
Garden City, KS	Mary Lou Hays	Mary Lou Hays		
Hutchinson, KS	Pat Bass	Pat Bass	Rachel Hindle	Rachel Hindle
Jefferson City, MO	Carol Stegeman			
Lone Jack, MO	Debbie Hughes	Debbie Hughes		
St. Joseph, MO	Lucille Boswell	Lucille Boswell		
St. Louis, MO	Veda Schlichtemier		Lauren Harvath	Lauren Haryath
St. Peters, MO	Vince Italian	Vince Italian	Kevin Gormley	Kevin Gormley
Springfield, MO	Donna Tetrick	Donna Tetrick		
Washington, MO	Luello Pehle	Luello Pehle	Stephanie Rust	Stephanie Rust
Wichita KS	Jay Westervelt	Jay Westervelt		
Wichita KS	Jay Westervelt	Jay Westervelt		
Region 19				
Lawrenceville, N J	Winnie Sogan			
Region 20				
Colorado Springs, CO	Joan James	Betty Roberts	Jennifer Davis	Jennifer Davis
Douglas Co., CO	Joan James			
Denver, CO	David Thomas			
Denver, CO	Dale Strickland			
Region 21				
Lincoln, NE	Gladys Ensmeniger			
Norfolk, NE	Marjorie Jansen	Marjorie Jansen		
Omaha, NE	Ruth Ennenga	Ruth Ennenga		
Scottsbluff, NE	June Hara	Viola Schreiner		
Region 22				
Edmond, OK	Maxine Hawley	Maxine Hawley	Mathew Brooks	Matt Hirsch
Enid, OK	Doris George		Monica Combrink	Lawton, OK
Donna Johnston	Donna Johnson			
Lawton, OK	Lois Arnold	Lois Arnold	Charity Thompson	
Lawton, OK	Donna Johnston	Maria Edwards		
Lawton, OK	Scottie Finney	Velma Bluford		
Little Rock, AR	Debbie Woosley	Martha Walker		
Norman, OK	Nancy Kowalchuk	Perry L. Parrish	Kelsey Henderson	Kelsey Henderson
Oklahoma City, OK	Christal Sapp-Glenn	Christal Sapp-Glenn	Trenton McVicker	
Oklahoma City, OK	Dottie Weissenberger	Dottie Weissenberger		
Oklahoma City, OK	Dottie Weissenberger	Dottie Weissenberger		
Tulsa, OK		Jean Kersten	Charlann Stonecipher	Zachary Barker

*Place of Show**Best Design**Artistic Sweepstakes**Best Design
Youth**Artistic Sweepstakes
Youth***Region 23**

Albuquerque, NM
Hobbs, NM
Roswell, NM
Roswell, NM
Santa Fe, NM

Kathryn Neeley
Taylor Maxwell
Pegi Naranjo
Pegi Naranjo
Shelby Green

June Ballog
Kerry Romine
Pegi Naranjos
Pegi Naranjo
Shelby Green

Jennifer Moran

Region 24

Cullman, AL

Grace Steinke

Dorothy L. Holmes



Ruth Simmons (new AIS Secretary), and her granddaughters Charity Thompson and Carrie Simmons. At the Love Garden during the '98 AIS Convention in Denver.

AIIS Shows

Youth Winners of 1998

<i>Place of Show</i>	<i>Silver Medal</i>	<i>Bronze Medal</i>	<i>Best Specimen - Youth</i>	<i>Exhibitor - Youth</i>
Region 1 Shelburne Falls, MA			SECRET MELODY (TB)	Casey Ryan
Region 5 Gaffney, SC Milledgeville, GA	Stacy Smart Bill Weathers	Stevie Smart Kristen Geeter	ROSETTE WINE (TB) GO AROUND (TB)	Stacy Smart Bill Weathers
Region 6 Cleveland, OH			WABASH (TB)	Angela Alflen
Region 14 Chico, CA Ukiah, CA Visalia, CA	Kris Kooi Marc Loberg Brandon Sutton	Anna Kooi Brownie Troop 462 Shelby Sutton	SUPERSTITIION (TB) CELEBRATION SONG (TB) HOT SPICE (IB)	Kris Kooi Marc Loberg Andrew Sutton
Region 17 Midland, TX Odessa, TX	Gregg Strauss Stephanie Strauss	Ryan Carnes Ryan Carnes	ARBITRATOR (SPU) SILVERADO (TB)	Gregg Strauss Bethany Davila
Region 18 Crestwood, MO Hutchinson, KS St. Louis, Mo Washington, MO	Eric Polette, Joyce Fields, Rachel Hindle Stephanie Rust Stephanie Rust	Dan Huelsing Isaic Hindle Christopher Rust Christopher Rust	RASPBERRY SPLENDOR (TB) FANCY TALES (TB) CLUE (SDB) ALCAPULCO SUNSET (TB)	Chris Arthur Rachel Hindle Stephanie Rust Nicole Grzeskowiak
Region 20 Colorado Springs, CO	Kwinn Wyatt	Kasi Wyatt	WABASH (TB)	Kasi Wyatt
Region 22 Enid, OK Lawton, OK Ponca City, OK	Eric Whitebay Charity Thompson Eric Whitebay	Monica Combrink Carrie Simmons Monica Combrink	ALVA (BB) HOT STREAK (TB) BROWN LASSO (BB)	Eric Whitebay Charity Thompson Monica Combrink
Region 23 Albuquerque, NM	Kelsey, McGrath		ABUZZ (SDB)	Kelsey McGrath
Region 24 Grenada, MS	John Jones	Amy McDaniel	SUPERSTITIION (TB)	Cheri McDaniel

DIRECTORY OF DISPLAY ADS

Page 52	Aitken's Salmon Creek Garden
Page 49	Lowell Baumunk
Page 44	Checklist of Species Iris
Page 45	Contemporary Gardens
Page 17	Diamonds & Gold International
Page 43	Japanese Iris Convention, Portland
Page 11	Brad Kasperek,
Page 30	Keith Keppel
Page 22	Mountain View Iris Gardens
Page 20	Pollen Dauber's Seminar
Page 50	Society for Louisiana Iris
Page 56	Sutton's Green Thumber

Displays

Educational & Commercial

Place of Show

Educational

Commercial

Region 1

Boyleston, MA

Deborah Wheeler

Region 4

Beltsville, MD
Hendersonville, NC
Wheaton, MD

Donald Spoon
Mrs. Jerry Grundies
Don & Ginny Spoon

Region 5

Decatur, GA
Summerville, SC

Ed Brown
Claire Honkanen

Region 6

Cleveland, OH

Dorothy Willott

Region 7

Louisville, KY

Lula Reynolds

Region 13

Puyallup, WA
Salam, OR

Evelyn Henley

Aitken's Salmon Creek Gardens
Laurie's Garden (Lorena Reid)
Walsterway Iris Garden
Aitken's Salmon Creek Gardens

Seattle, WA
Vancouver, WA

George & Carla Lankow

Region 14

Auburn, CA
Sacramento, CA

Kathy Braaten

Betty Schmidt

Region 17

Amarillo, TX
Cleburne, TX
New Braunfels, TX
Waco, TX

Sue Bell
Myrtle Hodges
Kenneth Triesch
Mary Fussell

Region 18

Crestwood, MO
Jefferson City, MO
St. Louis, Mo

Caitlin O'Neal; Jean Morris (Classroom Iris Project: 19 educational entries, 12 Blue Ribbons)
Ashland Garden Club
Candace Silistria - Bronze Medal Certificates for Stephanie Rust & Christopher Rust
(17 entries; 13 Blue Ribbons Classroom Iris Project)

St. Peters, MO
Washington, MO
Hot Springs, AR
Wichita, KS

Dan Pace (Marquette High School Classroom Project)
Rachel Sterns
Richard Edwards

James Rasmussen

Region 20

Colorado Springs, CO

Joe and Kay Gagnon

Region 22

Enid, OK
Hot Springs, AR
Lawton, OK
Lawton, OK

Monica Combrink
Richard Edwards
Mariwaine John
Marie Edwards

Region 23

Roswell, NM

Dennis Connell &
De Anne Kidwell



DUSKY CHALLENGER (Schreiner '86)
 - 1998 Nelson Award (best show specimen)
 - 1999 Symposium Winner

Photo by SHIMIZU



NAGAI #6: Nagai-type Japanese Iris, which predates the Edo, ISE, and Higo types. See *The Review of the Society for Japanese Irises*, Fall '98, for article and 10 color photos.



Aitken Seedling.
 See "The Rocky Road to Reds", page 41.
 Heritage includes:
 - Orange Parade
 - Ovation
 - Geniality
 - Lady Friend
 - Persian Gown
 - Ever After

Exhibition Certificates

For 1998

Tall Bearded

Adkins, Rita	CWA - 98	Richlie, Wayne	Brides Pearls
Anderson, C.M. (Guy)	91 - 27 - 12	Roberts, Barbara	JA 24 - 17
Arbuckle, Alvin	80 - 2	Rogers, Francis	C - 5 - A
Baumunk, Lowell	95 X 8 H	Rowlan, Henry	91 T B6
Baumunk, Lowell	95 TFV - 2	Rowlan, Henry	91 T B4
Baumunk, Lowell	95 CTCE - 6	Schick, Oscar	93 - 41 - L03
Baumunk, Lowell	94 X 10 - 10	Smart, Steve	PW TB - 92 - 12 - 5
Baumunk, Lowell	92 RuttK - 4	Sorenson, Don	S - 91 - 19 - 7
Bingham, James	89 - 46 - 10	Spoon, Don	97 - 617 A
Black, Paul	C 41 A	Squires, Randy	98 - 206
Black, Paul	A 59 F	Sutton, George	F - 214 - A RE
Black, Paul	BC 1 A	Tankesley - Clarke	520 B
Brand, Dean & Gerogia	829 - 8A	Tanton, Patricia	BB1 - F
Brown, Randy	# 1	Thayer, Loyd	IS 98 - 5
Brown, Opal	Classic Hues	Tripp, George	95G - 2 - 2
Burger, Ed Atten	92 - 05 - 04	Vizvarie, Chris	SA - YH
Carr, Frank by Joe Griner	FC - 91 - 3E	Wilkerson, Betty	1994 - 12 - 1
Carr, Frank	92 - 72 - A	Willott, Tony & Dorothy	W 92 - 231
Chambers, Sue	Sue's Baby	Willott, Tony & Dorothy	W 95 - 208
Chapman, Chuck	92 - 287 - 10	Zurbrigg, Dr. Lloyd	NN 32 - 9 - 2
Clough, Bill	HT 95		
Davis, Marvin C.	N2 - E88 - D	Standard Dwarf Bearded	
Dyer, Perry	ST ST	Aitken, Terry	94 M 10
Dyer, Perry	Kitty Dyer	Bellagamba, Louise	Bit of Envy
Ensminger, Allan	95 - 43	Black, Paul	B 299A
Faith, M.D.	963	Dean, Walt	Alene's New Love
Feuerstein, - McWhiter	MH - TB - 1	Hazelton, Warren	94 - 4 - 9
Ghio, Joe	95 - 48 - A	Keppel, Keith	91 - 57 - Z
Grisc, William	C - EEE - X	Keppel, Keith	91 - 53 B
Harris, Jared	7 - 9	Keppel, Keith	94 - 10 F
Hagood, Lacy	LH - 96 - 07	Laur, Larry	373 - 3
Holk, Herbert	68 - 33	Messick, Virginia	M 95 - 16
James, Mike	97 - 7	Ragle, Joyce	94 - 11 IOJ - 1
Jameson, Mike	Alan M. Turing	Schmieder, David & Barbara	94 - ES - 1
Johnson, Roy & Bev	98 - 41	Skillman, Bill	98 - 1
Johnson, Roy & Bev	98 - 25	Spoon, Don	96 - 58 - B
Kelsey, Edwin	"Gam"	Spoon, Don	97 - 558 - A
Koch, Bob	93 - 33 - 1	Tasco, Rick	95 - SDB - 04
Koch, Robert (Bob)	92 - 6 - 10	Wood, Vernon	98 - 22
Lauer, Larry	Classic Suede		
Lauer, Larry	543 - 1	Intermediate Bearded	
M.A.D Iris Garden	M 20 66 A.	Black, Paul	A 119 Ds
Magee, Tom	Old Santa Fe	Black, Paul	E 38 C
Magee, Tom	927 B	Black, Paul	C 109 F
Matlock, Anne	31 - TB	Keppel, Keith	93 - 1 H
McWhirter, Jim by Feuerstein	JPM 95 - 251 - 1	Pinegar, Darlene	S S P - 5 E
Meininger, LeRoy	95 - 25 - A	Smith, Marky D	96 - 27.
Moore, Randy	94-8A	Sutton, George	G - 86 - D
Moores, Walter	95 - 18 - A	Sutton, George	PA 1 1B RE
Mueller, Adam	81 - 85		
Nebeker	1051	Miniature Dwarf Bearded	
Nichols, Hooker	9829 B	Black, Paul	C 330 E
Nichols, Hooker	95 - 11c	Keppel, Keith	94 - 34 A
Nichols, Hooker	975 0 A	Spoon, Donald	96-60C
Pinkston, Lucille	95 - 10 - 1B	Sutton, George	G - 89 - C

Border Bearded

Black, Paul	B - 192B
Black, Paul	C - 396
Cadd, Anna & David	45 - 92 - 12
Mann, Barbara	91 - 5 - J
Smart, Steve	PGB 93 BB 221
Smith, Marky D.	95 - 35 - A
Spoon, Donald	95 - 182 A
Spoon, Don	Midsummers' Eve
Sutton, George	G - 69
Sutton, George	G - 27 X
Sutton, George	H - 179
Walz, Clancy	CA - 710 - IB

Miniature Tall Bearded

Nearpass, Charlie, by Don Spoon	94 - 404
Nearpass, Charles by Don Spoon	94 - 404
Norrick, Jack	Chelsea Turner
Probst, Riley	91PQX 28RJ2
Wyss, Betty	892 - 15

Aril & Arilbred

Anderson, Jeff	Beverly Sills X Pro News
Annand, Robert	BA 91 - 99B
Holk, Herbert	332
Jordan, Scott	J 93 - 2Q
Jordan, Scott	J 93 - 10
Jordan, Scott	59 Q 02
McGrath, Pete	Mc A91 - 22
McGrath, Pete	Mc AB 95 - 2
McGrath, Pete	Mc AB 93 - 21
McGrath, Pete	Mc AB 93 - 56 BRS
McGrath, Pete	Mc AR 91 - 22
McGrath, Pete	Mc AR 95 - 12 - A
Norris, Sam	AB - N87 C
Shahak, David	I. Samariae X I. Astropurpurea
Shockey, Howard	94 - 208 - 8A
Shockey, Howard	87 - 3 - 3 A
Shockey, Howard	86 - 1 - F
Shockey, Howard	80 - 15 - 9 C
Shockey, Howard	80 - 15 - 8 B
Shockey, Howard	92 - 210 A
Shockey, Howard	92 - 226 - A
Vossen, Carole	96 - 2.2
Vossen, Carole	96 - 1.1

Californicae

Canning, Bob	93 - 02D
Cole, Debby	95 PG 7
Cole, Debby	95 PG 7
Hudson, Jay	JH - 98 - 42
Lawyer, Lewis & Adele	X P 64 E
Wood, Vernon	W 96 - 16
Wood, Vernon	96 - 55
Wood, Vernon	98 - 20
Wood, Vernon	98 - 23
Wood, Vernon	98 - 38
Wood, Vernon	96 - 52 A
Wood, Vernon	98 - 38

Louisianas

Bowen, Randall & Pat	946 E
Faith, M.D.	69646
Morgan, Richard	L - 904 - DV
Haymon, Dorman	52 - 92 - 1
Haymon, Dorman	162 - 92 - 1
Haymon, Dorman	28 - 92 - 1
Haymon, Dorman	64 - 92 - 2

Japanese

Aitkin, Terry	90 - J 6
Delmez Don	SBOST
Delmez, Don	DW BV PU ST
Delmez, Don	DB RU
Delmez, Don	DD KB WV
Delmez, Don	DW BE
Dienstbach, Marie	9556
Dienstbach, Marie	95 - 104
Hager, Dennis	LB 96 - 7
Innerst, Sterling	4648 - 1
Jewell, Theresa	90 - 02
Walker, L. R.	93 - 66 - 15
White, John W.	95 JI - W17 - 2
White, John W.	95 JF - W16 - 3
White, John W.	93 JI - B12 - 6

Siberians

Bauer-Coble	S 95 Y - 1
Fulton, Chandler	F 8A - 11
Grise, William	37
Helsley, Calvin	98 - 2
Morley, Kevin	92 - A
Morley, Kevin	92 - C
Owen, Paul	4 - Z
Pohlman, Neal	96 - 29 - 2
White, John W.	93 A - B 3 - 4
White, John W.	93 E - 2
White, John W.	93 B - B 4 - 7

Spurias

Cadd, David	8 -91-12
De Santes, Pete	Frankins

Species

Sparling, Richard	WRD
Weiler, John	Dardu

Sino-Siberian

Reid, Lorena	94 - S - 67 - 13 E
Reid, Lorena	95 - S - 114 - EJ

Versicolor

White, John	J W - 95 - 02
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100 Favorite Iris

1999 Tall Bearded Symposium

Below is the results of the Tall Bearded Symposium Ballot, which was included in the July '98 *AIS Bulletin*. Ranking is shown for 1998 and 1999. All AIS members were eligible to vote (not just judges). Late returns were not counted.

1998	1999	Votes	Variety	Hybridizer	Year	Season	Height	Color
1	1	736	Dusky Challenger	Schreiner's	'86	M-L	39"	dark purple
2	2	611	Silverado	Schreiner's	'87	M	38"	lt. silver blue
3	3	570	Jesse's Song	B. Williamson	'83	M	36"	wht. & vio. plicata
4	4	501	Beverly Sills	B. Hager	'79	M	36"	pink
5	5	460	Vanity	B. Hager	'75	E-L	36"	pink
9	6	445	Edith Wolford	B. Hager	'86	M	40"	yell. S.;blue-vio. F.
7	7	443	Honky Tonk Blues	Schreiner's	'88	M	37"	hyacinth blue
6	7	443	Titan's Glory	Schreiner's	'81	E-M	37"	dark violet
10	9	423	Before The Storm	S. Innerst	'89	M	36"	near black
8	10	402	Stepping Out	Schreiner's	'64	M-L	38"	wht. & vio. plicata
12	11	401	Thornbird	M. Byers	'89	M	35"	ecru tan, vio. horns
13	12	381	Lady Friend	J. Ghio	'81	VE-E	38"	garnet red
22	13	380	Conjuration	M. Byers	'89	M-L	36"	wht. & vio., wht. horns
11	14	344	Laced Cotton	Schreiner's	'80	M-L	34"	white
14	15	321	Mary Frances	L. Gaulter	'72	M	38"	blue-orchid
26	16	314	Immortality	L. Zurbrigg	'84	M & Re	30"	white
16	17	309	Song of Norway	W. Luihn	'79	M-L	38"	powder blue
15	18	299	Victoria Falls	Schreiner's	'77	E-L	40"	blue; wht. spot on F.
21	19	290	Hello Darkness	Schreiner's	'93	E-M	37"	purple black
17	20	285	Going My Way	J. Gibson	'72	M	37"	wht. & vio. plicata
27	21	284	Skating Party	L. Gaulter	'83	M-L	40"	white
18	22	280	Supreme Sultan	Schreiner's	'88	M-L	40"	yell. S; crimson F.
98	23	253	Mystique	J. Ghio	'75	E-L	36"	lt. blue S; dk.blue F
24	24	248	Champagne Elegance	D. Niswonger	'87	M	33"	pink & apricot
20	25	247	Superstition	Schreiner's	'77	M	36"	maroon black
23	26	246	Joyce Terry	T. Muhlestein	'74	M-L	38"	yell.& wht.yell.edge
24	27	235	Breakers	Schreiner's	'86	M	36"	medium blue
46	28	231	Copper Classic	E. Roderick	'75	L	30"	burnt orange
19	29	228	Sky Hooks	M. Osborne	'80	M	36"	soft yell.; vio. horn
30	30	224	Yaquina Blue	Schreiner's	'92	M	37"	medium blue
38	31	223	Acoma	T. Magee	'90	E	30"	pale bl./iv. vio. plc
31	31	223	Rustler	K. Keppel	'88	M	37"	gold-brown
36	33	222	Mesmerizer	M. Byers	'91	M	36"	white/whiteflounces
31	34	212	Everything Plus	D. Niswonger	'84	M	34"	blue-wht. & vio. plic
48	35	208	Boogie Woogie	H. Nichols	'93	M-L	36"	Wht. S./F. cldy. vio.
34	36	201	Codicil	S. Innerst	'85	M-L	32"	lt. blue, black beard
35	37	192	Gay Parasol	Schreiner's	'74	M	35"	lav. wht./rose violet
63	38	191	Fringe Benefits	B. Hager	'88	M	30"	orange
29	39	189	Bride's Halo	H. Mohr	'73	E-L	36"	white edged yellow
28	40	188	Dazzling Gold	D.C. Anderson	'81	M	29"	yell.veined brown
44	41	187	Camelot Rose	C. Tompkins	'65	M-L	30"	lilac/burgundy

1998	1999	Votes	Variety	Hybridizer	Year	Season	Height	Color
48	41	187	Tiger Honey	B. Kasperek	'94		38"	butterscotch-caramel w/ wht. & yel. streaks
33	43	180	Anna Belle Babson	B. Hager	'85	M	36"	bright pink
39	43	180	Ringo	G. Shoop	'79	M	38"	white/grape edge
36	45	177	Queen In Calico	J. Gibson	'80	M	34"	apricot/red vio. plic
45	46	171	Afternoon Delight	R. Ernst	'85	M	40"	tan-gold/ maroon
47	46	171	Persian Berry	L. Gaultier	'77	M	35"	mulberry-lavender
73	48	170	Eagle's Flight	Schreiner's	'86	E-M	35"	blue & white plicata
43	49	168	Mulled Wine,	K. Keppel	'82	L	36"	raspberry-burgundy
61	49	168	Stairway To Heaven	L. Lauer	'93	E-M	40"	off wht. S./med. bl.F
87	51	166	Bayberry Candle	C. DeForest	'69	M	36"	chart.,gold & olive
80	52	165	City Lights	M. Dunn	'91	M	37"	blue/white spot on F.
—	52	165	Fancy Woman	K. Keppel	'95	VE-EM	38"	lilac purple luminata
90	54	163	Celebration Song	Schreiner's	'93	E-M-L	37"	apricot-pink S., blue-lavender falls
53	55	161	Kilt Lilt	J. Gibson	'70	E-M	40"	tan-gold/maroon plic.
53	56	156	Babbling Brook	K. Keppel	'66	M	38"	light blue
66	56	156	Sweeter Than Wine	Schreiner's	'88	E-M	35"	wht. S./royal pur. F.
41	58	155	Rare Treat	Schreiner's	'87	E-M	34"	blue & white plicata
68	59	154	Black Tie Affair	Schreiner's	'93	M	36"	inky black
63	59	154	Orange Slices	D. Niswonger	'87	M	33"	light orange
56	61	152	Sweet Musette	Schreiner's	'86	M-L	37"	flamingo/rose
39	62	151	Cherry Smoke	D. Meek	'78	M-L	34"	red black
59	63	150	Best Bet	Schreiner's	'88	E	36"	lt. blue S./dp. bl. F
53	64	147	Lemon Mist	N. Rudolph	'72	E	32"	lemon yellow
63	65	137	Blenheim Royal	Schreiner's	'90	M	38"	medium blue
—	65	137	Clarence	L. Zurbrigg	'91	M & RE	35"	white S; lt. blue
77	65	137	Spirit World	K. Keppel	'94	E-M	36"	red-violet-orchid, white edgings
—	68	135	Gypsy Romance	Schreiner's	'94	M-L	37"	violet raspberry
84	69	133	Study In Black	G. Plough	'68	E-M	36"	red-black
59	70	132	Eastertime	Schreiner's	'80	M-L	38"	cream/gold edges
48	70	132	Lorilee	Schreiner's	'81	M-L	37"	rose-orchid
42	72	130	Rosette Wine	Schreiner's	'89	E-L	36"	petunia pur./wht.spot
—	73	129	Bewilderbeast	B. Kasperek	'95	M	30"	mauve streaked silver
56	73	129	Oktoberfest	W. Maryott	'87	M	37"	red-orange
87	75	128	Classic Look	Schreiner's	'92	E-M	36"	white w/blue marks
76	76	127	Altruist	Schreiner's	'87	E-M	37"	pale blue
69	77	124	Debby Rairdon	L. Kuntz	'65	M-L	36"	white/yellow trim
79	77	124	Feature Attraction	Schreiner's	'94	L	37"	lavender-grape
51	79	122	Ruffled Ballet	E. Roderick	'75	M-L	30"	blue wht. S.; blue F.
66	80	121	Olympiad	J. Ghio	'84	E-L	38"	pale blue
51	81	120	Gypsy Woman	Schreiner's	'85	E-M	35#1	yell.S; cream F.
71	82	119	Lullaby Of Spring	Schreiner's	'87	E-M	38"	mimosa yell./mauve
74	83	118	Latin Lover	G. Shoop	'69	M	36"	lav. pink & grape
84	83	118	Purple Pepper	D.C. Nearpass	'86	M	35"	lav.blue& white plic.
81	85	117	America's Cup	J. McWhirter	'89	M	40"	white
56	86	115	Grand Waltz	Schreiner's	'70	M-L	35"	lavender-orchid
84	87	114	Shipshape	S. Babson	'69	M	38"	medium blue
96	88	113	Tennison Ridge	J. Begley	'89	E-M	38"	plum-wht.burg. plic.
94	89	ill	Holy Night	K. Mohr	'83	E	35"	deep violet purple

1998	1999	Votes	Variety	Hybridizer	Year	Season	Height	Color
61	90	110	Bubbling Over	J. Ghio	'82	E-L	36"	blue/lilac
72	90	110	Night Ruler	Schreiner's	'90	M	39"	dark purple
70	90	110	Raspberry Fudge	K. Keppel	'89	E-M	36"	rasp. & tan plicata
89	93	108	Dover Beach	D.C. Nearpass	'72	E-L	42"	white S., lt. blue F.
98	94	107	Michigan Pride	T. Berndt	'76	M	35"	yell.wht.maroon plic.
98	95	106	Proud Tradition	Schreiner's	'90	E-M	36"	S.1t.blue, F. m. bl.
92	95	106	Thriller	Schreiner's	'88	M-L	36"	cerise/claret
—	97	105	Rhonda Fleming	R. Mullin	'93	M-L	35"	white banded lilac
78	98	104	Christmas Time	Schreiner's	'65	M	41"	white. red beard
81	98	104	Leda's Lover	B. Hager	'80	M	38"	white
—	98	104	Nigerian Raspberry	B. Kasperek	'95	M	36"	raspberry cream splashed red & purple

Runners-Up: Gnu (103), Pond Lily (103), Designer Gown (99), Master Touch (98)

New to the list: Bewilderbeast, Clarence, Fancy Woman, Gypsy Romance, Nigerian Raspberry

Returning to the list: Rhonda Fleming

Dropped from the list: After the Storm, Busy Being Blue, Designer Gown, Ginger Swirl, Master Touch, Tripple Whammy, and Winter Olympics.

1999 Symposium percentages of Members Voting by Regions:

Region 12	90.61%	Region 13	18.1%
(77 out of 85 members voted!!!)		Region 21	18.1%
Region 11	46.7%	Region 20	17.9%
Region 5	30.7%	Region 9	17.4%
Region 8	28%	Region 7	16.8%
Region 24	22.7%	Region 1	15%
Region 22	22.4%	Region 6	14.8%
Region 17	22%	Region 4	14.2%
Region 18	19.6%	Region 16	13%
Region 23	19.6%	Region 3	12.4%
Region 14	19.2%	Region 2	10.8%
Region 15	19%	Overseas	10%
Region 19	18.2%	Region 10	8.8%

Overall average of 1999 symposium vote: 21,84%
1,470 ballots counted

Design Corner

Judges Training

by Carolyn Hawkins, Georgia

IT IS SELDOM THAT I HAVE THE WONDERFUL OPPORTUNITY TO share Design Judges Training with various iris lovers—the group discussions are eye-opening and very rewarding.

The opportunity I am talking about happened in Hobbs, New Mexico at the 1998 AIS Region 23 Convention in September—and a large turnout arrived to hear the judges training on design and on tall bearded iris and color breaks conducted by Brad Kasperek. The nice thing about the agenda was that it included something for everyone—design, food, Brad, an auction with Doug Goodnight doing the honors, food, gardens, door prizes and did I mention food? To say that I had a good time is certainly an understatement.

Now that I have set the scene lets go to the lesson for the day. The principles of design were the foremost considerations.

BALANCE: is it going to fall over, does it lean, is it all in the bottom half of the assigned space? Helping to frame out balance and proportion was the use of backgrounds. This defines the space assigned.

DOMINANCE: was discussed and whether there was any one thing that dominated in the design. This could be a color, more of one type of flower than another, more round forms than linear, etc. If you have one area that is dominant you add interest and dilute monotony.

CONTRAST: was an easy principle as the smooth versus rough textures or even contrasting colors or forms add the needed contrast.

RHYTHM: is the dominant visual path through a design. You can get rhythm from line materials, gradation of the forms, repetition of the colors, etc. Does the eye flow through or does it stop here and there causing a static, boring design?

PROPORTION: is the relationship of areas and amounts to each other and the whole. Does the design fit the space allotted, and there can be some spaces in the design offset by plant material. One of the easiest proportion problems is the relationship of the design to the space and also the plant material to the container—the container should not be one-half of the design but by bringing plant material over a container that is dominant will lessen the proportion problem and keep the plant materials in the prominent role of the design.

SCALE: is simple the relationship of the flowers to each other, the sizes of the leaves, etc. Using huge flowers with small baby's breath, for instance, is a severe scale discrepancy and disturbs the overall design. Also using leaves that don't contribute or "fit" with the huge flowers can be a scale problem. Mother Nature designed iris to have leaves in scale to the iris, chrysanthemums (if well grown) have leaves in scale to the large show blooms that have been disbudded, and on and on with other flowers also.

The lecture was supported with many designs contributed by several of the attendees at the Hobbs Regional Meeting and the following examples were critiqued by the entire group.

Photo 1 is a basketball theme with the white chrysanthemum serving as the ball. The basketball rim provides the framing for the design and iris are strategically placed as added interest. After the session we placed some triangular shapes of paper on this circle, one at the top and one at the bottom facing in different directions. The change in form was very dramatic and added to the design (sorry we don't have a picture of the design with those triangles, but it is a suggestion that you might want to try in your designs.)

Photo 2 is a piece of driftwood printed black that only needed a few iris and some foliage as the line is so outstanding. The foliage is arborvitae and adds a very interesting texture change for the iris.



Photo 1



Photo 2

Photo 3 has a monochromatic color theme of browns, rusts, tans, etc. that was very pleasing. The iris even had a tan edge on the falls with goldish standards. Note that the large container could have been dominant but the plant materials brought over and in front of it reduce its importance and brings the plants materials into focus.

Photo 4 had palm spathes for the dominant line with the curled plant materials as an added interest. Combined with the iris are fatsia leaves demonstrating a good combination of materials in scale to each other. Photos 1 - 4 were done by Elaine Bartlett from Hobbs. Elaine was in charge of getting the designs for the critique and is also a National Council of State Garden Clubs Master Judge.

Photo 5 was done by Kerry Romine and is displayed in a container that he made. He designed it to let the design hang free. The heavy base supporting the design is black and disappears into the table covering which helps with balance. Lycorus is combined with iris and large smooth leaves are the foliage that add to the distinction of the design. Curly Ting Ting is added for interest. There is a contrast of colors and textures that makes for a very interesting and creative design.



Photo 3



Photo 4



Photo 5



Photo 6

Photo 6 is a creative design using a dark purple iris with cyperus (Umbrella Plant) trimmed for the foliage interest. A vine was carefully placed throughout the design. This combination of plant materials and the use of a low container and an elevated container gave another expression of the original ideas that designers can create. This design was done by Pegi Naranjo from Roswell. Also many of the reblooming iris were provided by the Pecos Valley Iris Society of Roswell.

I hope sharing this meeting with you will let you see the outstanding designs that can be created using all different sorts of plant materials and line materials. Using the beautiful iris is our goal, and because the reblooming iris were available the program could easily demonstrate one more time how interesting and rewarding designs can be.

If you have any questions, please contact me: Carolyn Hawkins, 7329 Kendel Court, Jonesboro, GA 30236-2512. ú

Minutes

of the Board of Directors Meeting

Bedford, Massachusetts

November 4, 5, 6, 1998

The regular Fall meeting of the Board of Directors of the American Iris Society was called to order by President Niswonger at 8:25 P.M. on November 4, 1998. Present during the various sessions were:

President Niswonger; President-elect Mahan, Immediate Past President Barr, 2nd Vice President and Editor Aitken, Secretary J. Plank, Secretary-elect Simmons; Treasurer Hudson; Membership Secretary Harlow; Recording Secretary A. Lowe; Publication Sales Directors I. and N. Pocklington; Advertising Editor Erickson; Legal Advisor R. Plank; Past President H. Stahly; Directors Epperson, Gossett, M. Lowe, Moller, J. Morris, Perkins, Pope and Probst. Directors-elect Campbell, B. Figge, Guest, Shepherd; RVP Representative B. Kasperek (12); Public Relations Chair Rice-Waters, Scientific Chair C. Fulton; Median Iris Society President D. Willott (6), Reblooming Iris Society President R. Figge (4); RVPs Thurman (7), Meyer (11), Reid (13), Loberg (14), Jim Morris (18), Carson (22), Bergamo (23), Parkins (24); RVPs-elect A. Godfrey (1) and S. Marley (4); guests L. & S. Markham, L. & J. Doucette, B. & D. Schmieder, B. Godfrey, E. & A. Gallagher, E. Fulton, Hall (1); Keup (2); W. Marley (4); Honkanen (5); D. Stahly, A. Willott (6); Trio (14); Begley (17); M. Niswonger (18).

President Niswonger welcomed the group and invited and encouraged all present to participate in discussions, with the reminder that only board members may vote. Introductions followed.

Minutes: The following additions and corrections were made to the minutes of the Spring meeting in Denver, Colorado as published in AIS *Bulletin* #310:

- 1) Secretary's Report, pg. 80: should read: "...available for the cost of shipping (\$3/100)."
- 2) Exhibitions Report, pg. 82: should be: "approximate" cost rather than "appropriate" cost.
- 3) Millennium Check List, pg. 86: "They were [to] make a report."
- 4) New Business pg. 87: rewording: ...thanking David Miller and Region 20...
- 5) Section Liaison Report pg. 85: Tom Abrego should be added as Section representative to the Nominating Committee.
- 6) Membership Report, pg. 80: Delete first line of report and replace with: "The year of 1997 ended with 8,120 total members, up about 241 overall from the same period in 1996. A total of 697 members were dropped in March, 1997. Dues notices were sent to over 3,400 members in November, 1997 but 1,076 chose not to renew. About 37% of the 1,773 non-renewing members were one year members. The total membership as of April 30, 1998 is 7,463. Although we lost 1,773 during the calendar year of 1997, the membership is currently averaging about 1,000 new members per year which makes the overall loss lower."

7) Awards System Review Report, pg. 82: Epperson asked that the following sentence be entered at the end of the report: "President Niswonger then polled the AIS Board of Directors by mail and the *in principle* proposal became *de facto* in a majority affirmative vote of the AIS Board of Directors."

Pope moved that the minutes, including Epperson's proposal, be approved as corrected. Kasperek seconded. Motion carried.

Board of Directors Election Report: Secretary Plank reported that there were no other nominations, therefore Farron Campbell, Barbara Figge, Kathleen Guest and Bobbie Shepherd are duly elected and qualified as AIS Directors with terms expiring in 2001. The 4 new Directors and RVP Representative Kasperek were welcomed and appreciation was expressed to retiring Directors Corlew, Harder, Rice-Waters and Wilhoit.

President's Report: President Niswonger read a brief note from TBIS President, Phil Williams.

Interim Action: President Niswonger reported that Jay Hudson had been appointed as interim Treasurer to fill the vacancy created by resignation of Treasurer B. Nichols. Board was polled and

appointment approved.

He announced that Marilyn Harlow has agreed to continue to serve as AIS Membership Secretary without salary.

Niswonger expressed thanks to Region 6 who has donated 25% of its Fall 1998 auction proceeds to AIS and will repeat this action in the Spring of 1999. Other regions were encouraged to follow suit. He also cited the Northshore Iris and Daylily Society, in Region 9, for their donation of \$1000 to the Bee Warburton Fund. He noted that the Warburton Fund still needs contributions.

He requested approval of the appointment of Anne Lowe as Recording Secretary. J. Plank moved approval, Epperson seconded. Carried

He announced the appointment of Rosalie Figge as official Parliamentarian to the AIS. Barr moved approval, Pope seconded. Carried.

Secretary's Report: J. Plank noted that this was her final report as AIS Secretary. She distributed spreadsheets which summarized the duties of her office, and commented on the large percentage of time that the Secretary must spend on financial transactions. "Aside from preparing the vouchers from which all AIS bills are paid, the AIS Secretary handles all money received by the AIS except interest generated under investments accounts under the Treasurer's care, the money collected from *Bulletin* advertising, and the money collected by Membership for dues.... Gifts in all their forms represented more than 15% of the total income handled by the Secretary." Plank wished her successor, Ruth Simmons, happy and interesting times and stated that her 5 years in the office had provided her with "many wonderful friendships and very few dull moments."

Treasurer's Report: In her final report to the Board, Past Treasurer B. Nichols noted that although our expenses during 1998 were 8% over budget, our income was 27% more than expected. Jay Hudson distributed the 1998 Financial report. Stahly asked if the Life Membership Fund had been fully restored. Hudson said that it had and that the interest now goes into the general operating fund. Epperson moved, Moller seconded that the 1997-1998 Financial Report be accepted subject to audit. Carried.

In response to a question from Gossett regarding a more efficient process for the deposit of funds, Secretary Plank explained the present deposit system for monies received by her office, and she also reviewed the voucher system for the payment of bills. It was noted that the present system is a good way to keep the Secretary and President informed of financial trends and potential problems. General consensus was that no change is indicated at this time.

The 1998-99 Budget preparation was deferred until Sunday morning.

Membership: Harlow explained the membership charts which had been mailed to all directors prior to this meeting. She reported a net gain of 160 members for fiscal year 1998. The top 4 regions are: Region 14-728; Region 4-700; Region 18-692; Region 6-512. J. Morris was commended for her outstanding youth recruitment program. The 'user friendly' membership policy enacted in June has increased the number of new members significantly. Harlow commended Region 4 for its persistence in pursuing changes in the membership renewal policy.

Mahan pointed out the inconsistencies regarding the deposit of funds handled through the Membership office. At this time, income from all goods sold are included in one membership deposit directly to the Treasurer. Mahan stated, that in the interest of accounting consistency, all monies except dues should go through the AIS Secretary. Mahan stressed the importance of written procedures regarding deposit and dispersal of AIS funds. Kasperek suggested that Treasurer Hudson evaluate the present system and report his recommendations at the Spring Board Meeting. Approved by consensus.

Editor: Aitken stated that he would be over budget for 1998. He discussed the need to transfer the printing and mailing to Portland, as well as his desire to use perfect binding rather than saddle stitch for the *Bulletin*. While more expensive (\$1000 per issue), perfect binding removes the present restriction on the number of pages imposed by saddle stitch. Mahan moved, Plank seconded that AIS use perfect binding for the *Bulletin*. Motion defeated and question deferred until budget session on Sunday.

Regarding the TBIS complaint of insufficient material about Tall Bearded irises, Aitken reported that 77% of the photos and 82% of the articles in recent *Bulletins* have dealt with Tall Bearded irises. Excessive white space in the *Bulletin* is being addressed, and it was suggested that

some of this space be filled with upcoming National Convention information. Aitken stated that he would like to recruit assistant editors to handle specific topics.

Volunteers are ready to start on the *Bulletin Indexing* project.

In addressing the subject of late *Bulletins*, Aitken asked if seasonal issues, (Winter, Spring, Summer and Fall) instead of specific months, would give the editor more leeway. In discussion it was noted that timing is critical in all issues and material should be in early rather than late. By consensus, this change was not recommended. It was strongly recommended that the Editor enforce the deadline on each issue.

Advertising Editor: Erickson reported ad income of \$53,718.17 during the past 4 years. She noted that she would continue as Advertising Editor without salary. Following discussion of the present policy concerning set-up charges for ads, Mahan moved, Barr seconded, that AIS eliminate the set-up charges on all ads in the *Bulletin*. Motion carried.

Meeting recessed at 11 P.M., to be reconvened at 8:40 A.M. on November 5, 1998.

President Niswonger presented the Boehm Iris to President-elect Mahan. This porcelain iris, presented to AIS in 1977, resides with the current President of AIS.

Registrar: Plank presented Registrar Keppel's report. Keppel reported a decrease in both the number of names cleared and revenues. He reported preliminary bids for printing the *1998 Registrations and Introductions* and requested guidance as to the number to be printed. Probst moved, Pope seconded that 700 *1998 R & I* booklets be printed. Motion carried. It was agreed by consensus that the *1998 R & I* price should remain at \$7.00.

Publication Sales Report: Sales Director N. Pocklington reviewed the operation of her department and reported that her income had doubled and she was well within her budget. Use of the credit card has worked well. She noted that the *Basic Iris Culture* booklets are nearly gone, and that new and expanded information will be needed before it is reprinted. Mahan will pursue this. Plank moved, Pope seconded, that the *Basic Iris Culture* booklet be revised and reprinted no later than Fall 1999. Carried.

Reprinting of the *1979 Check List* coincides with publication of the *1999 Check List* and may impose a financial burden on AIS. Plank is to investigate prices for reprinting a soft cover *1979 Check List*.

Noting that the Publication Fund is depleted, Stahly recommended that the fund be reinstated as a restricted fund with all publication sales going to the fund until a \$50,000 cap is reached, at which time these sales would revert to the operating fund. President Niswonger appointed the following *ad hoc* committee to study reinstatement of the Publications Fund and report at the Spring meeting: Pope-Chairman, Hudson and Stahly. Plank moved, Epperson seconded approval of appointments. Carried.

Surplus Bulletin Chairman Gossett distributed his report, noting that he has available only *1997 Bulletins* at this time. He cited NY, AZ, and OH as his best customers.

Affiliates Report: Chairman Pope announced that there are 177 affiliates, 6 of which are new ones. She requested input on a situation regarding Co-Presidents in an affiliate. Pope moved, Kasperek seconded, that the Affiliates Chairman can accept chapter Co-presidents as long as both of them, as well as all the other chapter officers, are AIS members in good standing. Carried.

Mahan moved that RVP Lee Parkins, Editor Dorothy Holmes and Region 24 be commended for their positive progress in rebuilding the Region, adding new affiliates and producing an excellent publication. Kasperek seconded. Carried.

Awards Report: J. Plank reviewed Chairman Wilhoit's report which had earlier been sent to all Board members. Wilhoit noted that Region 20 has offered to fund a new Franklin Cook Cup. Kasperek moved, Gossett seconded that AIS accept the offer of Region 20 to replace the Cook Cup. After discussion regarding replacement or refurbishing of the cup, Kasperek withdrew his motion. Kasperek then moved that AIS accept Region 20's offer to either refurbish or replace the present Franklin Cook Cup. Gossett seconded. Carried. It was decided that if the current cup is replaced, it should be sent to the AIS Library. Wilhoit requested direction on the following issues:

Should the Awards ballot deadline be staggered to give Sun Belt judges an earlier deadline? Consensus was not to change present deadline structure.

Should there be a return to using 4 regional tabulators to count ballots? There was strong support for this mechanism for tabulating votes. M. Lowe moved that the Awards Chairman be authorized to utilize multiple tabulators as needed. Kaspersek seconded. Carried. Pros and Cons of using an optical scanner were discussed. M. Lowe moved that the Awards Chairman or AIS investigate the feasibility of doing mechanical or electronic tabulation of the Awards Ballot. Plank seconded. Carried. Mike Moller volunteered to assist with this project. RVP Meyer suggested that the Symposium ballot include a request that voter's name be signed as it appears in the *AIS Membership Roster*.

Storage of back ballots should be worked out between the Awards and Judges Training Chairmen.

Division of Award duties, other than tabulation, among several people will be left to the discretion of the Awards Chairman.

Who accepts major medals for deceased hybridizers—the heirs or the owners of the garden? President Niswonger stated that, even if a business is sold, in the absence of a specific contract concerning awards, the medal should go to the heirs. Family of deceased winners will be contacted by the Awards Chairman and asked to designate a recipient. Kaspersek moved that the incoming AIS President appoint a 3 member *ad hoc* committee to formulate policy for giving of awards to deceased hybridizers. Epperson seconded. Carried.

Registrar Keppel requested official Board approval of the following Awards policy: No iris unregistered as of the 1 December beginning of the Registration year shall appear on that year's Award Ballot. Plank moved, B. Figge seconded. Carried.

Regarding disposal of AIS electronic equipment now with Wilhoit, Pope moved, Plank seconded, that the printer be sent to Harlow as a backup. Carried. Mahan moved, Pope seconded, that the obsolete CPU, monitor and keyboard remain with Wilhoit to dispose of as she sees fit. Carried.

Convention Liaison Report: Chairman Mahan reviewed the National Convention schedules. The Spring Convention will be in Oklahoma City on May 4–8, 1999 and the Fall Board meeting will be held in St. Louis on November 5–7, 1999.

Mahan led discussion concerning an earlier convening date for the AIS Board meeting during the Spring National Convention so as to enable those attending the meeting to participate in other scheduled activities. Since there were a number of RVPs present, Niswonger polled the group and the majority favored the earlier date. It was acknowledged that the advanced meeting time will be difficult for some members. Perkins moved that, beginning in the year 2000, the Spring AIS Board meeting will be scheduled 24 hours ahead of the usual time for this meeting. Plank seconded. Carried.

Meeting was recessed for lunch at 12:05 P.M. and reconvened at 1:40 P.M.

Exhibitions Report: Chairman Moller distributed his report which detailed show statistics for the past year, commenting that he was concerned by the drop in Youth participation and that the reporting of Fall shows in the Spring was not functioning as expected.

Foundation Liaison: No report.

Historical: No report.

Honorary Awards Report: Chairman Barr reported that there are only 4 usable Distinguished Service Medals (DSM) remaining, but, before new ones can be struck, a new die must be obtained at a cost of \$2000. Presentation boxes are also needed. Pope moved that Barr be authorized to proceed with ordering the new die, 25 Distinguished Service Medals and the appropriate number of presentation boxes. Plank seconded. Carried.

Barr thanked committee members-at-large D. Howard, B. Jones and A. Ensminger and all the Past Presidents for their faithful service. Selection of Honorary Awards deferred until later in meeting.

Insurance Report: Secretary Plank distributed Snyder's report which addressed the question of provision of liability coverage for sections as follows: "If participants in the various sections are working for the benefit of the AIS and are members of the AIS, our policy will provide coverage against liability claims that the AIS is legally obligated to pay...No coverage would be extended to

persons not members of AIS." M. Lowe recommended that it might be wise for each section take out an annual AIS membership and that AIS membership status of all section officers be verified by the Section Liaison Chairman. This matter was referred to Section Liaison Probst for follow up.

Judges and Judges Training Report: Secretary Plank distributed Chairman Corlew's report. Jim Morris presented a petition for the reinstatement of Bob Pries as a Region 18 judge. Probst moved, Jean Morris seconded that Pries be reinstated. Carried. RVPs requested that the J.T. Chairman notify the RVP or regional J.T. Chair when their regional judges do not vote the ballot.

Epperson moved, Kasperek seconded that Helen Bliven (14) be added as a new apprentice judge subject to verification of her 3 years of AIS membership. Carried.

After further corrections to the list of judges, Epperson moved approval of appointment of all judges listed, with modifications as discussed, and that, in future, the Judges Training Chairman will routinely verify membership status of all new apprentices. Barr seconded, Carried.

Library Report: Secretary Plank distributed the report. Chairman McNames stated that the AIS Library is now fully equipped, and suggested that a fee schedule be developed for provision of library services. Consensus was that McNames should proceed with this task. He expressed concern regarding material still being held by AIS Historian Harder. Mahan will follow up on this matter.

Aitken addressed the need for *Bulletins* issues prior to 1980 for the *Bulletin Indexing* project. Shepherd offered to lend volunteers Gordon and Jan Hueller *Bulletins* as required.

Membership Contest: Chairman Miller's report was distributed by Secretary Plank. Harlow expressed a need for clarification of point status when payment is completed for a Payment Plan Life Membership. President Niswonger asked that the record state that, "in the future, when payment is completed on a Payment Plan Life Membership, the points do not count as conversion points for the Membership Contest." It was suggested that this rule be incorporated into the Membership Contest Rules. Approved by consensus.

Recessed at 3 P.M., reconvened at 3.25 P.M.

Policy Report: Chairman M. Lowe distributed current policy report and updated index.

Public Relations: Chairman Rice-Waters reported that the 1999 calendars were now available from AIS Storefront and that the pre-order plan was working well with 1700 already shipped. Rice-Waters gave price quotes for producing an AIS color membership flyer and various suggestions were made regarding format, composition and number to print. It was suggested that Rice-Waters secure other estimates in an effort to reduce costs. Mahan moved that the Board authorize Rice-Waters to proceed with the printing of 15,000 4-fold color brochures of acceptable quality at the least cost, subject to approval of the Executive Board. Plank seconded. Carried. It was further agreed that the *Invitation to Join* should be free to affiliates.

Registrations: Report included with Registrar's earlier report.

Robin Report: The Robin Report was distributed by Secretary Plank. The interest in Robins appears to be declining. Chairman Cross will write an article for a future *Bulletin*.

Stahly recommended that *Flight Lines*, excerpts from Robins, be reactivated in the *Bulletin*. Topic to be considered later.

10 minute recess.

RVP Counselor Report: Chairman Epperson summarized his progress in working with the RVPs and Attorney R. Plank to gather necessary materials for Regions to be included in a group exemption letter as subordinate organizations sponsored by the AIS. Epperson stated that he would follow this project through to completion.

RVP Thurman (7) discussed a recent problem regarding a Region 7 member who had written to many AIS members and officials throughout the country. Consensus was that, while we must be open to comments from the membership, all concerned had responded appropriately in this case.

Kasperek cited the need for a dependable source of revenue to allow reduced reliance on membership dues for operating expenses. He presented rationale for an AIS Endowment Fund

which would generate income for operating expenses. This restricted fund would provide irisarians interested in Estate Planning another avenue of financial support to AIS. J. Plank discussed differences between an endowment fund, the interest from which is used for operating expenses, and the AIS Foundation, which funds specific projects. It was noted that there might be some legal problems in putting this type of fund in place. Kasperek moved, Probst seconded that the AIS President appoint a 3 member *ad hoc* committee to evaluate the feasibility of creating a restricted endowment fund to generate income for operating expenses, and the committee shall report at the next Board meeting. Carried.

Epperson distributed a list of 50 qualified speakers who are available to give programs on a variety of subjects. Each speaker's area of expertise was specified.

Scholarship Report: Chairman Taylor's report was distributed by Secretary Plank. The final draft of the 1999–2000 scholarship announcement for a \$2000 scholarship for *Graduate Study of the Iridaceae* with priority given to studies on the genus *Iris* was approved in August. In early September, announcements were sent to 135 domestic and 20 Canadian educational institutions with graduate programs in one or more of the plant sciences. To date, no replies have been received.

Scientific Report: deferred until the evening session.

Section Liaison Report: Chairman Probst read a proposal from B. Kasperek to address inequities regarding non-AIS memberships within some sections. Kasperek noted that there are many non-AIS members in sections, especially from overseas, who are not interested in general AIS membership but who are interested in the sectional specialty. After brief discussion, Probst moved, J. Morris seconded, that sections of AIS may offer subscribing memberships which convey all rights and privileges of membership except the right to serve as, or vote for, an officer or director of the section. M. Lowe stated that a change in the bylaws must be made before this can be put into effect. After a lengthy discussion, Probst withdrew his motion.

Kasperek moved, M. Lowe seconded that the President appoint an *ad hoc* committee of 3 to review Article III, sections 3 and 5, of the AIS bylaws and make recommendations on amendments to the bylaws which will produce a logical and consistent AIS policy on rights and privileges of sections and cooperating societies. Carried.

Slide Report: Report was distributed by Secretary Plank. Chairman Nichols requested permission to purchase 10 slide trays, at a cost of \$15 + tax, each. Moller moved, Perkins seconded that Nichols be authorized to purchase the trays. Carried.

Meeting adjourned at 5:15 P.M.; to reconvene at 8:30 P.M.

The meeting was reconvened at 8:20 P.M.; Niswonger called on Scientific Chairman Fulton for his report.

Scientific Report: Fulton stated that the McEwen disease project would continue another year as there had been difficulty in obtaining apogon plants sick enough to be evaluated. He recommended support for Andrew Wheeler, an undergraduate at Bates College, who has proposed a project dealing with chemically induced mutation in irises. Wheeler needs \$178.10 for expenses. J. Plank noted that there were designated funds for iris research and she moved, seconded by Mahan, that AIS grant Andrew Wheeler a \$200 scientific grant to study mutation in species, Siberian and Japanese irises, and that he submit a written report after the first year with follow-up as needed. Carried.

Fulton asked for suggestions for additional projects. A. Willott stated the need for chromosome counts and asked who presently performed this service. Fulton was asked to investigate the need for developing a resource for chromosome counts, and to find out who already has the necessary equipment. He was also asked to work up a cost analysis for implementing this project. Pigment studies, loss of native species, and a study of geographic distribution of borers were also suggested as possible topics for future projects.

Youth Report: Chairman Jean Morris stated that there were 175 new Youth members and that 23 regions now had Youth Coordinators. There has been an increase in classroom projects, especially in Oklahoma. Primary expenses are postage and photocopying. Morris stated that an

error in the Bulletin regarding Youth Medals should be corrected to read: ...that "one set of Youth Medals are free" and are not a Storefront item as was reported.

Ways and Means: President Niswonger announced that Chairman Iris Larson had resigned. He expressed appreciation for her efforts in organizing the committee and noted that several of her suggestions should be considered as future fund raisers.

TBIS Proposal Study Committee: President Niswonger stated that he wished to retain the ad hoc *Committee to Study the Tall Bearded Iris Society Petition for Recognition* as an AIS/TBIS Liaison Committee. Kasperek moved, that the present committee be dissolved and that a new negotiating committee be appointed to function as the need arose. Epperson seconded. The motion was defeated when a tie vote was broken by President Niswonger who voted in favor of retaining the present committee members to serve as an AIS/TBIS liaison committee.

Committee to study Non-profit Incorporation and Tax Exempt Status for Sections, Regions and Affiliates: R. Plank stated that he felt that the Regions and Sections should proceed in parallel to seek 501(c)(3) status.

Rare Iris Study Center: President Niswonger reported a continuing exchange of seeds from Russia and China. Anyone interested in growing some of these irises can obtain seeds from Chairman Waddick.

Millennium Check List Committee: Stahly reported for Chairman Hughes that an alphabetical index consisting of varietal name and year of registration, in an 8¹/₂ x 11 loose leaf format, complete through 1998, could be available for sale at the Oklahoma City convention; suggested price was \$10. After lengthy discussion, Probst moved, Plank seconded that Hughes be authorized to print 50 trial run copies of the *Index* no later than the 1999 Spring convention. AIS will fund this printing. Carried. Stahly stated that he will see that the printout is proofed and that a sample copy will be sent to President Mahan for approval by the Executive Committee. Following approval, copies will be available for sale, on demand, at the Spring Convention in Oklahoma City. Guest moved a resolution of appreciation to Hughes for all his efforts in taking the initiative in this project. Perkins seconded. Carried.

Regarding preparation of the *Electronic Check List* on CD-ROM, Hughes recommended that a committee be appointed to oversee preparation and compilation of the *Electronic Check List*. President Niswonger made the following appointments: Stahly, Chairman; H. Hughes, K. Keppel, M. Lowe and R. Pries. Kasperek moved approval, Epperson seconded. Carried.

Installation of President: There being no further unfinished business, outgoing President Niswonger delivered brief farewell remarks and expressed appreciation to the Board and many others for their support during the past 3 years. He presented Mahan with the gavel and welcomed him as the new AIS President. Mahan responded with praise and gratitude for Niswonger's leadership. On behalf of the Board, Barr presented Niswonger with a gift.

Election of officers: Plank nominated Aitken for First Vice President, Niswonger seconded. Epperson moved that nominations cease and that the Secretary be instructed to cast a unanimous ballot for Aitken. Niswonger seconded. Carried.

Pope nominated J. Plank for Second Vice President, Aitken seconded. Epperson moved that nominations cease and that the Secretary be instructed to cast a unanimous ballot for Plank. Aitken seconded. Carried.

Plank nominated R. Simmons for Secretary, Niswonger seconded. Epperson moved that nominations cease and that the Secretary be instructed to cast a unanimous ballot for Simmons. Gossett seconded. Carried.

Plank nominated Hudson for Treasurer, Niswonger seconded. Epperson moved that nominations cease and that the Secretary be instructed to cast a unanimous ballot for Hudson. Niswonger seconded. Carried.

Guest nominated Aitken for Editor, Perkins seconded. Epperson moved that nominations cease and that the Secretary be instructed to cast a unanimous ballot for Aitken. Niswonger seconded. Carried.

J. Plank presented incoming Secretary Simmons with the AIS Corporate Seal, and the book containing the AIS minutes from 1920–1950.

Honorary Awards: The Board adjourned to Executive Session to discuss the recommendations of the Honorary Awards Committee and the Judges/Judges Training Chairman. Following the closed session, Mahan reported that Distinguished Service Medals will be awarded to Dave Niswonger and Olive Rice-Waters and the Hybridizer's Medal will be awarded to Ray Schreiner. Roy Epperson was approved as an Emeritus Judge.

Regional Vice President Appointments: RVP Counselor Epperson distributed the following list of recommended 1999 appointments for RVP:

First Year Appointment:

Second Year Appointments:

Third Year Appointments:

Epperson moved, Niswonger seconded, approval of all candidates for RVP. Carried.

Appointment of Administrative Officers: President Mahan appointed the following:

Registrar: Keith Keppel

Membership Secretary: Marilyn Harlow

Advertising Editor: Jean Erickson

Recording Secretary: Anne Lowe

Publication Sales Directors: Irv and Nancy Pocklington

Ombudsman: Lew Begley: (position explained and Dr. Begley introduced)

Niswonger moved, Pope seconded that these appointments be accepted. Carried. Mahan noted that Advertising Editor Erickson would serve without salary.

Standing Committee appointments: Mahan requested approval of the following committee chairmen:

Plank moved, Pope seconded that these appointments be approved. Carried.

Mahan asked the group to consider production of 2 calendars in this fiscal year, budget permitting.

Mahan appointed Jean Witt, Jeane Stayer, and Marie Caillet as Members-at-Large to the Honorary Awards Committee to serve with the past Presidents. Niswonger moved, Pope seconded that appointments be approved. Carried.

Meeting was recessed at 11:30 P.M., to reconvene at 8:00 A.M. on Sunday, November 6th.

Mahan opened the morning session at 8:00 A.M.

Plank asked for signatures for the Standard Banking Resolution for change of officers.

Mahan appointed the following committee to study the Endowment Fund proposal: J. Hudson, Chairman; B. Kasperek and R. Plank. Approval moved by Niswonger, Epperson seconded. Carried.

Mahan appointed the following committee to study Section membership and necessary AIS bylaw changes and report in the spring: Bobbie Shepherd, chairman; B. Kasperek, Rosalie Figge. Approval moved by Niswonger, seconded by Pope. Carried.

Plank stated that she and incoming Secretary Simmons agreed that the Book of AIS Minutes is too fragile to continue to move with the office of Secretary. The need for a constant environment was cited. Plank moved that the book of early AIS Minutes [1920–1950s] be sent to the AIS Library for preservation. B. Figge seconded. Carried. It was noted that a copy of these valuable historic records should be in a second location. M. Lowe moved that the AIS Minutes document be scanned or otherwise duplicated, as the AIS Librarian sees fit, and be distributed to more than one location. Gossett seconded. Carried.

Mahan announced that Epperson will take charge of the re-editing of *Basic Iris Culture* and will solicit assistance as needed.

Mahan announced that B. Figge will assume responsibility for extracting material for *Flight Lines* in the *Bulletin*.

President Mahan then outlined the following 5 goals which will be addressed during his term of office:

- improve communications at all levels:
- improve quality of the *Bulletin* and produce it in more timely fashion: It was agreed that *Bulletin* deadlines should be enforced so that the responsibility for timely submission of material rests with the originator of the material and not with the Editor.
- support hybridizers and commercial iris nurseries: M. Lowe moved that the AIS simultaneously publish the *Commercial Directory [Shopping Section]* in the *Bulletin* and on the AIS web page. Niswonger seconded. Carried.
- strengthen the Library so that members can access material more easily:
- increase membership: Mahan noted that the way to increase membership was to increase the number of new affiliates. Pope commented on the need for good informative materials for new members. K. Guest gave a brief overview of the New York *Handbook* which is given to each new member in Region 2. Pope will have this manual at the Affiliates meeting in Oklahoma City. Epperson announced that the Board of Counselors' meeting time had been extended and that he will present the N.Y. *Handbook* for consideration by the RVPs. Aitken noted that more incentives/benefits are needed to encourage formation of affiliates. It was decided that free slides were one benefit AIS could offer. B. Figge moved that AIS restore one free set of slides per year to each affiliate. Kasperek seconded. Carried.

Mahan requested that he be sent copies of communications sent out by Directors, Committee Chairs and Administrative Officers.

Following discussion of concerns related to the AIS web page, M. Lowe moved that AIS establish its own domain and select an appropriate domain name. Aitken seconded. Carried. Lowe and Scott Aitken were directed to establish and register a domain.

The proposed budget was reviewed in detail and estimated revenues and expenses were discussed line by line.

Mahan announced that Moller has volunteered to construct 2 additional *Iris Trivia* slide sets.

Following input from RVPs regarding restriction of membership labels to regional publication use only, Epperson moved that the Membership Secretary be authorized to provide as many as 4 free sets of labels each year to a region as requested by the RVP or the regional Editor. Perkins seconded. Carried.

The possible need for a second terminal for processing credit cards was addressed by Loberg, RVP (14) who may be able to donate a terminal presently in Region 14. Details will be worked out with Harlow and Pocklington.

Mahan noted that the budget appeared to be balanced.

With reference to previous discussions of the possibility of using perfect binding in the *Bulletin* and the production of both the 1999 and 2000 calendars during the coming fiscal year, Kasperek moved that AIS go to perfect binding for the *Bulletin* and that AIS produce 2 calendars this fiscal year if possible. Niswonger seconded. Carried.

J. Plank moved, J. Morris seconded, that the Board adopt the adjusted Budget. Carried.

Mahan thanked Hudson for assuming the duties of the Treasurer's office prior to this meeting. Plank moved that a vote of thanks be extended to Bonnie Nichols for all her efforts in bringing us into solvency. Gossett seconded. Carried.

Mahan thanked A. Lowe for acting as Recording Secretary for this meeting.

Special thanks were extended to Barbara Schmieder for her efforts in organizing this meeting. Kasperek moved that the AIS Board formally thank the Iris Society of Massachusetts for their wonderful welcome and warm hospitality. Probst seconded. Carried.

Gossett issued the invitation to the 1999 National Convention in Oklahoma City, May 4-8.

The meeting was adjourned at 10:50 A.M.

Anne S. Lowe, Recording Secretary

Membership Contest

1999

by Lynda Miller, Indiana

THE 1999 MEMBERSHIP CONTEST BEGAN OCTOBER 1, 1998. THREE separate and distinct awards will be presented at the 2000 Convention—one to the youth, one to the adult, and one to the affiliate with the most total points. A minimum of 30 points and at least two participants in each category are necessary to qualify for the trophy plaques. Certificates of achievement will be awarded to all participants. A new 2000 Tall Bearded iris introduction will be awarded to affiliates earning 100 or more points and to individuals earning 55 or more points. Youth earn \$1.00 worth of iris for each point, up to \$50.00 worth. Names of the award winners will be published in the future.

Point Scale:

- 10 points for each new single annual membership
- 15 points for each new dual annual
- 20 points for each new single triennial
- 25 points for each new dual triennial
- 10 points for each new youth member added to an existing membership (same address)
- 25 points for each new youth member registered as a solitary member

The following points will be given for conversion from annual to triennial membership providing the membership has been in effect for a minimum of one year.

- 20 points for converting from single annual to single triennial
- 25 points for converting from dual annual to dual triennial
- 10 points for converting from single triennial to dual triennial
- 100 points for single life membership
- 150 points for dual life membership

Rules:

1. Membership application and payment of dues are made directly to the AIS Membership Secretary. Dues may be submitted by the recruiter or by the new member.
2. Membership Chairman of the contestant's Region (if there is an active chairman) and the AIS Contest Chairman (Lynda S. Miller, 11974

E 191st St., Noblesville, IN 46060) should be notified by the recruiter within 30 days. First submission can be checked back to October 1, 1998.

3. Each new membership should be reported with the following information: name, complete address and region number of the new member; the type of membership (annual, triennial, life) or conversion (single annual to single triennial, etc.). Also the name, address and region number of the recruiter. Only those memberships reported correctly will be awarded points. Please print clearly or type.

4. Renewal of memberships following a lapse of two years will count as new members.

5. New memberships received by the Membership Contest Chairman postmarked after October 1, 1999, or memberships not starting until January 2000 cannot be counted for the 1999 contest, but will be automatically credited to the recruiter for the 2000 contest. 🌀

Editor's Note: Lynda is looking for donations from hybridizers to use as prizes for the Membership Contest. Four introductions for 2000 have been offered; she needs NINE more donations. If you can help out, please contact:

Lynda Miller
12788 E. 191st St.
Noblesville, IN 46060



Past AIS President Dave Niswonger passing the gavel to new President Clarence Mahan.

Norman J. Frisch

1927 - 1998

NORMAN FRISCH, 71, DIED AUGUST 5, 1998. HE HELD A PH.D IN Mathematics from the University of Michigan. He was a professor of mathematics at the University of Wisconsin-Oshkosh for his entire professional career. He was preceded in death by a daughter Karen and his first wife Nancy.

Norman was known in the community for wine making, gourmet cooking and for growing prize winning irises. He was active in the Fond du Lac Iris Society and served as RVP of the American Iris Society from 1992 to 1994. He became an amateur radio operator as a youth and was a member of the Winnebago County amateur Radio Emergency Service along with his wife Ann. Norman and Ann were members of the Green Apple Friends of Folk. They taught for two years in Malaysia from 1989 to 1991 and traveled extensively together throughout Asia.

We extend our condolences to his wife Ann and other family members.

In Memoriam:

Nell Corlew (California)

John Craig (New Jersey)

Marjorie W. Deaton (Alabama)

Beatrice Fortner (Illinois)

Norman Frisch (Wisconsin)

Lt. Col. Randolph Hall (Texas)

Bea Leach (Oklahoma)

Jane McKnew-Bacon (Maryland)

Ila Nunn (Texas)

Mercedes E. Olsen (Washington)

Nancy Silverberg (Oregon)

Roberta (Bobby) Snell (Washington)

Florence Weed (Washington)

American Iris Society Foundation

Contributions to the American Iris Society Foundation are used for the research of the genus iris, administration of scholarships and the support of the AIS Library through the Evelyn Jones Memorial Library Fund. This research includes the taxonomy as well as the cause of diseases and their cures. Over the years, grants have been issued to the top researchers and educational institutions throughout the United States as well as internationally.

April 1, 1998 - October 1, 1998

Contributions in memory of:

Ackerman Youth Essay Contest

Region 3, AIS

Region 4, AIS

Michael Bennett (KY)

Louisville Area Iris Society

Opal Brown (OR)

Clara B. Rees Iris Society

Joseph Ghio (CA)

Kathleen McCullough (OR)

Don & Sylvia Wood (WA)

Walla Walla Iris Society

Verna M. Bennett

George & Jean Dietrich (WA)

Virginia A. Messick (CA)

Larry Harder (NE)

Robert Dunn (CA)

Kathleen M. B. Schick

Ben Hager & Sid DuBose (CA)

George & Mary Kato (WA)

Doug DeBok & Terry Dallas (OR)

Jessie D. Olmstead (WA)

Joe Christopher (AL)

Region 7, AIS

Pauline Cooley (OR)

Greater Portland Iris Society

Marilyn Holloway (CA)

Virginia A. Messick (CA)

Larry Harder (NE)

Kathy L. Poore (OK)

Peter Corroo (CA)

Santa Rosa Iris Society

Nell Corlew (CA)

Clara B. Rees Iris Society

Elsiemae & Nelson Nicholson (CA)

Joseph Ghio (CA)

Frances Couch (TN)

Twin State Iris Society

Phillis Craig (NJ)

Garden State Iris Society

Letha Dent (NM)

Pecos Valley Iris Society

Sue C. Chambers (NM)

Roswell Iris Society

Fran DeSantis (CA)

Robert Dunn (CA)

Bob Brooks (CA)

Mary Dunn (CA)

Virginia Messick (CA)

Kathy L. Poore (OK)

Howard Estes (OK)

Kathy L. Poore (OK)

Doris Foster (CA)

SD/IC Iris Society

Bob Brooks (CA)

Mrs. Curtis Foster (KY)

Twin State Iris Society

Norman Frisch (WI)

Fond du Lac Iris Society

Larry Gaulter (CA)

Stockton Iris Garden (CA)

Richard Gibson (CA)

Ben Hager & Sid DuBose (CA)

Anna Lee Gossett (OK)

Burdella M. Rhodes (OK)

Clara Howard (CA)

Hi Desert Iris & Daylily Society

Betty Ipsen (MN)

Charlotte & Wilbert Sindt (MN)

Evelyn Jones (OR)

Kathy L. Poore (OK)

Evelyn Kegerise (PA)

Region 3, AIS

Ben Hager & Sid DuBose (CA)

Deleware Valley Iris Society

Bea Leach (OK)

Kathy L. Poore (OK)

Oklahoma Iris Society

Louis Newman (CA)

SC/IC Iris Society

Richard Randall (VA)

Sarah E. Worrell (VA)

Region 4, AIS

Pauline Reindl (OH)

Central Ohio Iris Society

Dorothy Runde (CA)

SC/IC Iris Society

Nancy Silverberg (OR)

Virginia A. Messick (CA)

Marilyn J. Holloway (CA)

Bennett Jones (OR)

Mary Wais (NJ)

Garden State Iris Society

Bea Williams (OK)

Kathy L. Poore (OK)

Stephen Zdepski (NJ)

Garden State Iris Society

How can you make a contribution or memorial gift to the American Iris Society Foundation?

Checks should be made payable to the American Iris Society Foundation. When sending a memorial gift, please include the name and address of the next-of-kin, so an acknowledgement card may be sent. Your tax-deductible donations should be sent to:

The American Iris Society Foundation

Roger P. Mazur Sec./Treas.

5824 Erskine #7

Omaha, NE 68104-4159

AIS Storefront

Sale Items & Publications

\$27.00 ***The World of Irises***

Highly recommended! 32 pages of full color. Edited by Warburton and Hamblen, 34 contributors and authors including international authorities. Published in 1978 and most authoritative book on all phases of irises. Scientific and popular. 6" x 9" hard bound cloth cover, 526 pages.

\$15.00 ***Handbook for Judges and Show Officials***

New release! Sixth Edition ©1998.

\$1.50 ea., or ***Basic Iris Culture.*** Pamphlets. Great information
\$15.00 for 50 for new iris growers. Ideal for clubs or shows.

\$4.50 ***AIS Bulletins: Back Issues*** (not all issues available)

\$14.00 ea. **Check Lists:** 1939, 1949, 1959, & 1969
Reprint. Soft cover.

\$17.00 **Check List, 1979**
Reprint. Hard cover. Ten-year compilation of registrations 1970 - 1979.

\$17.00 **Check List, 1989**
Hard cover. Ten-year compilation of registrations 1980 - 1989.

\$7.00 ea. **Registrations and Introductions:**
1990, 1991, 1992, 1993, 1994, 1995, 1996, 1997, and 1998.

\$2.50 **Bronze 50th Anniversary Medals**
The AIS 50th Anniversary medal in antiqued bronze. Suitable for pendants, show prizes, and special awards.

View Before You Buy!

The official AIS Website now has photos of several of the Storefront sales items, so you can see what they look like.

Go to: www.isomedia.com/homes/AIS

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Solid Silver, 1 ½ inches across. Only 500 struck.

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Self-adhesive ovals are larger than a half dollar.

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Prices include postage and handling. Make checks payable to The American Iris Society, or include charge card information. Send order to:

Irv & Nancy Pocklington

Phone: (217) 854-2184

609 Harrington St

Carlinville, IL 62626-1230

Special offer on 1997 AIS Bulletin Back Issues

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\$6.00 20 Bulletins

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Tulsa, OK 74105-5726

(Shipped after January 1, 1999)

Rent Slide Sets from the American Iris Society

AIS Slide Sets available for 1998:

The Newest in Irises: 1993 – 1997 Introductions. Mostly TBs, but contains other types.

Recent Award Winners: HM and AM Winners, 1992 – 1997

The Popularity Poll: Temporarily unavailable.

Types other than Tall Bearded: Bearded and beardless, arranged in blooming sequence.

Reliables: Mostly past award winners of various types — especially suited for newer iris societies and garden clubs.

1994 Portland Iris Convention

1995 York Iris Convention

Iris Trivia: This is a small set of slides and questions that can be used for a fun and informative meeting. (Use of all questions and slides takes at least one hour.)

To Order: Requests for slides should be made well in advance of requested date, preferably six to eight weeks. If optional, specify alternate sets and/or dates. Clearly *print* name and mailing address to whom slides are to be sent. Rental fee is \$10.00 per set, payable to AIS. Only one set allowed for any request date. Slide sets are to be returned next day after viewing by *Priority Mail*. Send check with request to:

Hooker Nichols
3365 Northaven Rd.
Dallas, TX 75229

Phone: (214) 352-2191

Section Slides Available:

The various Sections of AIS also have slide sets available for rent. These feature irises of each respective group. Rental fee is \$5.00 per set, unless noted otherwise. Requests for these slide sets should be submitted as follows:

Arils and Arilbreds: Order from Scott Jordan, 3500 Avenida Charada NW, Albuquerque, NM 87107. Rental fee \$7.50. Check to Aril Society International.

Dwarf: Dorothy Willott, 26231 Shaker Blvd., Beachwood, OH 44122-7111. Check to Dwarf Iris Society.

Historic Iris Preservation Society (HIPS): Contact Joan Cooper, 212 West Country Rd. C, St. Paul, MN 55113. Rental fee \$7.50. Check to HIPS.

Japanese: Order from John Coble, 9823 E. Michigan Ave., Galesburg, MI 49053. Check to Japanese Iris Society.

Louisiana: Order from Dalton Durio, 5853 Hwy 182, Opelousas, LA 70570. Check to Society for Louisiana Irises. Rental fee is \$10.00.

Medians: Contact Terry Aitken, 608 NW 119th St, Vancouver WA 98685. Check to MIS.

Rebloomers: Contact Olive Rice-Waters, 1914 Napa Ave, Berkley, CA 94707. Check to Reblooming Iris Society. Rental fee is \$7.50.

Siberians: Order from Robert Hollingworth, 124 Sherwood Rd E, Williamston, MI 48895. Check to Society for Siberian Irises.

Species: Several sets available. Order from Helga Andrews, 11 Maple Ave, Sudbury MA 01776. Check to SIGNA.

Spurias: To order, contact Patricia Brooks, 102 Jefferson Lane, Ladson, SC 29456. Check to Spuria Iris Society.

AIS Bulletin Ad Rates

Changes for 1999:

In an effort to encourage new commercial growers, the AIS Board voted to eliminate the "extra services" fees. The prices below are unchanged, but now include the cost of scanning, text, and layout. The sizes are slightly larger.

Also, we are now using an all-electronic setup with our new printer. As a result, we can no longer simply paste ads on paper. All ads submitted on paper will be scanned. If you have graphic images or logos as part of your ad, it would be best if you send them on a disk, or email them directly to Scott Aitken at <zebra@chcs.com> (payment must still be made through advertising editor).

Shopping Section (formerly the "Commercial Directory") found in the back of each *Bulletin*. Placement is alphabetical.

\$42.00	1 ⁵ / ₁₆ inch	Rate is for 4 issues.
\$58.00	1 1 ⁵ / ₁₆ inch	All ads are 2 1/8 inch wide.
\$73.00	2 1 ⁵ / ₁₆ inch	

Display Advertising (Rate is for single issue)

Black & White:

\$35.00	1 inch	1 x 4 1/4
\$46.00	1/4 page	1 7/8 x 4 3/8 (wide), or 3 3/4 x 2 1/8 (tall)
\$58.00	1/3 page	2 1/2 x 4 3/8 (wide), or 7 1/2 x 1 1/2 (tall)
\$81.00	1/2 page	3 3/4 x 4 3/8 (wide), or 7 1/2 x 2 1/8 (tall)
\$104.00	2/3 page	5 x 4 3/8
\$115.00	3/4 page	5 5/8 x 4 3/8
\$138.00	Full page	7 1/2 x 4 3/8

Color (price plus color separations at cost):

\$150.00	1/3 page mini ad (if space available)
\$276.00	Full page, interior page.
\$250.00	Full page, interior page, 4 consecutive issue discount.
\$400.00	Full page, centerfold or inside back cover.
\$425.00	Full page, inside front cover.
\$500.00	Full page, outside back cover.

Terms

Payment is due with ad copy. Ads due: July 15 (Oct. issue), October 15 (Jan. issue), January 15 (Apr. issue), April 15 (Jul. issue). Send ad and payment (payable to AIS) to:

Jean Erickson, Advertising Editor (707) 526-5204
4036 Trinity Drive, Santa Rosa, CA 95405

Bulletin of the AIS Shopping Section

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*Botanical Garden
Quality Engraved
Labels for Iris
& other plants.*



- U.V. Stable
- Quickly Installed
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Byron Aarstad, Proprietor

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Large selection of new and old
bearded iris at affordable prices.
Send \$1.00 for catalog

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BLUE SKY IRIS

Debbie Gorham and Bob Applegate
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Siberian and Japanese Iris
Price list available upon request

Shopping Section

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Award winning Irises

Introductions by Terry Aitken, Ken Fisher, Chad Harris, Bennett & Evelyn Jones, Carol Lankow, Marky Smith and Jean Witt.

\$2.⁰⁰ for Color Catalog

Aitken's Salmon Creek Garden
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Online catalog: www.e-z.net/~aitken



Babbette's Gardens

Specializing in TBs and Daylilies

Send \$1 for Catalog
Please make checks payable to:

Babbette Sandt
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Lancaster, CA 93535



Old & New
Varieties
GREAT VALUES



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Color Catalogue: \$2.00



Shopping Section

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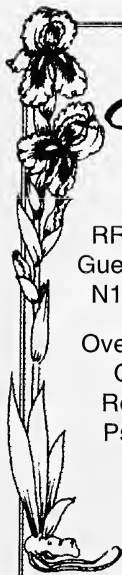
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Over 2000 total IRIS
Rebloomers, Historical
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\$2.00 for Catalog
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Dave Niswonger, Hybridizer and Grower

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TB BB IB SDB RE SA

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Your garden deserves EVERGREEN labels

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Featuring

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Walk

**MDBs, SDBs, MTBs,
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REBLOOMERS**

Display garden includes Louisiana's,
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Historic Bearded & Beardless Irises.
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Shopping Section



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Growing over 1,000 varieties of tall
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Price List on Request

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Shopping Section

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Clean-shaven iris, Uncommon
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All photos this page by Aitken

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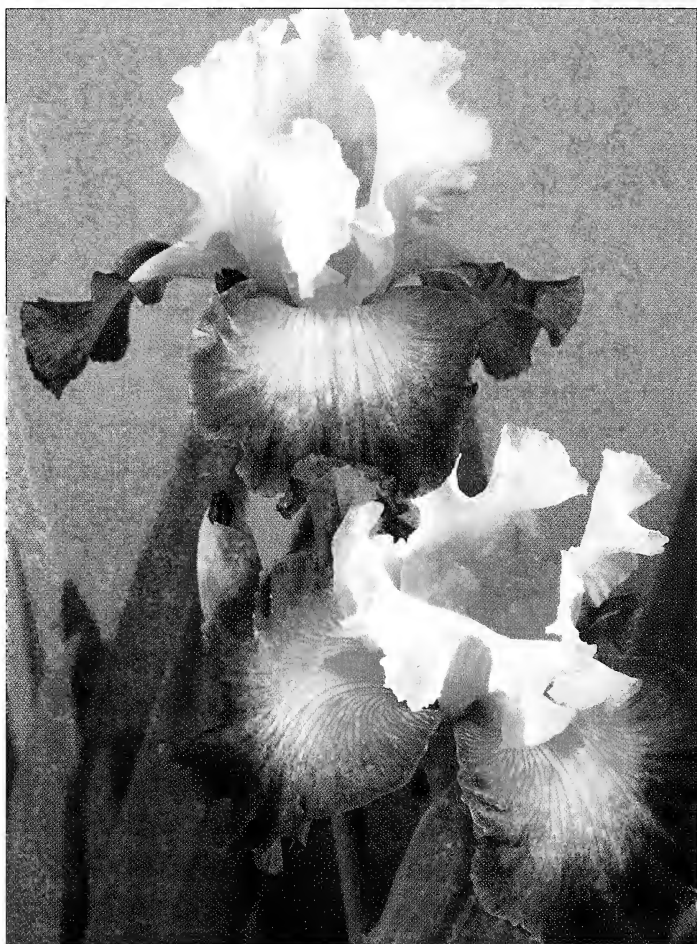
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Editor: Terry Aitken, 608 NW 119th St., Vancouver WA 98685-3802; aitken@e-z.net
Advertising Editor: Jean Erickson, 4036 Trinity Drive, Santa Rosa, CA 95405-7714
Photo Team: Robert Plank, 8426 Vine Valley Drive, Sun Valley, CA 91352-3656
Scientific Editor: Adele Lawyer, 4333 Oak Hill Road, Oakland, CA 94605-4523
Layout & Graphic Design: Scott Aitken, *Flash Graphic Design*,
 2760 NE 98 St, Seattle WA 98115-2447; zebra@chcs.com

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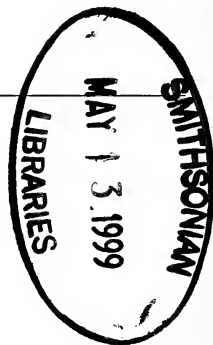
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President's Message

Feedback

by Clarence Mahan, Virginia

OUR BULLETIN IS THE AIS BENEFIT THAT TRULY BELONGS to all of our members. It is the only benefit received by some of our members who cannot or do not participate in the range of iris activities offered by AIS. Ever since Robert S. Sturtevant took on the task of editing our first Bulletin we have been blessed by having dedicated, hard-working members who have stepped forward to take on the demanding task of editing our Bulletin.

I have had a love affair with the Bulletin ever since I joined AIS. I heard complaints about not having enough pictures in color, about having articles on iris stamps, and about any number of other supposed shortcomings, but these bounced off my uncritical mind like raindrops falling on an iris leaf. Once I joined the Board of Directors, however, I felt duty-bound to raise such complaints during meetings of the Board. Several people discussed a number of ways in which they thought the Bulletin could be improved at our meeting last year in Denver. Since that time I have heard both praise and complaints about some features of the Bulletin.

The most common complaint heard about the Bulletin is, quite understandably, when it arrives late. When articles do not arrive by established deadlines an editor faces a dilemma. Should the Bulletin go to print without material people will be expecting to be in it, or should the Bulletin be delayed until the material arrives? Our editor and I have agreed that he will no longer wait for late material. So, please, all of you writers and committee chairmen who have material for the Bulletin, get it to the editor before the cutoff date.

There will be a two-hour brainstorming session on the Bulletin at our convention in Oklahoma this year. This meeting will be open to everyone. Come and voice your views on what you would like to see or not see in the Bulletin. The Bulletin belongs to us all and your views are important. And while on this subject, here's a big "thank you" to Terry Aitken for all his hard work for AIS and for his willingness to listen to everyone's ideas.

I received an email message from Keith McNames on January 20,

1999. It said: "The AIS Library went on-line today with an address of: AISLIBRARY@aol.com." Hurrah for Keith!

If you have not yet registered for the convention this year, you really should think about doing so. I have been to several AIS conventions in Oklahoma, and they have always been great fun. Those Sooners really know how to throw a bash, and the costs are considerably less than in many other areas. Best of all, they do indeed know how to grow beautiful irises in Oklahoma.

I recently bought a reprint of a classic horticultural book that I had wanted for a long time: *Garden Shrubs and their Histories* by Alice M. Coats. This book has a quotation from Marcel Proust's novel *Jean Santeuil* that is poetic and beautiful, and I would like to share it:

... *The only sound to be heard was that of the vain Virginia Creeper at her toilet, drying her scarlet leaves, and now and then letting fall a drop of water, which struck the flags with a pleasing "plop."*

I would like to think that the "flags" are lavender-blue *Iris pallida*, but you may imagine them to be any iris of which you especially fond. 🌸

D & J GARDENS

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1999 INTRODUCTIONS

ALMOST EDEN (D. Meek) TB, M-L, 36". Luscious rose tan standards, ivory falls blushed rose tan, darker hafts, ivory area around rose tan beard, (blue violet at end) falls lighten to ivory, (upon aging) to a narrow rose tan rim, wide, ruffled and lacy with candelabra branching of 5-6 + terminal, 7- 8 buds. (Spring Tidings X Glory Be) Sdlg. #9 1 - 1 -0 \$40.00

DREAM SCENE (D. Meek) TB, M-L, 35". Ruffled, lacy, deep fluorescent violet self, slightly open upright standards, self beard tipped cinnamon in throat, broad falls, darker haft, excellent branching, 4-5 + term., & 7-9 buds. (Awakening X Spring Tidings) Sdlg. #83-1-1 \$40.00

EXPERTISE (D. Meek) TB, M, 35". Broad ruffled violet w/ distinctive subtle white pattern raying from the creamy beard, 4-5 br. + term., 7-11 buds. (((Song Of Norway x Premonition) x (Apropos x Rococco)) x Blue Luster) X Blues Chaser) Sdlg. #74-2-1 \$35.00

FOOL NUMBER ONE (D. Meek) TB, M-L, 34". Perfectly domed apricot standards, fall base is apricot w/ burgundy streaks from coral beards to ruffled & picoteed fall rims, 3 br. + term., 6-7 buds. (Gigolo X (Queen In Calico x Mountain Melody) Sdlg. #6- 1 - 1 \$35.00

HIDDEN RICHES (D. Meek) TB, M, 33". Pale ruffled blue, deep blue around soft blue beard tipped creamy yellow, deeper blue styles, 3-4 br. + term., 9- 12 buds. (Honky Tonk Blues X Carriage Trade) Sdlg. #181-1-5 \$35.00

HONEST ILLUSION (D. Meek) TB, M, 32". Mauve flushed rose, fight area under melon beard, deep ruffles, exquisite! 4 br. + term., 7-9 buds. (Delirious X Chapel Bells) Sdlg. #116-1-1 \$35.00

SEA SWEEP (D. Meek) TB, M-L, 34". Deeply ruffled pale blue w/ dotted hafts, ivory area under pale violet blue beard, (tipped yellow in throat) & pleating down sides of falls, 4 br. + term., 8-10 buds. Sib to EXPERTISE, Sdlg. #74- 1 - 1 \$40.00

If ordering from this ad please add \$4.50 for shipping. (\$5 east of the Mississippi) If you've not ordered in the past 2 years, & want to receive our catalog, send \$1 (deductible from your '99 order.)

Editor's Message

More Feedback

by Terry Aitken, Washington State

AT THE FALL BOARD MEETING THERE WAS APPROVAL FOR A change in the bindry method for the *Bulletin* from *saddle stitch* to *perfect bind*. This opens the door for taking bids from a broad range of publishers. The bindry method also opens up economical opportunities for more color in the *Bulletin*, which will become evident with this issue. Quality control on halftones will also be upgraded with the April issue through computer enhancement. Feedback indicates the membership is almost 100% in favor of the new perfect bind method.

There has also been feedback to the "political" advertisement submitted by Brad Kasperk. AIS does not currently have a policy regarding political advertisements, so no editorial decision was warranted. However, I am sure the Board will examine this issue at their next meeting.

Deadlines for the *Bulletin* allow the editor to begin work on the next issue shortly after the published deadline. The editor is not obligated to accept material beyond this date, however with newer publishing methods, it is possible to accept late display ads (but not Shopping Section ads) right up to the time when we lock in on page count, which is what we routinely do. My advice to advertisers is to get your money into the Advertising Editor by the *Bulletin* deadline, so that we can block out a space for you; then get the text to me as soon as possible. In the case of new introductions, the iris names must be cleared with the Registrar before the Advertising Editor will accept the ad.

The question regarding AIS financial health has been raised by a few people. In 1995 AIS invested a substantial sum for the reprinting of *The World of Iris*. That converted cash into the Bookstore inventory where the sales of that book are now returning the investment back into cash flow. In short, the AIS remains in good financial health, and that improving trend is further illustrated by the Quarterly Report submitted by the treasurer, elsewhere in this issue. ♪

Corrections to previous Bulletins:

January Bulletin, 1999:

Page 78: The following information was inadvertently omitted from the Board Minutes:

Regional Vice President Appointments: RVP Counselor Epperson distributed the following list of recommended 1999 appointments for RVP:

First Year Appointments:

Region	1	Ada Godfrey
	2	Peter Weixlmann
	3	Vincent Lewonski
	4	Sara Marley
	5	Randall Bowen
	17	Bonnie Nichols
	19	Raymond Rogers
	20	Fran Evers
	21	Carolyn Lingenfelter
	22	Barbara Figge

Second Year Appointments:

Region	6	Howard Hughes
	8	Edwin Kelsey
	9	Orville Dickhaut
	11	Carryl Meyer
	14	Kitty Loberg
	16	Catherine Boyko
	18	Jim Morris
	22	Louise Carson

Third Year Appointments:

Region	7	Mary Thurman
	10	Elaine Bourque
	12	Brad Kasperek
	13	Lorena Reid
	15	Herbert Holk
	24	Leland Parkins

Epperson moved, Niswonger seconded, approval of all candidates for RVP. Carried.

Standing Committee appointments: Mahan requested approval of the following committee chairmen:

Affiliates: Shirley Pope	Policy: Mike Lowe
Awards: Farron Campbell	Public Relations: Kathy Guest
Calendar: Olive Rice-Waters	Registrations: Keith Keppel
Convention Liaison: Paul Gossett	Robins: Libby Cross
Exhibitions: Roy Epperson	RVP Counselor: Mike Moller
Foundation Liaison: Roger Mazur	Scientific: Dr. Chandler Fulton
Historical: Larry Harder	Scholarship: Dr. John Taylor
Honorary Awards: Dave Niswonger	Section Liaison: Riley Probst
Insurance: Michelle Snyder	Silent Auction: Barbara Figge
Judges: Ron Mullin	Slides: Hooker Nichols
Library: Keith McNames	Ways and Means: Maxine Perkins
Membership Contest: Lynda Miller	Youth: Jean Morris

Plank moved, Pope seconded that these appointments be approved. Carried.

How to Register and Introduce an Iris

These instructions apply to the registration of all classes of irises except bulbous irises.

Registration

1. Write to the AIS Registrar, Keith Keppel, P. O. Box 18154, Salem, OR 97305, for a registration blank, enclosing check for the registration fee payable to the American Iris Society. The fee is \$7.50 per registration, or \$10.00 if transferring a name from a previous registration.

2. At the same time, select a name which has not previously been used and submit it for approval. To determine availability of name, please refer to all ten-year Check Lists (beginning 1939) and annual Registrations and Introductions booklets (beginning 1990). Please also suggest alternate names. A name is not registered until the registration application has been completed and approved and a certificate of registration returned to you.

3. Names should follow the rules established by the International Code of Nomenclature for Cultivated Plants. Rules are subject to change, but at the present time the following names will not be permitted:

a. Names of living persons without their written consent, or names of recently (10 years) deceased persons without permission of next of kin or other authority.

b. Personal names containing the following forms of address or their equivalent in another language: Mr., Mrs., Miss, Ms.

c. Names including symbols, numerals, non-essential punctuation or abbreviations.

d. Names beginning with the articles "a" or "the" or their equivalent in other languages unless required by linguistic custom.

e. Names in Latin or in latinized form.

f. Slight variation of a previously registered name.

g. Names in excess of three words, ten syllables, or thirty letters.

h. Names containing the word "iris" or "flag" or the species name of any recognized species of Iris, or formed wholly by recombining parts of the parental species' names.

i. Names containing the hybridizer's name in possessive form.

j. Names which exaggerate or may become inaccurate (e.g. Heaviest Lace, Tallest Black), or which are composed solely of adjectives which could be construed as a simple description (e.g. Pale Blue, Ruffled).

k. Names translated from the original language; they should be transliterated as necessary.

4. Previously registered names may be re-used only if (a) the original registration has not been introduced or distributed by name, (b) does not appear by name in the parentage of later registrations, and (c) a statement of permission is obtained from the prior registrant.

5. Names will not be released as obsolete unless there is proof that no stock now exists and that the iris was not listed as a parent in registrations.

INTRODUCTION

Introduction is the offering for sale to the public. Catalogs, printed lists, and advertisements in the American Iris Society Bulletin are acceptable means of introduction. It is a requisite of awards of the Society above that of High Commendation. A variety is not eligible for listing on the awards ballot until after it has been recorded as introduced by the Registrar-Recorder. Send the Registrar a copy of your list, catalog or advertisement by first class mail so verification of introduction can be made.

The Registrar will supply a sample application form upon receipt of a stamped self-addressed envelope.

Attention: Hybridizers and Introducers

It is your responsibility to notify the Registrar when irises are introduced. This information is necessary not only for our iris history, but also to make your introductions eligible for A.I.S. awards.

Proof of introduction (catalog, price list, page from regional or sectional publications, etc.) should be sent first class to the Registrar. (Introductions made by display ads placed in the *A.I.S. Bulletin* are automatically picked up and need not be submitted.)

Although this should always be done in a timely manner, 1999 is an especially critical year. Work has begun on the 1999 ten-year Checklist. If your iris was introduced in the '90s, it should appear in this reference book.

Keith Keppel, Registrar
PO Box 18154
Salem, OR 97305

To all of our friends
who gave so freely and generously
in honor of

NANCY SILVERBERG

we would like to express
our deepest heartfelt gratitude

Mrs. Isabell Thompson
Susan Harrison, Sandi Thompson-Chittenden
David Silverberg



MILLER'S MANOR GARDENS

Lynda & Roger Miller

12788 E 191 ST

Noblesville, IN 46060

1999 INTRODUCTIONS

ACE (L. Miller) MTB, 2211 M. Ace is the darkest MTB plicata we have see and very vigorous. The standards are white with a deep violet overlay. The falls white ground are marked deep violet with a belly stripe and overall dotting which becomes a solid border at the edge. Pale violet beards are tipped golden bronze.

4094B: Cherry X Manisses

\$15.00

CHELSEA TURNER (J. Norrick) MTB, 1811 L. Crisp, bright, and well formed describes this little beauty with bright yellow standards and light yellow falls edged bright yellow. Great bud count and stocks for showing and in the garden.

92-4: Spanish Coins X Topsy Turvy

\$15.00

FOOLED ME (L. Miller) IB, 18" E-L. At a distance you will see mottled purple and white blossoms of which no two are alike. But up close you will see the real charm, a perfect stitched edge of purple on the ruffles. Electric blue beards. Very vigorous.

795C: Cimarron Rose X Melba Hamblen

\$15.00

SCHOOL DAYS (L. Miller) SDB, 11, ML. Remember the olden days of the violet-gray school slates, that is the color of the large spots on these round waxy rich cream blossoms. Gracefully ruffled and flared falls, cream beards. 3 buds.

2093: Cosmos X Cream Cakes

\$12.50

CHARGED UP (L. Miller) TB, 34", L. Standards are light rose over a pale orange ground with dark apricot style arms. But the name comes from the lightly ruffled falls of rose magenta over dark apricot with a stripe of apricot extending all the way down the falls from the brilliant tangerine beards.

100791: (Far Corners X Marmalade) X unknown

\$35.00

NOBLE LADY (L. Miller) TB, SA, 33", M. Pretty in pink is this small of stature lady. She wears a dress of pale pink with a slightly paler ruffled shirt with rose lines at her hafts. Her outfit is set off by tangerine beards and small orchid horns.

4494B: Christa X Pagan Pink

\$35.00

WINNING TICKET (L. Miller) TB, 32", E. Beautiful wide ruffled huge blossoms of white with a slight blue tint in the standards. Falls have long stitched lines of dark lavender toward the white lightly tipped gold beards.

4894A: Pagan Pink X Acoma

\$35.00

Add \$5.00 handling when ordering from this ad.

Visa & MC accepted

Send 01.00 (deductible from first order) for descriptive catalog
also featuring hostas, daylilies, and rare perennials.

MEDIAN ODYSSEY 2001
Guest Iris Request

The Iris Society of Massachusetts will host the
 IRIS ODYSSEY 2001 Convention
 in eastern Massachusetts, May 18 – 20, 2001

Hybridizers are invited to submit miniature dwarf, standard dwarf, intermediate, arilmids, miniature tall, border bearded; species and species crosses recently introduced, or seedlings under consideration for introduction. These irises will be exhibited in eight gardens.

Send guest irises to:

Bill Godfrey, Guest Iris Chairman
 3 Pierce St (Rte 140)
 Foxborough MA 02035
 (508) 543-2711

When sending guest irises, please observe the following guidelines:

1. Up to five rhizomes of each variety or seedling will be accepted.
2. Guest irises will be accepted from July 5 – August 31, 1999.
3. The name or seedling number must be clearly indicated on each rhizome.
4. Master packing list is to accompany each shipment and shall include:
 - Hybridizer's name, address, and phone number;
 - Name or number of the variety/seedling;
 - Year of introduction;
 - Type of iris;
 - Height and color;
 - **IMPORTANT: SEASON OF BLOOM** (Early, Mid, Late, etc.).
5. When guest irises are named after shipment, please notify the guest iris chairman before September 31, 2000 for accurate recording.
6. An acknowledgment of receipt will be mailed to all contributors. Contributors will later be asked for instructions regarding disposition of plants. Failure to reply by May 1, 2001, will be considered as an order to destroy all stock. All returned guest plants will be shipped postpaid.
7. The Convention Committee will exercise all precautions to see that no plant is traded or sold, and that no seed is set, or pollen used.
8. The convention committee will adhere to the Code of Ethics as printed in the AIS Convention Handbook. Only rhizomes received through the guest iris chairman will be listed in the convention booklet.

Request for Guest Bearded Irises SUSQUEHANNA, 2001

The Susquehanna Iris Society will host the
2001 Convention of the American Iris Society.

The Guest Iris Committee invites hybridizers to send guest rhizomes of recent introductions and seedlings of bearded irises under consideration for introduction. Please observe the following guidelines when sending guest irises:

1. Up to three rhizomes of each variety may be shipped.
2. Guest Irises will be accepted from July 1 – August 30, 1999.
3. All official guest irises must be shipped to:

Patricia A. Leader
Iris Guest Chair
9328 Forest Road
Glen Rock, PA 17327
4. The name of the variety or seedling number must be clearly marked on each rhizome. In addition, the following information must be clearly marked for each plant on a **SEPARATE PACKING LIST**.
 - A. Hybridizer's name and address.
 - B. Name or seedling number of the variety.
 - C. Type of iris (TB, IB, MTB, SDB).
 - D. Height, color, and bloom season (E, M, L).
 - E. Year of introduction (if introduced).
5. If a guest seedling is named, it is the responsibility of the hybridizer to notify the Guest Iris Chairwoman not later than Dec. 1, 2000.
6. A receipt will be mailed to all contributors. Shortly before the convention, contributors will be asked for instructions regarding the distribution of the plants. Failure to reply by June 15, 2001, will be interpreted as permission to destroy all stock. All official guest plants which are to be returned will be shipped postpaid, except to foreign addresses.
7. The Convention Committee and owners of tour gardens will follow the Code of Ethics as printed in the AIS Convention Handbook.
8. The Guest Iris Committee will not be responsible for losses beyond its control, and only Irises received through the Guest Iris Chairwoman will be listed in the convention booklet.

Youth Views

Lets Put More FUN in Iris Functions

by Jean E. Morris, Missouri

IRIS PEOPLE LIKE TO HAVE FUN. THAT'S ONE REASON THE AIS appeals to youth members. And why not? Having fun is, well... fun! On occasion, we older people may need to examine the way we do things to guard against monotony. The same old routines and programs can be boring, which is not fun.

The following are several "fun" ideas affiliate members have shared, some of which came directly from youths. Try a few. Perhaps they will bring a smile to irisarians of all ages.

Name a youth as Program Chairman. This is a good way to ensure new, fun ideas.

Show the "Iris Trivia" slides available from the AIS. They are in demand because they are fun. Several new trivia programs will be available soon.

Set aside ten minutes before each iris business meeting for this "ice-breaker." Tape a familiar iris name to each member's back upon arrival. Everyone must circulate and ask questions to guess his/her iris variety. If your meetings are too rushed for this type of fun, try it at your Holiday party or at your garden tour lunch stop.

Come dressed as your favorite iris, at a specific meeting or near Halloween. Many clubs have reported the fun involved with this activity.

Instead of a Holiday gift exchange, ask members to bring donations of non-parishable items for a local food pantry. Arrange for advance pickup so youth members can help load the cans, etc. onto the truck. Helping others can be fun and gives a feeling of accomplishment.

Sing iris songs together. Any familiar tune will do if clever club members will make up some funny iris words. The Iris Society of Massachusetts entertained attendees at the AIS Fall Board Meeting with wonderful iris songs. Ask them to share a few. What fun we all had!

Appoint a few people to be responsible for sharing an iris culture tip. Using less than five minutes per meeting, important ideas may be passed on to less experienced gardeners.

Keep a collection of iris word games and run off copies for extra fun on bus tours. Word searches, Dykes Medal name puzzles, stories with hidden iris names, iris word scrambles, etc., are all fun and challenging.

Let's Put More FUN in Show Schedules


Before show schedules can be really fun, your affiliate must offer a Design Division. Please have one with classes for adults and youths. Choose an overall theme that is of interest to all ages. Perhaps a display of show schedules at AIS Conventions or at Regional Meetings would be helpful, as many people are inexperienced at writing the design portion; or the same person has done this job for many years and has run out of ideas.

One of the most clever show schedules we've seen was written by Steve and Susan Smith of Kirkwood, Missouri, entitled "Hats off to Irises." Classes included, "Grab your coat and get your hat...", "The Brown Derby," "The Mexican hat dance," "All my exes live in Texas, that's why I hang my hat in Tennessee," "In your Easter bonnet," and, for youth members, "The Mad Hatter."

We will long remember the iris show held in conjunction with the 1992 AIS Convention in Atlanta. The theme, "Say Yes to Irises," was carried out in both Design and Educational Divisions. AIS Sections and Cooperating Societies were invited to enter an educational display. Everyone had fun!

In the bicentennial year of 1976, one show schedule theme was, "It's a Grand Old Flag." A welcome poster sported the U.S. flag over which an iris had been superimposed. Classes included important places the U.S. flag has flown—Arlington, Iwo Jima, the White House, Alaska, Independence Hall and the moon. one could get really creative for the year 2000. Start thinking.

Themes for Classroom Iris Project show schedules have included "The Solar System" and "The Inventors." A bit off-beat, you may think, but they were also workable and *fun*.

As the new bloom season begins, take a minute to step back and enjoy the beauty of your garden and shows. Perhaps voting to sponsor a Classroom Iris Project would bring more fun opportunities than you imagine. Get involved with your iris club and share a smile, take part in a few giggles, cause a belly-laugh. Plan to make changes which add more fun to your iris functions. 

Notice

The AIS Website has moved, and now has a permanent domain name. The new URL is:

www.irises.org

advertisement ADVERTISEMENT advertisement

It is said that a picture is worth a thousand words.

I have no picture.

SOLOMON'S SEAL

When I first began to hybridize IRISES over 40 years ago, I communicated with some of the prominent hybridizers of the day attempting to milk their minds of the "know how" that they had gained from experience. The response to these letters was great. Most hybridizers are very generous in sharing information associated with their beloved hobby.

By the early 1950s, most new TB introductions were tetraploids. A number of Iris hybridizers were convinced that these tetraploids didn't leave much room for improvement and advised me to expend my hybridizing efforts on Siberians or Spurias

Little did they realized the potential for change that is inherent in tetraploids. Every year among my seedlings are Irises that are different and call for improvement. Wouldn't this be great if it had better form or better branching, etc.?

Back in 1990 a guest Iris in our garden was SPECIAL FEATURE introduced by Manley Osborne in 1988. Special Feature has beautiful flounces instead of beards. The petals and flounces are an attractive violet-blue. I thought to myself, "Now this I like. Wouldn't this be outstanding if the flounces were a different color than the petals?"

So since then, part of my hybridizing efforts has been towards a TB Iris with white standards and falls and purple flounces. It isn't easy. I haven't grown enough seedlings to produce the color break that will allow the flounces to be a different color than the falls.

But as serendipity along the way, we got a beautiful white seedling with large pointed purple beards on a superb stalk. We named this seedling SOLOMON'S SEAL.

If you are interested in growing SOLOMON'S SEAL or any of the other hardy Ensminger introductions, send a stamped, self-addressed envelope for our price list available in early June.

Allan Ensminger
VARIGAY GARDENS

7909 Cornhusker Hwy

Lincoln, NE 68507

CAPE IRIS GARDENS

822 Rodney Vista Blvd., Cape Girardeau, MO 63701 (573) 334-3383

INTRODUCTIONS from DAVE NISWONGER

LINE DANCE (Niswonger '99) Sdlg. SDB 10-94: SDB 29-91: ((Chubby Checks x SDB 10-88: (Auburn Valley x Unknown but Hand pollinated)) X Unknown. SDB, 12 " (31, cm), M, Very pale blue plicata blend on white ground with some infusion of beige. The beard is blue to purple. EC'97 \$15.00

DREAMLAND (Niswonger '99) Sdlg. Sp 1-94: Sp 8 88:((Sp 6-80: (Far Out x Redwood Supreme) x Unknown)) X Firemist. Spuria, 42" (107 cm), M. Walker Ferguson earlier than 1967 when he introduced Fireplace, felt that a pink spuria possible, He also thought that the use of Fireplace in hybridization would be a possible approach Over thirty years have passed and we havn't gotten a pink spuria but I still think its possible. Here is another step along the way that may lead to this elusive dream. This is a blend of yellow and rose with a light touch of violet, especially in the crest. The yellow signal blends out to the edges of the falls. It doesn't set seed easily but pollen is potent \$30.00

MISSOURI MIST (Niswonger '99) Sdlg. 71-95: Honky Tonk Blues X Upside Down. TB, 38" (97 cm), M. This is a reverse amoena with dark blue stds. and near white falls. The tangerine factor is present; as evidenced by its orange-tangerine beard. An easily grown vigorous plant that is well branched. It can have four blooms open. at once. It is fertile both ways and was the Best Seedling in the SEMO Iris Society Show of 1997. EC'97 \$35.00

MISSOURI SMILE (Niswonger '99). Sdlg. 45-95: Sky Blue Pink X Sdlg. 46- 92: (Pink Blue Genes x Fontaine). TB, 36" (91 cm), M. You can bet that when 1 come upon a blue bearded iris you're going to see me smile. This one happens to be a mauve Pink with a blue beard on the end followed by a mixture of blue and tangerine giving the effect of a sienna beard, It -has all the good traits and fertile both ways \$35.00

PINK BLUSH (Niswonger '99) Sdlg. 43-95: Be A Dream X Wish. TB. 32" (81 cm), M. For some time I've been interested in a white iris with a fuchsia blush around the hafts. This is not it but maybe a step in that direction. It is white with a blush of pink at the hafts and a little in the midribs. The beard is white based with tangerine tips. Fertile both ways \$35.00

TRANS-ORANGE (Niswonger '99) Sdlg. 22-94; Apricot Frosty X Sdlg. 19 83: (Love Chant x Ambrosia Delight). TB, 36" (91 cm), MI. Here's an orange amoena with a slight touch. of orange in the stds. and a fine edge of white around the orange falls T he beard is orange and there's a touch of orange in the white crest. It has some defects noted in the foliage (wish it was dark green and more upright) and the stem which tends to twist. 1+1 has produced some outstanding seedlings in various colors of orange and apricot amoenas \$35.00

Enclose \$5.00 for shipping

Catalog \$1.00, refundable

International News

by George & Margaret Sutton, California
with Bruce Filardi, Oregon

AS YOU WILL NOTE THE INTERNATIONAL NEWS COLUMN now has a collaborator in Bruce Filardi of Oregon. Bruce has volunteered to help with the column, and to that end has joined the French and German Iris Societies. Since he is fluent in those two languages as well as Spanish, he will be translating articles from their publications that should be of interest to iris lovers in this country. We are most pleased to have his help, and thank him very much for his offer. Most of this issue's material is the result of his collaboration.

British Iris Society Goes to Prague

by Clive Russell

The Botanical Garden at Pruhonice, about nine miles outside Prague in the Czech Republic, probably has the world's largest collection of specie iris, as well as quite a few TB hybrids. This will quite probably be the last year the collection will be housed there, and after this year's bloom everything will be dug and split/separated/composted. The Kent Group of the BIS has organized a trip to see this historic garden, plus the surrounding area. It will be a week's visit, leaving on Monday June 7 and returning on Sunday June 13. Milan Blazek, the person responsible for the upkeep and control of the iris collection, will act as guide, and is organizing visits to the Botanical Garden as well as excursions in and around Prague. The price is expected to be a little over \$450.00, which includes round trip flight to Prague from England and six nights B & B accommodation in pension-type hotels. Single person, single occupancy may be higher. Lunches and dinners are extra, and can be arranged on an ad hoc basis, so that those adventurous types can try out the local cuisine. Meals are very reasonable, about \$3.00 each or \$6.00 a day, since breakfast is included with your accommodation. Evening entertainment is also very reasonable and includes symphony, opera, jazz clubs and classical music events. In addition there are guided tours to museums, castles and buildings in Prague.

While official cut-off date is March 6th, Cy Bartlett, BIS president has extended this deadline for registration to mid May. So, if you are interested, contact either of the following two people as soon as possible, with your name, address and telephone number and any special requirements for accommodations:

Mr. J.R. French
 Castle Reach
 Rayleigh
 Essex SS6 9TF
 England

Mr. Cy Bartlett
 The Old Mill House
 Shurton
 Stogursey, Bridgwater
 Somerset TA5 1QG
 England

Note: Prices quoted above are U.S. dollars.

Can you Help?

by Bruce Filardi

The following is a list of plants the French Iris Society is hoping to locate for their display gardens at their big millennium iris festival "Franciris 2000." In addition, the irises will thereafter be part of, for lack of a better term, the French National Historic Iris Collection. The FIS would appreciate any help we can give, and I hope we might be able to find a few of these that they haven't been able to locate in France. If you grow any of the following, or if you know a source for any of them, please contact:

Monsieur Gerard Briere
 Les Jardins de Broceliande
 Route de Montfort
 35310 Breal-sous-Montfort FRANCE

Older French irises:

ALICE HARDING (Cayeux '32)
 ALTO (Vilmorin)
 ANNE MARIE CAYEUX (Cayeux)
 ANTIGONE (Cayeux '37)
 ASTEQUES (Vilmorin)
 AURACANS (Vilmorin)
 AURORE (Vilmorin)
 BLOIS (Vilmorin)
 CARAIBES (Vilmorin)
 CARIOS (Vilmorin)
 DAKOTA (Vilmorin)
 DAX (Vilmorin)
 DEJAZET (Vilmorin)
 ELDORADO (Vilmorin)

EVIAN (Vilmorin)
 FREJUS (Vilmorin)
 FRIVOLITE (Cayeux '29)
 GIEN (Vilmorin)
 GUSTAVE COURBET (Cayeux '27)
 HOSSEGOR (Vilmorin)
 HURON (Vilmorin)
 ISOLINE (Vilmorin)
 KIDAL (Cayeux '32)
 MIRIAM (Vilmorin)
 OLYMPIO (Cayeux '36)
 POMPEE (Cayeux '59)
 SEMIRAMIS (Cayeux '29)
 TORANQUOS (Vilmorin)

Recent French irises:

AQUARELLE (Fedoroff '93)
 BOULE DE NEIGE (Cayeux '62)
 ECUME (Anfosso '86)
 EVENOS (Fedoroff '75)
 FRIVOLE (Fedoroff '75)
 GURLI (Cayeux)
 JOLI MAI (Cayeux '60)
 KARU (Fedoroff '74)
 MADAME R HUET (Cayeux '57)

MARGINAL (Anfosso '87)
 NUAGE ROSE (Cayeux '79)
 PREMIER BAL (Cayeux '78)
 RIVIERA STOP (Anfosso '90)
 ROUGE ROYANS (Lantheleme '97)
 THEO D'OR (Lantheleme '97)
 UBU BLUES (Anfosso '94)
 VIREVOLTE (Cayeux '90)

Dykes and Florence Medal winners

BEWITCHING (Lyon FM '68)
 CHRISTIE ANN (Gaulter FM '67)
 DANCER'S VEIL (Hutchinson FM '63)
 FIRST VIOLET (DeForest DM '56)
 FOGGY DEW (Keppel FM '71)
 IKAR (Volfovitch-Moller FM '95)

MIDNIGHT WALTZ (Burbridge FM '64)
 MISSY YORKTOWN (Innerst FM '87)
 QUEEN OF FLORENCE (Mallory FM '75)
 ROSSO FIORENTINO (Specht FM '73)
 STEADFAST LOVE (Carr FM '94)

Ten Top Cultivars

by Bruce Filardi

The results of a recent poll of French Iris Society members indicated the following ten top favorites, in the order given: MARY FRANCES, VANITY, BEVERLY SILLS, OVATION, THEATRE, VICTORIA FALLS, MYSTIQUE, BABBLING BROOK, ECHO DE FRANCE, SAPPHIRE HILLS.

News from the Russian Iris Society

Sergey Loktev reports that the Russian Iris Society had 152 members at the end of 1998, including 14 foreign ones (two are from the USA). In 1998 they registered 50 cultivars (35 TBs, 5 SDBs, 3 BBs, 3 JIs, 2 IBs, 1 MTB and 1 AB) by ten hybridizers from Russia, Ukraine, Uzbekistan and Slovakia (37 cultivars among them are Russian ones). They had four iris shows last year, in Moscow itself, in a town in the Moscow region, in Krasnodar in the North Caucasus area and in the Far East in a small town not far from Vladivostok. There was judging only at the Moscow show. The top ten winners were COPATONIC, CELEBRATION SONG, AVALON SUNSET, DELTAPLANE and VISUAL ARTS, HELLO DARKNESS, TIGER SHARK, EDITH WOLFORD, ART CENTER, and SPINNING WHEEL.

They are continuing their Moscow International Iris Competition (TBs). During the first two Competitions in 1996 and 1997, only varieties

by hybridizers from the former Soviet Union (Russia, Ukraine, Uzbekistan) were judged. In 1998-99 they will judge only foreign varieties especially picked by the Presidium of the Society. Varieties entered in 1998 had to be newer than 1980; this year they will have to be newer than 1985, and newer than 1990 next year. Starting in 2001 they hope to judge varieties sent both by Russian and foreign hybridizers. In 1998 they received irises for the 2001 year Competition from four American hybridizers, and will be happy to have their continuing participation. Ten judges took part in the 1998 Competition judging. The results were as follows: 1) BE A DREAM (Niswonger '92), 2) MUKADDAM (Muska '94), and 3) RARE OCCASION (Gatty '94). Special medals were sent to the hybridizers.

RIS awards are only for TBs at present. All of the 16 judges (nine of them probationers) took part in last year's voting. The results: High Award (not yet named) had no claimant, nor was there an AM awarded. HMs were awarded for MUKADDAM (Muska) and OKAVANGO (Muska); and an HC for seedlings to GUSARSKAYA BALLADA (Loktev).

Also last year there were two Symposiums (popularity polls), one for TBs and the other for Medians which included SDB, IB, BB, and MTB. Top favorites in their seventh TB Symposium were:

- 1 COPATONIC
- 2 BEVERLY SILLS
- 3 THORNBIRD
- 4 SILVERADO, SUPREME SULTAN (tie)
- 6 EDITH WOLFORD
- 7 SUPERSTITION
- 8 MASTER TOUCH, CELEBRATION SONG,
HELLO DARKNESS (tie)
- 11 BEFORE THE STORM, CONJURATION (tie)

The most popular variety among those registered by the Russian Iris Society was TASHKENT.

In their first Median Symposium, the top varieties were:

- 1 BROWN LASSO (BB)
- 2 BATIK (BB)
- 3 ZING ME (IB)
- 4 CALIFORNIA STYLE (IB), CURACAO (BB) (tie)
- 6 JAZZAMATAZZ (SDB)
- 7 APRICOT FROSTY (BB), BALLET LESSON (SDB),
KADAICHA (IB) (tie)
- 10 BRASH (IB), GINGERBREAD MAN (SDB), EYE
MAGIC (IB), LEMON POP (IB), LUNAR FROST (IB),
PHILANDERER (IB), SOLNECHNY ZAYCHIK (BB) (tie)

Last year RIS held their first Convention, and will try to have one each year. With the present financial crisis in Russia it will be difficult. However they welcome American visitors in Moscow, especially during the bearded iris season from the end of May to the end of June. 36 persons took part in the Convention, two of them from abroad (Ukraine and USA). The Convention lasted from June 11-13. The first day they visited the main botanical garden and two other places in Moscow where botanical organizations grow other plants in addition to irises. The second day they visited Sergey's iris garden with more than 1000 varieties from the 80's and 90's of which about 85% – 90% are TBs. At this garden they carried out judges' training. On the third day they visited the Moscow Iris Show and had their meeting where they discussed questions concerning irises and iris culture in Russia. That day they also had a banquet, at which each participant received a special badge and other small souvenirs with the Russian Iris Society emblem on it.

Belgium Report

by Willy Hublau

Here in Belgium we had a very wet bloom season, but the irises flowered like never before. Bloomtime for the bulb and dwarf iris started very early. Outstanding were SERENITY PRAYER, JUNGLE WARRIOR and MAKING EYES (all SDBs), which were in full bloom at the same time as the springtime perennials. In the MTB category, REMINISCENCE was outstanding in the rock garden. In the IB and BB categories, MAUI MOONLIGHT, SONYA'S SELAH, and HONKY TONK HUSSY were the favorites.

Then it was time to go to the 42nd International Concorso in Florence, where I was a judge. The hospitality of the Italian Iris Society people was excellent. We saw a garden in full bloom, where the combination of old olive trees, climbing roses and the most beautiful irises was breathtaking. From the garden you have the most beautiful view of the city of Florence. To work and judge irises in this garden with other judges was very interesting and a good learning experience for me. (See Hublau's report below.)

Back home in Belgium the TB flower time had started. The broken color irises from Brad Kasperek were new to me. The Zebras have received a lot of interest from the garden visitors, and most of them liked the special color patterns. The space age irises from Sutton's were special too. I love the spoons and enormous flounces. BYE BYE BLUES, ALABASTER UNICORN and RINGS OF SATURN were real show

irises in my garden. But the most striking iris was a three-year-old clump of SUKY. It carried 16 flowerstalks with 156 flowers. Most of the iris lovers voted for it as garden queen!

It was fascinating to see it in combination with the dark red poppy "Turkenlouis".

Report from Florence

by Willy Hublau, Belgium


Last winter I was invited to be in the judges panel for the 42nd Concorso del Iris in Florence. It was one of my great wishes that came true. My wife and I landed at the Florence airport on Saturday evening. Valeria Romoli, one of the hard workers for the society, met us. After her kind welcome words she drove us to the San Remo, a nice hotel close to the splendid city center and walking distance from the iris garden. Next morning after breakfast the official program started. with a meeting with the international judges. They were Margaret Longo and Valeria Roselli from Italy, Isidore Golob from Slovenia, Joe Ghio from the USA and me. It was a pleasure and an honor for me to be a part of this judges' panel. I enjoyed working in the enormous iris field with Joe Ghio, team leader, and the other well qualified judges.

For the Concorso we had to judge 15 BB's and 89 TB's. The flower season was early and most of the BB's were finished, but the judging work had been done by Margaret Longo and her very competent Italian judges. Most of the judging we had to do was on the TB's. Three sunny days were taken to do the selecting. The group of irises were of a very good quality, with splendid new color combinations and well formed stalks with many flowers. The selection was difficult but we found the prize winning irises.

The Italian Iris Society offered us a very interesting agenda which included a visit to the Festa del Iris at the Farmaceutica Di Santa Maria Novella, one of Europe's oldest Farmaceutic Monesteria. The Rotary Club of Florence invited us for a supper in the Grand Hotel Minerva. Most special was the visit to the Villa la Magio for a lunch offered by the Contessa Amati Cellesi. The lunch was superb and the irises in the garden were breathtaking. On the all day trip to the Chianti area we saw fields with thousands of Iris pallida. Both the view and the scent of this mass of irises were overwhelming. The visit and lunch at the Castello da Verrazano was outstanding. At the Guido del Innocenty's nursery at Barbezina val d Elsa we saw many irises in a beautiful decor. In addition the Tuscany cheeses, breads and other traditional foods and wines were

superb. Joe Ghio declared this must be heaven!

The award ceremony at the impressive Palazzo Vecchio was one of the high points for me. (The results can be found in the *AIS Bulletin*, October, 1998.)

We had a very good and instructive time in Florence. The city of Florence, President Sergio Orsi, Margaret Longo and all the hard working society people can be very proud. They did great work to promote the irises! 

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DIVINE DESIGN (M. Dunn). Sdlg. M1063A. TB 36" EM. S. Cream ground, deep chocolate plicata edging; style arms brown; F. cream, deep cocoa edging and faint midline; beards old gold; heavily ruffled, lightly laced, Slight sweet fragrance. (Patterns X Change of heart) \$35.00

MELON RITA (M. Dunn) Sdlg. M2001-11 TB 36" EM. S. Orange buff, pink cast; style arms orange buff; F. orange buff, pink cast; beards burnt orange; heavily ruffled. (Pulsar X 867yf, Gardenlite sib) \$35.00

OLYMPIC ODYSSEY (M. Dunn) Sdlg. M2149A. TB 36" M S. Pale lilac; Style arms lilac; F. white, very small deeper lilac edge; beards pale yellow; heavily ruffled. (Patterns X Handshake) \$35.00

PAL JOEY (M. Dunn) Sdlg. M1059A. TB 36" EM Ruffled copper rose, F. lighter; beards bright orange; ruffled, faintly laced; slight sweet fragrance. (California Classic X Copper Lace) \$35.00

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New Zealand Irises

The 1998 Iris Convention

by Terry Aitken, Washington

IN SPITE OF MY MUCH EARLIER BOOK LEARNING IN THE Canadian school system, including world geography and history, I found myself ill prepared for the great adventure that lay in store for my wife and I in New Zealand, where we attended their Iris Convention. There are many things that books just don't tell you. Our instinctive reaction is to try and relate our new experiences to something more familiar.

The climate and geography of the convention setting in Oamaru (middle east side of the South Island) probably most closely resembles that of Oakland and the San Francisco Bay area of California. Our general impression during our three week tour was that New Zealanders are passionate gardeners, willing to take on gargantuan garden tasks and routinely expect inspiring results. The people we met had ready smiles, upbeat greetings, and were more than willing to go out of their way to help us along our journey. This was truly an adventure of a lifetime.

Within half a day of landing in New Zealand we were strolling through an iris field near Hamilton, an hour's drive south of Auckland. (The experience kept the adrenaline flowing as we learned to negotiate intersections from the "other" side of the road, and with the steering wheel in an unfamiliar location!) We found **Heritage Horticulture** in the rolling hills and winding back roads west of Hamilton. Without so much as a street number or visible sign, we turned into a driveway that "looked" suspiciously like it should have irises. The bloodhound instincts still worked! An energetic young lady led us to the iris plantings in a nearby field where tall bearded rows were in peak bloom. We were greeted by the familiar faces of SILVERADO, (Schreiner '87), HOUDINI (Maryott '85), CAMEO WINE (Blyth '83), CITY LIGHTS (M. Dunn '91), PASS THE WINE (Blyth '86) and SHINE ON WINE (Blyth '88), one of Barry's earlier red variegatas which showed exceptionally strong foliage. We also found BREAKERS, Schreiner's excellent mid blue, and an old favorite, BAYBERRY CANDLE, an olive/yellow blend. These last two, as our trip unfolded, were seen blooming everywhere we went in luxuriant excellence. Then there was JESSE'S SONG, the soft violet white plicata with elegant form, and the very vigorous LOYALIST

(Schreiner), a rich claret wine. We came to realize that many irises that did well on the popularity pole in the U.S. also did well in the South Pacific. It was a great start to our great adventure.

Our next stop was the beautiful east coast port of Tauranga. (I love the New Zealand names! They are strange phonetic translations of the complex native Maori names, wrapped in a stout English accent which frequently left us wondering not only what did they say, but how did they say it!) Here we renewed our acquaintance with Grant Iles whom we first met at the Detroit convention, and got a tour of local iris nurseries in the making. I finally got to see the blue walking iris *Neomarica Caerulea* (see photo: page 36), a distant relative of the iris family and a native of Sao Paulo, Brazil. This plant is larger than its relative, the white form, having leaves over an inch in width and standing about four feet tall. The flowers are nearly four inches across and petals an inch wide. We walked the field rows of irises again and the same members of the Popularity Poll were blooming enthusiastically, along with Barry Blyth's hybrids which were a more common sight in New Zealand. His wine Siberian COOLABAH was most impressive on the day of our visit.

We headed south toward Wellington through the central lake region of Rotorua to our next stop at the **Tikitere Gardens**. This nursery covers 35 acres with massed planting of rhododendrons, azaleas, hostas, Japanese maples, plus many other "never seen before by us" plants. The most unique plant here was a double Kalmia, MADELEINE. Approximately an acre of potted plants were neatly arranged under shade cloth and beside this was the iris field of approximately 10 yards by 100 yards in length. Here the standout was DARKSIDE (Schreiner '85), a deep purple sporting three good branches. The soil was a sandy loam on the dry side. The growing fields were broken up by fifty foot tall dense evergreen windbreaks which we would come to appreciate before we left the islands.

We crossed the central high desert plateau past sleeping volcanoes on our way to the **O'Tara Birch Nursery** near Palmerston North, on the west coast of the North Island. We received a hearty welcome by the owners and were given a "cook's tour". This was the largest iris nursery that we would visit in New Zealand. The "paddocks", defined by evergreen wind breaks, were two to five acres each. In one, tall bearded irises were growing vigorously. We enjoyed seeing huge two year clumps of the reverse blue amoena EDGE OF WINTER (Schreiner '83), their inky black SUPERSTITION ('77), and the ever present BAYBERRY CANDLE. Another much larger paddock contained Siberian irises in mass plantings which included CAESAR'S BROTHER by the thousands in deep

purple, probably one of the most climate tolerant of Siberians. Other large plantings featured AQUA WHISPERS (A.M.Miller '88), sanded rosy lavender, and SULTAN'S RUBY (Hollingworth '88), a deep wine red, among many others.

Two paddocks contained water irises. Again we saw mass plantings of *I.laevigata* Monstrosa, an elegant six fall type, light lavender with flecks, and *I.laevigata* Semperflorens, the deep blue rebloomer. Banks of Japanese irises at water's edge included SILVERBAND, the variegated JI with deep purple species-like flowers. Most of the other Japanese irises were not yet in bloom. Louisianas were in their glory, with IMPASSIONED, a blue violet with prominent green signal, and FLIGHT OF FANTASY looking very exuberant. The Spurias were on higher ground, and many were in pots, the primary retail trade. IN DEPTH, a deep purple, looked very happy, while FAR OUT (photo: page 35) was positively "inspired". Also among the potted retail stock, flowering happily, were quantities of FROSTED CRANBERRY (A.M. Miller '91), winner of the 1998 Morgan Wood Medal.

In another paddock, a man-made lake at least an acre in surface, was under construction with terraces for thousands of Japanese irises planned, plus a background of freshly planted rhododendrons and flowering cherry trees on the surrounding banks of the lake. This was truly Herculean planning for future iris and a must see stop for any irisarians visiting the islands.

We left **O'Tara Birch** with great reluctance, and it was becoming apparent that TIME was our biggest handicap. Our next stop was the beautiful port city of Wellington where we would catch a ferry to the South Island. Wellington, capital of New Zealand, compares favorably to San Francisco, with rolling hills covered with homes, a large harbor and even a reputation for earthquakes!

After a long and uneventful ferry ride, we embarked in a new rental vehicle, challenged by "accouterments of navigation" (turn signals) in a new location! The Road to Richmond/Nelson snaked along rugged cliffs overlooking the spectacular fjords of Marlborough Sound. This road could seriously challenge Hawaii's infamous "Road to Hana" for the most hairpin turns per mile! However, it was an inspiring drive and we soon arrived on the fertile plains of Nelson. Our objective was to locate Allison and David Nicoll at their **Richmond Iris Garden**. We were escorted to the iris field rows where we were attracted to a commotion down the other end of the rows. First the glint of sunshine on something shiny; then there arose out of the Louisiana iris undergrowth, the familiar sight of Keith Keppel, who had made himself unabashedly at home in the

New Zealand iris fields. Following a short visit, we were off to the field rows of tall bearded irises where we found many more familiar irises doing their “exemplary thing”: EVERYTHING PLUS (Niswonger '84), with great branching; UNFORGETTABLE FIRE (Schreiner '91), exhibiting excellent red color; GYPSY ROMANCE (Schreiner '94), a rich mulberry; and HALO IN YELLOW (Niswonger '89), with the most intense yellow rim and ruffles I have ever seen. LOOP THE LOOP, an earlier Schreiner plicata, in snowy white with a defined rim of deep purple, showed fantastic vigor. Their SKIER'S DELIGHT was an outstanding white, and RON (Hamblen '81) was an exceptional mid blue. The best pink of the day was PREJUDICE (Grosvenor '88).

The next day we were off cross country to the New Zealand National Convention in Oamaru. We were welcomed enthusiastically by Judith Neilson, president of the New Zealand Iris Society, then introduced to the other host officers with whom we would become better acquainted during the week ahead.

My tour report began with the garden of **Max and Joy Lory**. New Zealanders are collectors of unusual plants and we were constantly in awe of plants we had never seen before. I was particularly impressed with a variegated Tulip tree which was in bloom, with tea cup size flowers. We came across several familiar iris faces. SILVERADO and GRECIAN SKIES, a soft blue with tangerine beards (always one of my favorites) were obviously very happy in the New Zealand setting. Elsewhere in the grounds, we found LOYALIST, a rich claret wine color and BEVERLY SILLS, a bright pink, behaving respectably. Plantings of tall spurias were integrated among the rhododendrons and trees that lined the driveway. As I picked my way through the highly diverse landscape beds I came across a large protea, referred to as “Pink Mink” in Hawaii. This was one of the plants I watched for as an indicator that we were still in a northern California type climate. Another plant that drew a lot of attention was a Weeping Buddleia (*B. Alternifolia*).

The largest collection of bearded irises we saw during the convention tour was in the gardens of Brian and Barbara Harris, under the commercial name of **Waimate Iris Garden**. From the luxuriant growth, it was apparent that their climate was sufficiently warm to get the extended growth that can be seen in the San Francisco area of California. Huge two year clumps were masses of healthy stems with loads of flowers. Generally the flowers looked better than we are used to seeing them. RHONDA FLEMING (Mullin '93), obviously a new arrival, looked positively elegant in form, showing off its soft white/violet plicata pattern.

KATHLEEN KAY NELSON (Hager '93) in deep blue ruffles, carried nice showstalks. STRATAGEM (Ghio '89), a different amber-peach blend with deeper hafts, was putting up a marvelous clump of stems. CARIBBEAN DREAM (Schreiner '90) was lined up like sky blue soldiers on parade. MAGIC SHOW (Keppel '94), a yellow-rosy/brown plicata, put on an excellent show. SPANISH FIREBALL (B.Jones '95) formed several flaming orange clumps. TOM JOHNSON (Black '96) has never looked so good! Huge, floriferous clumps of red-bearded black irises! The grand slam hands down winner for floriferousness had to be BAHLOO (R.Caldwell '87) (see photo: page 39) Flower form is average, but it sure put up the bloomstalks with masses of eye-catching bright yellow flowers!

Medians were also in full to late bloom. RED ROOSTER (Durrance '90), BB, looked the best I've ever seen it. PETITE BALLETT (Keppel '92), a plicata BB, displayed elegant form. MAUI GOLD (Aitken '92), IB, put up furious growth and masses of intense yellow flowers. SPITFIRE (Hager '92), a red-bearded white BB had great form. SEA CADET (Aitken '93), a deep blue BB with ramrod stems, showed great discipline.

The irony of all of this is: the winner of the cultivar show at Oamaru was Brian Harris' Siberian entry, CORONATION ANTHEM!

Our final stop one day was Gwenda Harris' **Otepopo Garden Nursery**. As we walked down the garden path to the nursery, we were greeted by intensely planted perennial beds. Mixed through the perennials were a diverse group of irises. We said hello to a Siberian named "Ernie", saw a *Tectorum* called "Honiana Love", some spuria species *Ruthenica* and *Maritima*, also a pale blue *chrysographes*. In a separate garden featuring Siberians, all looking very happy with themselves, we saw the miniature BABY SISTER, the older PINK HAZE, and GOLDEN CRIMPING all looking very good. A very large *Japonica* was nearby.

Next to the Siberians was another iris bed with a focus on more arid growing types. BLUMOHR, an aril with two branches, was thriving. Other arils were in various stages of growth and I did not get their names.


Tucked off in a corner out of harm's way were several new iris arrivals. GEISHA, a lovely blue violet plicata intermediate carried 4 bloom stalks. BANGLES, an amethyst-blue violet MTB, was as vigorous as ever I've seen it and carried seven bloom shoots. These plants obviously were enjoying their new home in the South Pacific.

Gwenda's private garden was another riot of color, texture and forms. Here we found a tall bearded pink amoena iris in glorious fresh bloom. A central feature in another bed was a magnificent clump of SUNRAY

REFLECTION, a yellow TB which, Gwenda assured me, was very long lasting and a reliable performer. Further downhill in the inner sanctum of private plantings we came across a huge population of Lorena Reid's Sino-Siberians standing shoulder tall, but with just occasional bloom at this time.

Following the convention we took a quick tour of the south end of the South Island. Our visit to the **Mossburn Iris Nursery** showed overnight frost damage indicating the influence of Antarctic storms. Some of the more durable survivors were HELLO DARKNESS ('92) and NEW CENTURION ('93), both Schreiner TBs; MORNING SHOW (Ensminger '88), wine red IB; and DARK WATERS (Aitken '92), a deep ruffled purple IB.

We stopped briefly at the **Tregarden Nursery**, where ponds were a main feature. We found PACIFIC RIM (B. Jones '91) and several other PCIs making a valiant and promising attempt at survival. In this more temperate climate the Louisianas were not yet in bloom, but we saw mass plantings of the "New Zealand Iris", identified as *Iridaceae Libertia ixioides* (smaller) and *grandiflora* (larger form). This family of plants can be found in Chile, South America, as well as being native to New Zealand and hardy to -15°C (5°F). The plant forms dense tufts of upright grassy foliage with bloomstems carrying many clusters of small (one half inch) white three petal flowers (see photo: page 36).

The great range of iris types that we saw, and all growing to magnificent proportions, left us with a desire to return someday to visit the people and this lovely land "down under" in the South Pacific—a land called New Zealand. 

New Zealand Iris Society Convention

Te Awamutu
(north island, 1 hour drive south of Auckland)

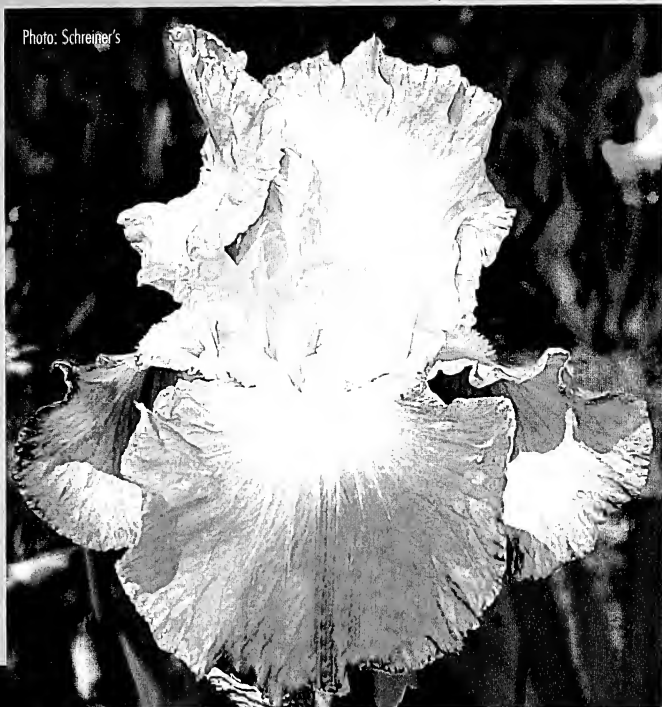
5th to 9th November, 1999

Contact: Mary Barrell
26 Lindale Street
Morrinsville
New Zealand

Phone/Fax: 64-7-889 3638

The Great Clarence Mystery

Photo: Schreiger's



CLARENCE (Zurbrigg '91), page 70



Photo: Spoon

DAUGHTER OF STARS, (Spoon seedling)

Photo: Spoon



DREAMING RAINBOWS,
(Spoon seedling)

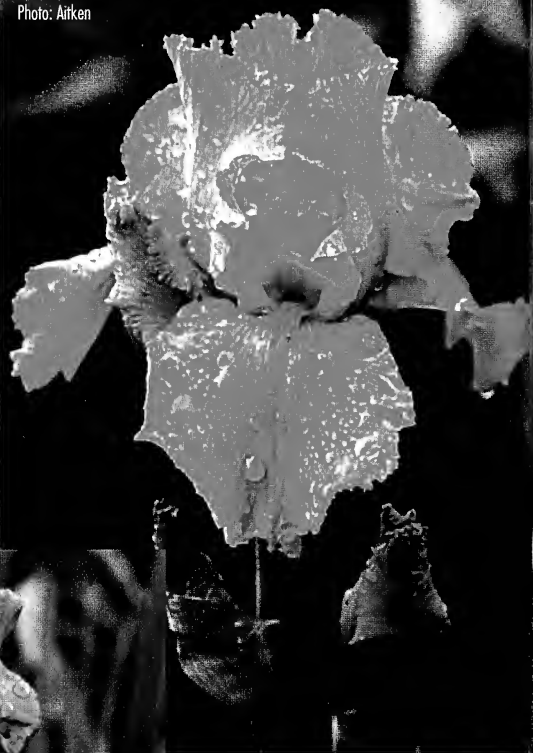
Photo: Weber

*Irisés
in
Germany*



REBECCA PERRET (Cayeux '92)

Photo: Airken



FEU DU CIEL (Cayeux '93)




MER DU SUD (Cayeux '97)


Photo: Weber



Iris in
New Zealand



FAR OUT (Hager '75),
Spuria at Otara/Birch Garden



KATHLEEN KAY NELSON (Hager '93),
TB at Waimete Garden

SPITFIRE (Hager '92), BB at Waimete Garden

*Species
in
New Zealand*



LIBERTIA IXIOIDES

I. VERSICOLOR
'NANCY JOHNSON'

NEOMARICA CAERULEA



*TB's in
New Zealand*



RHONDA FLEMING (Mullin '93) at Waimete Garden

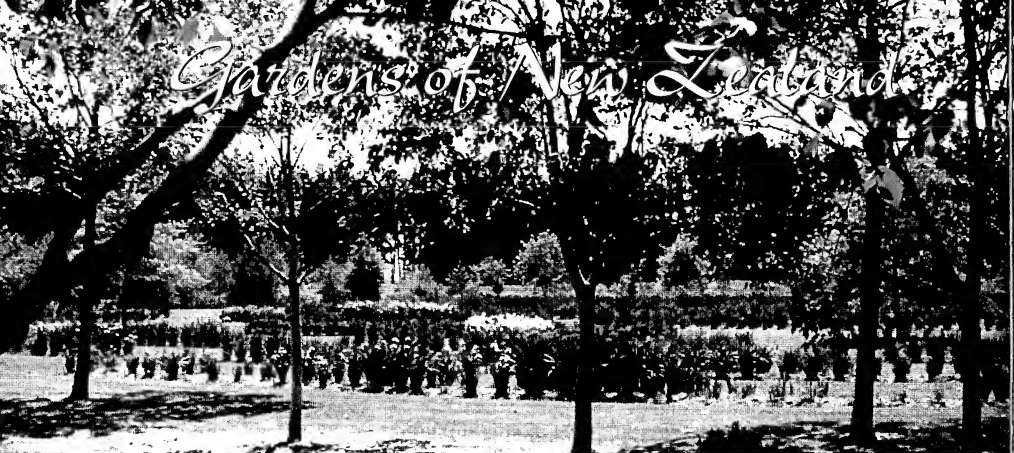


SUNRAY REFLECTION (Ernst '92) at Otepopo Garden



HALO IN YELLOW (Niswonger '89)
at Richmond Garden

Gardens of New Zealand



Otara Birch 'Paddock', Siberian Iris Plantings



Lory's Garden 'on Tour', with Siberians in the Landscape



JolenDale Garden
(unidentified white TB)



BAHLOO at Waimete Garden



Tall Bearded Iris at Waimete Garden



Medians at Waimete Garden



All photos this page: Plank

ELFIN SUNSHINE (Jenkins '98), Spuria

ZAMBOANGA (Hager '92), Spuria



ALPHASPU (Jenkins '92), Spuria



MARBLE CAKE (J. Taylor '93/'94), Australian Louisiana

Spuria Convention, Phoenix 1998

HAROLD L. STAHLY

8343 Manchester Dr., Grand Blanc MI 48439

New irises from Evelyn Robarts and Hal Stahly:

BACKWATER BLUES (Stahly '99) TB, EM, 35". Medium blue violet self with white vein network from beard and midrib to a 1/4" band of deeper color edging standards and falls. The color is reminiscent of a Japanese Iris pattern. Blue beards tipped bronze inside. Wide, ruffled, semi-flared flowers, excellent branching and buds. Sdlg. 94-17: BALTIC STAR X PAINTED PLIC. \$35.00

BODY AND SOUL (Stahly '99) TB, EM, 37". Apricot falls (RHS 16B) slightly lighter in center, shoulders touched pink; standards are a little deeper (19A) with orange-pink suffusion in center; styles 19A with pink midrib. Bright tangerine beard (30A). Beautiful ruffled form, well branched, with eight buds, this is a gorgeous flower. Sdlg. 93-9: (Sun Fire x (Orange Chariot x Barcelona)) X Esmerelda. \$35.00

BUTTERFLY HOUSE (Robarts'99) TB Space Ager, M, 35". Warm white Self with tangerine beards that end in large, upturned white flounces. Style arms are pale yellow. The slightly fragrant flowers are nicely formed and ruffled; the flounces develop consistently and uniformly, and the whole makes a very attractive picture. Stalks are well branched with good bloom succession. Sets seed very readily. Barley Green X Bearded Wonder. \$35.00

EMBRACEABLE YOU (Stahly '99) TB, ML, 38". Standards are buff-pink (RHS 16D to 36D); falls are ivory white with a narrow buff-pink rim and reverse; deeper buff-pink on shoulders and styles. Bright orange-red beard (30B). This has pleasing ruffles, light lace, and wide parts. Seven buds. Sdlg. 92-76: Halo in Orange X (Sun King x Marmalade). \$35.00

SIBERIAN IRISES:

ACTIVE DUTY (Stahly '99) SIBERIAN, M, 37". Deep wine red (near RHS 80A but deeper) standards and falls; styles slightly lighter with deeper midrib. Falls 1 1/2" wide and rounded, flaring-arched. Standards 1" wide, carried at 45°. Color is deeper and with less blue than its parent. Green signal with slight blue halo. Easy and vigorous grower; one side branch, usually five buds. Sdlg. 92-36: Temper Tantrum X unknown. \$35.00

FROSTED EMERALD (Stahly '99) SIBERIAN, ML, 26-30". White standards are wide and ruffled, near horizontal; white styles are wide and feathered with a yellow-green midrib. Falls open pale green, fading to very pale green; strong green signal area. Falls are wide, arched, moderately ruffled. Usually one side branch and three or four buds. Sdlg. 93-49: Snowy Mountain X Bellissima. \$40.00

Please include \$4.00 for shipping. No catalog, but a price list of our previously introduced varieties is available. Write if interested.

Iris in Germany

From the U.S. and France

by *Susanne Weber, Germany*

IN GERMANY WE DON'T HAVE NURSERIES WHICH SPECIALIZE ONLY in irises and hemerocallis as in the United States. In France there are three or four such nurseries.

The perennial plant nursery of Gräfin von Zeppelin, where I have worked for fifty years, is exceptionally diverse. In addition to the specialties of iris, hemerocallis, peonies and oriental poppies, about 2,500 different kinds and species of perennial plants are propagated and sold. This is why the quantity of all iris varieties sold usually does not exceed five hundred, and we thus try to keep our stock limited. If we buy ten new varieties, ten older ones must be eliminated. During the last few years we noted that there are several very similar new varieties, especially in certain color ranges, e.g. mulberry-violet (LOYALIST) and apricot-orange (FIRESIDE GLOW). It requires several years of observation to find out the really best cultivars. Old reliable varieties should be preserved, and I'm delighted when I find an iris such as BABBLING BROOK or AMETHYST FLAME in a modern catalog.

German taste differs from that of some other nations, and only a few people are fond of mixed colors and blends. THORNBIRD would never have won the Dykes Medal in Germany. Most of our customers prefer clear, shining colors and selfs or bicolors such as amoena and variegata.

The selection of foreign hybrids of the last ten to fifteen years which I discuss in this article is naturally a personal one, but it also represents the choice of our staff and customers here in Germany.

Some of the Best Cultivars of Cayeux (France)

For many years we have been observing with interest the advances of irises in the French colors—bleu, blanc, rouge—by Jean and Richard Cayeux. The lightest variety with white standards, a nice lavender-blue border around white falls and an orange beard is REBECCA PERRET ('92) which has perfect branching. Its "brother" MARBRE BLUE ('93) has blue violet falls with white at the hafts and many blue veins and a deep orange beard. We prefer the third "brother" BAL MASQUÉ ('91) with deep violet falls, white at the hafts and also violet veins and a bright orange-red beard. PARISIAN ('94) has the same colors but the falls are

a deep lavender-blue and the beard is a shining red. HORTENSE C. ('91), named for the little daughter of Richard Cayeux, shows white standards with a rosy shimmer, and the falls are a velvety deep violet with an attractive red beard—branching, proportion, and the number of buds are excellent.

In the spring of 1998, my expectation of the first flowering of RUBAN BLEU ('97), the top creation of this Cayeux line, was realized. The falls really are more blue than the others in this “family”, and the two flowers withstood a very heavy rainstorm.

A great surprise was MER DU SUD ('97), not only because of the clear medium blue color with a light blue beard, but also the delightful, long lasting flowers on the young plant. Inasmuch as this iris is a child of DUSKY CHALLENGER, I suspect it has inherited other good attributes. See photos: page 34.

ANDALOU ('95) is a top iris among the variegatas with a very clear contrast of the bright yellow standards and the velvety brown-reddish falls. Here it is planted next to other variegatas, and you can see the improvement. The bright fiery orange FEU DU CIEL ('93) competes very well with the American varieties FIREBREATHER and FIRESIDE GLOW, and it seems to grow very well; it won a high award in Courson in France. Another novelty by Cayeux is AMBROISIE ('97), a child of the rose HÉLÈNE C. (a 1994 introduction of Richard Cayeux). It is a deep raspberry-mulberry red with a raspberry-copper beard. Very distinctive!

An extravagantly showy iris for experts and artists is TERRE DE FEU ('97). It has copper-red standards and copper-brown falls with a large violet spot, and the whole flower is powdered with gold dust.

Irises from the United States

Here I think the most successful hybridizer is the Schreiner family in Salem, Oregon. They corresponded with Gräfin von Zeppelin for about seventy years, and she received a lot of wonderful and reliable irises up to World War II and again after 1948. My personal preference is the color blue, and the Schreiners have an immense number of perfect blue varieties which grow very well; most of them are resistant to bad weather conditions.

An old variety I would not like to be without is SAPPHIRE HILLS ('71)—a classic beauty. It was Jean Cayeux who recommended the very rich flowering HONKY TONK BLUES ('88) to me; it is a distinctive blue that you can recognize among all the other blue irises. RAPTURE

IN BLUE ('90) and STAR SAILOR ('97) are among my favorite sky blue irises. In the spring of 1998 COLOR ME BLUE ('97), with nice ruffled flowers, a creamy white beard and a sweet fragrance, flowered for me for the first time. The wonderful YAQUINA BLUE ('92) is a deeper blue tone between sky blue and azure. The ultramarine blue BREAKERS ('86) attracted attention in several gardens in England. In 1993, the deep blue BLENHEIM ROYAL ('91) achieved the award for the best sale value in Florence.

We have a lot of new nearly black varieties, and it is difficult to choose the blackest. For years SUPERSTITION was the one here; it had a top position and I still like it. Now we have DUSKY CHALLENGER ('86), Dykes Medal winner in 1992, and NIGHT RULER ('90), with large, nice ruffled flowers, and much admired by our visitors. In 1998 I saw OLD BLACK MAGIC ('96) - black velvet with a little reddish shimmer and dark brown beard - for the first time. BLACK TIE AFFAIR ('93) and HELLO DARKNESS ('92) are irises I noted in Schreiner's Gardens in 1994, and I thought them to be the blackest - and that includes the beard. Now we are looking forward to BEFORE THE STORM (Innerst 1989) which received the Dykes Medal in 1996 and is a child of SUPERSTITION.

SILVERADO ('87), Dykes Medal winner in 1994, is a silvery bluish-white iris with all good attributes - one of the most ordered irises here. The early flowering PROUD TRADITION ('90), with broad hyacinth blue falls and silvery blue standards is an eye-catcher in the border beside early rosy peonies.

Besides the wide ranges of blues, an enormous number of different colors comes from Schreiners. JAZZED UP ('94) has white standards and deep rosy lavender falls with a white beard. Here it is planted beside Cayeux's JOLI COEUR ('92) in the same color but with a tangerine beard.

ROSETTE WINE ('89) in deep raspberry-orchid rose with a distinctive white spot and wonderful branching is admired by our visitors. LOYALIST ('86), SULTRY MOOD ('89) and GYPSY ROMANCE ('94) are a shade deeper with bluish-violet shimmer and luminous power. THRILLER ('88), in uniform aubergine purple with a dark beard, is very spectacular. CHAMPAGNE WALTZ ('94), with yellow-apricot standards and creamy white falls with a nice yellow band, has a tangerine beard. It won the Premio Firenze in 1997. CITYSCAPE ('97) is the same color combination but more apricot than yellow. Very new for us in 1998 was FALL FIESTA ('92) which has creamy white standards, falls in

amber tan tones, and a light yellow beard.

Of all the dark red irises, we prefer WAR CHIEF ('94) which has a striking yellow beard and flowers freely. It does not fade in the hot sun. We saw SATURDAY NIGHT LIVE ('96) for the first time in 1998; it is a more mahogany red and the flowers are enormous and ruffled.

The most surprising color combination was the early flowering LET'S BOOGIE ('97), a gift from the Schreiners. It has light apricot standards and deep aubergine-purple falls with an apricot spot and red veins under a tangerine-red beard. It is much more colorful than the catalog photo. What a pity that its flowering was over when most of our visitors came!

Some tall bearded favorites of other hybridizers which I think are very important include CONJURATION (Byers '89) and NEUTRON DANCE (Blyth '87). CONJURATION won the Premio Firenze in 1993, and the American Dykes Medal in 1998. I like this late flowering iris with high, well branched stems and eight to ten nice medium sized blossoms. It has clean, white standards tinted with rosy violet spots; falls that are white with broad amethyst violet edges; and tangerine beards with white horns. NEUTRON DANCE, a yellow amoena, is my favorite from Australian hybridizer Barry Blyth. There is sharp contrast between the white standards and bright yellow falls. The first yellow amoena, PINNACLE by Mrs. Stevens, came from New Zealand in 1949. What an enormous development in fifty years!

Our best selling pinks are VANITY ('75) and BEVERLY SILLS ('79), both Dykes Medal winners and both hybridized by Ben Hager, but a real eye-catcher is the border bearded PINK BUBBLES (Hager '80), with numerous ruffled, pink flowers. I particularly like Hager's iris EDITH WOLFORD ('86), Dykes Medal in 1993, because I met the sympathetic and ready-to-help- patroness whose name was given to this iris.


In 1997 I received some novelties from Clarence Mahan CLARENCE (Zurbrigg '91) is an astonishing near amoena-luminata with white standards tinted by light lilac and a deep white wash and beard on the purple falls. It attracted attention from our visitors. We are eagerly waiting to see whether CLARENCE, ROSALIE FIGGE (McKnew '93) and SUKY (Mahan '91) will rebloom here. ROSALIE FIGGE is a dark purple. SUKY is a violet with large white "zones" on the standards and around the beard on the falls.

We observe all interesting new iris varieties at the nursery for three years before we select the most reliable and best growing cultivars for introducing in Germany. We have a large number of small gardens in

Germany and so it is important for us to be able to offer a selection of intermediate bearded, border bearded and miniature tall bearded irises. Interest in these irises is increasing. The Aitken's varieties grow very well here and provide an abundance of flowers. The IB, HOT SPICE ('89), is an eye-catcher among the early irises. It has chocolate brown standards and bright yellow falls with yellow stitching. MAID OF ORANGE ('89), a BB, is bright orange and has a long flowering time. Other attractive Aitken BBs are SUNNY GLOW ('94), an apricot with a deep orange beard; the dark red CRANAPPLE ('95); sky blue MAUI SURF ('90); and deep violet MAUI MAGIC. These are "must have" varieties.

The Aitken TB which I prefer over all others is ISLAND SURF ('94). I consider it the top reverse amoena with blue standards and nice frilled bluish-white falls and a dark blue beard. RAKU BLAZE ('96) is an exciting TB with brassy yellow to brown standards and copper falls with an intense violet blaze. This is a variety for specialists and is somewhat similar to Cayeux's TERRE DU FEU.

After the Oregon Convention in 1994, we received from the Craigs their charming MTBs PAYOFF, which has white standards and purple falls, and RAVE REVIEW ('92), lavender and pink; and BOUQUET MAGIC ('93), a TB with white standards and purple falls edged in white.

This past year we again received some interesting new iris cultivars, and so we are looking forward to the iris season in 1999! 

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1999 INTRODUCTIONS

GOOD HUMOR (Shoop) TB, ML 38" (inv. Orange Burst, Dream Affair, Blazing Light, Dutch Magic, Blushing Duchess, etc.) Blended purplish rose, apricot rose bitone, solid red beards. A happy iris! #91-27. . . . **\$40.00**

LEADING LIGHT (Shoop) TB, M 36" (((Orange Burst x Fancy Lady) x sdlg.) X Private Treasure) Standards primrose shaded peach; falls bright lemon yellow with small but eye-catching white spot. #92-18. **\$40.00**

LONELY HEARTS (Keppel) TB, EM 36" (Dawn Sky X Screen Play) Pinkest-ground plic we've seen... falls with rosy amethyst shaded and dotted band, coral orange beards. #91-86H. **\$40.00**

LOTUS LAND (Keppel) TB, M 36" (Broken Dreams sib) Buff pink with suede-like finish. Good breeder. #92-97B **\$40.00**

SEA POWER (Keppel) TB, M 38" (Yaquina Blue X Jazz Me Blue) Cornflower to campanula blue, paling to light chicory blue at margins — which then accentuates the heavy ruffling. Voted favorite seedling at 1998 Region 13 spring meet. #93-89B **\$50.00**

SILK BROCADE (Keppel) TB, EM 35" (((Highland Haze x Change of Heart sib) x (Ever After x Lorilee)) X Dawn Sky) Creamy white ground, bishops violet plicata markings applied in near-solid marginal strips of fine dots. #91-88B **\$40.00**

SUSPICION (Keppel) TB, M 38" (Wishful Thinking X Spring Shower) Envy green-yellow, tattletale grey in standards. #93-83H. . . . **\$40.00**

TANGLED WEB (Keppel) ML 37" (inv. Rosarita, Rancho Rose, Gigolo, Foreign Accent, etc.) Dark prune to eggplant plic, rattan fall blaze partially hidden by markings; beards violet and pumpkin. #91-11 8C. . **\$40.00**

WILD WINGS (Keppel) TB, EM 34" (Night Game sib X Romantic Evening) Very dark violet standards, smooth black falls with clean hafts and rusty terra cotta beards. Lovely liting form as if poised to take flight. A favorite with visitors. #93-72A **\$45.00**

BISTRO (Gatty) IB, EML 27" (Quote X Keppel bitoned brown plic sdlg.) Goldenrod; near-solid buckthorn brown fall wash. #Y-8-6. . . . **\$20.00**

BRIGHT CHILD (Keppel) SDB, E 10" (Firestorm X Quote sib) Clear lemon yellow to chrome glaciata. #92-10A. **\$15.00**

GIMMICK (Keppel) SDB, EM 11 " (Rusty Dusty X Quote) Exceedingly dark port plic, small lemon yellow fall blaze. #91-57P. . . . **\$15.00**

MOCHACCINO (Keppel) SDB, M 12" (Quote X sib) Warm brown, falls with a large dollop of whipped cream in the center. #91-53B. **\$15.00**

MUSIC (Keppel) SDB, EM 12" (Tweety Bird X Gigolette x Fairy Lore)) Apricot buff, red violet fall markings, fire red beards. #94-23A. **\$15.00**

SNICKERS (Keppel) SDB, M 14" (Gimmick sib) Blended honey brown to caramel plic. Best seedling, Vancouver 1998 show. #91-57Z. **\$15.00**

SPREE (Keppel) SDB, M 15" (Jade Jewels X Chanted) Cyclamen to coronation purple, bluer blaze and beards. #91-25L. **\$15.00**

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Catalogue \$2.00 — deductible from order.**

Culture Corner 1999

Update

by Terry Aitken, Washington

IN THE FOLLOWING, I AM USING "CHEMICAL" IN THE BROADEST sense of the word. Water, soap and compost are chemicals every bit as much as fertilizer, insecticides and fungicides.

Too much water can rot some irises; alkaline water will kill Japanese irises. Soap will kill beneficial insects as quickly as pests and compost can pollute as easily as fertilizer. We need to understand the implication of using any and all of these "tools of the garden trade" which enhance our ability to live in harmony with our gardens. All of us, back yard gardeners and commercial growers alike, are motivated to use as little of any of these elements as we feel is necessary to get the job done. When using any chemical, always follow manufacturer's instructions. It is a good idea to do a "test spray" on a small area first.

For backyard gardeners, many of the techniques usually identified as "organic" may work just fine to keep pests and diseases to a minimal nuisance. Commercial growers, shipping internationally, certify that their plants are pest free and disease free. This requires more judicious control and is in the best interest of irisarians world wide.

Disease Control

- **Leaf Spot:** Use two or three of these in rotation at three week intervals: *Daconil*, *Bayleton*, *Cleary 3336F*, *Benlate*, *Zineb 75*, *Kocide 101*, *Rallye*, *Funginex*.
- **Soft Rot:** Scrape away damaged tissue.
 1. Drench with liquid bleach (can be diluted with water)
 2. *Agri-mycin 17* or *Agricultural -Streptomycin* (for severe cases)
- **Crown Rot (Beardless):** *Subdue*, *Cleary 3336F*
- **Botrytis (root rot):** *Terraclor* (use as a drench)

Weed Control (Best applied during active spring growth)

1. *Roundup*. Great on grass, dandelions, chickweed. Ineffective on clover, except in stronger doses. Most effective in early spring. Watch out for "drift" on iris foliage which can be harmful if not fatal to the plant. (See *Bulletin* article, page 9, Oct. '98.)

2. *Ornamec, Poast, or Envoy, Vantage*. Selectively kills most types of grass. Can be sprayed on iris clumps. **(Do a test spray first!)** Very slow acting, so start early in spring, when temperatures are above 50° F.

3. *Confront, or Stinger* (restricted). Kills thistles and some broad leaf weeds quickly and permanently. Does not harm grass. Rumor has it that they do not harm irises. **(Do a test spray first!)**

4. *Manage* (Monsanto). For Nut Sedge. Very expensive. Alternative is to brush *Roundup* concentrate directly onto the foliage.

Pre-Emergence Weed Control

1. *Surflan*. For bearded and beardless irises

2. *Princep* or *Simazine* (same thing). For bearded irises only—*do not* use on beardless irises! Alternate use of (1) and (2) every six months, bearded irises.

(Warning: do not use *Casoron*. It stunts irises!)

Insect Control

1. *Orthenex* (mixed with *Funginex* for insect and disease control). Systemic

2. *Cygon IIE (Dimethoate)*. Systemic. Effective for about three weeks

3. *Marathon*. Systemic

Apply at three week intervals, or as needed. Add liquid detergent as a stickative.

4. *Soap*.

5. *Naturalis-O*. A contact fungus that attacks insects. This is a sticky material that must be sprayed weekly on underside of leaves.

6. *Beneficial Insects*. Expensive and only moderately effective.

7. *Beneficial Nematodes*. Expensive and only moderately effective. (See *Bulletin* article, page 35, Apr. '98)

8. *Nemacur*. Control of parasitic nematodes. (See *Bulletin* article, page 25, Jan. '97). Restricted, but easy to use. (Not in CA)

9. *Marigold Golden Guardian*. For control of parasitic nematodes. (See Park Seed Catalog, or call (800) 845-3369)

Other Cultural Features

- Mulch on beardless irises, but not bearded ones. Bark chips, straw, pine needles.

- Remove spent bloom stalks to prevent bee cross seedlings from contaminating the flower beds. *Do not* cut back green foliage.

- Water as needed to maintain growth in irises, except Spurias and Arils, which prefer to nap in the summer heat.

- Fertilizer:

- Fall: low nitrogen, if any
- Spring: 10-10-10, one month before bloom. (Run soil test for more accurate advice.)
- At transplant: Rapid Gro (short term, quick release). (Never fertilize newly transplanted Japanese irises.)
- Add alfalfa (pellets) at 80 lbs per 500 sq.ft, worked into the root zone at transplant time.
- Run soil test for more accurate advice.
- *Bone Meal*: avoid using with Japanese irises. It may kill them!

Silicone Cure All?

Food for Thought...

The Dyna-Gro Corporation is promoting a fertilizer call *Pro-TeKt* which may be the answer to every iris grower's prayers. It is a liquid that provides supplemental potassium (3.7%) and Silicon (7.8%). Benefits include greater tolerance to environmental stresses, such as heat, drought, salinity, mineral toxicity or deficiency, and improved resistance to insects and fungi, such as powdery mildew, leaf spot, and Pythium. Silicon is also deposited in the cell walls of roots where it acts as a barrier against the invasion of parasites and pathogens.

This material is highly alkaline (pH-10). Avoid use on Japanese irises.

For further information contact the Dyna-Gro Corporation, 1065 Broadway, San Pablo, CA 94806, phone (800) 396-2476.

In Canada: Dyna-Gro-Canada (604) 272-027.

In Australia: P & R Orchids 065-831650. ☞

1999 Introductions By the Late Franklin Carr

Unfinished Business- TB 46" M One of the last crosses Franklin made, obtained by us before he saw it bloom Standards and style arms are pale violet, narrowly edged darker violet. Falls are rosy purple, with a lighter violet edge. Hafts marked white and brown-, orange beards; rosy purple spoons. Great branching and bud count! EC 1998 \$35

Pilgrim's Quest- TB 36" M Stds. light bluish violet turning darker at throat; violet veining. Falls white turning bluish violet in throat; white beard, yellow in throat. \$35

Color Brochure available upon request.

Write To: William and Martha Griner

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FRIENDSHIP GARDENS

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1999 INTRODUCTIONS

CONFEDERATE CAVALIER (Jane McKnew by J. Roberts '99) 36" (91 cm.) M. Sdlg. 99-39. Laced and heavily ruffled confederate grey with gold haft markings and a faint gold trim on the edges of the falls. The beards are gold, tipped grey. EC '91. Moonlit X Visual Arts. **\$35.00**

IO (Jane McKnew by J. Roberts '99) 36" M. (91 cm.) Sdlg. 89-7. Beautifully ruffled flaming yellow space age iris. The beards are deeper yellow with white horns. Excellent branching with 12-16 well placed buds which ensure a long bloom season. All of this is complimented by a pronounced sweet fragrance. Best Seedling '91. Copper Lace X Hands Up. **\$35.00**

LOVELY FRAN (Weiler '99) Sdlg. 88-135A-RE. 36" (91 cm)- EM- L & RE. This neglecta plicata has light blue-violet standards with white falls prominently stitched and stippled with dark blueviolet on the edges. Sturdy stalks produce 34 branches bearing 8-11 buds for a long bloom season. Dependable and abundant rebloom comes late in summer to autumn's end. Great vigor, rapidly producing clumps. RE in CA, MD, PA (zones 6,7,9). Avalon Bay X Earl of Essex. **\$35.00**

SET SAIL (Zurbrigg '99) 35" M. A neglecta or blue-violet bitone, suggestive of an amoena, with spoons or little flounces on all blossoms. Lovely form with good substance, stalks and branching. The plant is fertile both ways, and is giving excellent offspring. Renown X Mesmerizer. **\$35.00**

UNCHAINED MELODY (Mahan '99). Sdlg. 88801. TB, 36" (91 cm), EM & RE' (Sept/Oct.). Ruffled white self with flaring falls; white beard tipped yellow. **HARVEST OF MEMORIES X SOAP OPERA**. A very dependable cold climate rebloomer combining the strong remontant characteristics of its grandparent, **CORN HARVEST**, with the fine form of Joe Ghio's **SOAP OPERA**. Until now, the best modern white cold climate rebloomers have been dominant whites out of violet lines. This new white iris offers outstanding breeding potential for attaining improved orange, brown, variegata, red and pink rebloomers. RE: CA,PA,VA (zones 6,7,9). **\$35.00**

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Compost or Snake Oil?

To Compost, or not to Compost?

by Terry Aitken, Washington

COMPOST APPEARS TO BE THE SOLUTION TO MANY GARDEN soil problems. If your soil is heavy clay, add compost! If your soil is sandy, add compost! One of the big problems with any organic product is that you really don't know what you're getting. What is the content analysis? The strength? The age? Even if you make it yourself, you don't really know the makeup of the end product.

We have added substantial quantities of alfalfa meal to our fields each year. [See *AIS Bulletin*, October '96, p. 45.] Our plants have responded well. Last summer we noticed that the ground was cracking as it dried between weekly waterings. We thought this must be the result of the fact that the alfalfa was being completely absorbed or used up between application time in late August (transplant season) and the following summer. We felt that the addition of organic fibrous material would remedy this situation—and that spurs me to write of my experiences with other forms of compost over the years.

One year we brought in a 30 cubic yard truckload of finely ground bark dust. This is not "compost" in the traditional sense, but it does provide instant fiber for moisture retention and improved tilth for our very fine river-bottom loam. Traditional wisdom indicates that the decomposition of the bark fibers will rob the plants of nitrogen; my rationale is that with 3 to 6 feet of annual rainfall, we lose a good part of our nitrogen anyway. We compensate for this in the spring by using high nitrogen lawn fertilizer. Of course, areas with less rainfall don't have this problem. Our plants have done just fine with this system.

Another year we decided to purchase several dump truck loads of compost from a recycling organization. It was highly touted as being "free of heavy metals" (whatever that means!). As we spread this wonderful looking material on the fields, we occasionally noticed the glitter of shards of broken glass. Then, as we began to focus in earnest, we found lots of broken glass. But glass is an "inert material", right?! For the past five or six years, we have had coffee cans strategically located around the fields for collecting glass shards. *Snake Oil!*


With the rapid growth of recycling facilities around large urban areas, more and more good local compost sources will be available. You simply need to do a sampling or trial run, so you don't repeat our mistake with a large batch that contains glass!

We have had compost arrive steaming hot—too hot to handle, and too “green” to use. This can be stockpiled for later use after it has cooled down. We have had the best results with well-aged compost from a local mushroom-growing plant; delivery distance is the main logistical expense, but this is a fine source if you have one near you.

Farms are doing a better job these days with “controlled composting”. This consists of stockpiling on concrete floors and with raincovers to prevent leaching into the groundwater and drinking water sources. Again, it is important for you to get to know your local source and inspect the facility.

We also compost our own plant material—leaves, grass clippings, etcetera. We have a “dump area” which by transplant time grows into a pile about the size of a dump truck or two. In the fall, we level it with a tractor, then rototill with existing soil. If we ever suspect that there is a soil-borne problem, we take soil samples to a lab for testing, and we apply *Terraclor* as a probable solution until the real culprit is identified. I theorize that most diseases and insects were here long before the irises arrived, and they'll be here long after we're gone. We just have to apply our best cultural practices and live with them!

Ortho publishes a very good book on composting, called *Improving Your Garden Soil*. It should be available at your garden store, and I highly recommend that you pick up a copy if you are interested in this topic.

If you were to ask me: “Can you have too much compost?”, my answer would be “Not in my experience”. 

Walter A. Moores

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Show Prep for Beginners

10 Steps to your First Iris Show

by Terry Aitken, Washington

AS WITNESSED BY THE RASH OF SHOW RESULTS IN THE January *Bulletin*, bloom season brings out the exhibitionist in many of us. Actually, an iris show is an opportunity to share the exquisite beauty of an exceptional specimen with friends and future friends. Enthusiasm is infectious, so spread it around! Each year, AIS is joined by approximately 1500 newcomers, and many of these “new friends” will be testing their wings on the exhibition benches. Following are a few suggestions to help them succeed.

First, when selecting stems for show specimens, go into the middle of an iris clump where the stems are straight upright and flowers are parallel to the ground. Too often, judges see curved stems—a flaw that cannot be corrected on the bench. Curved stems can be dramatic and beautiful in a flower arrangement, but are a fault in a show specimen.

Second, select stems from two-year-old iris clumps. Almost any garden perennial puts on a superior performance in its second year. This will be evident on the showbench through better branching and increased height and bud count.

Third, select stems for *cleanliness*. They should be free of bugs, dirt, brown tips, or any other damage. A perfectly clean stem can become a candidate for Best Specimen of Show. Specimens are supposed to be graded on a point scale, and 90% is still a blue ribbon, so a less-than-perfect stem might still earn a ribbon—but why not improve your chances? (Some judges will take issue with me on that! Others may argue that there is no such thing as a perfect specimen. Life is too short for this debate!)

Fourth, ask for help from the veterans in your local club. They can give you hints on how to minimize minor flaws. They may suggest trimming damaged foliage with a very sharp blade, or they may give you hints on removing dirt or spent flowers.

Fifth, when you are ready to present your flowers, check each bloom for *freshness*. The first sign of a flower’s aging is transparency around the edges of the falls, and you can be sure that the judges will spot it immediately and deduct points. If one of your flowers is displaying this fault, it is probably best to remove it very carefully from the stem so that

nobody can tell that it's missing.

Sixth, give some thought to how you will transport your plants to the show. With time, all of us invent our own ingenious methods of getting flowers to a show undamaged. Just keep in mind that stems have a tendency to swing and sway with every ripple and turn in the road. Keep your prize specimens away from the windows and each other. This is no easy job!

Seventh, keep your cool. Keep telling yourself that you are doing this for fun, and to share beauty with your friends. Show setup can be a tense time and nerves tend to fray as setup deadlines approach. This is normal for all of us; just take it in stride, and remember that your friends are just as tense as you are.

Eighth, please give the judges the benefit of the doubt for exercising their best judgment. Many show decisions are very difficult because the judges are asked to compare apples with oranges, or to weigh the relative importance of different flaws. It is always wise for a Show Chairperson to set up judging teams of three (or some other odd number), so decisions do not end in a tie vote.

Ninth, go home with the attitude that you are now a wiser person and have learned from your experiences. Make up your mind that you will do an even better job at the next show. Part of that improved performance will be accomplished by applying better cultural practices to all of your perennials. (Read more in the **Culture Corner**.)

Tenth, get involved. Obtain a *Handbook for Judges and Show Officials* from the AIS Storefront so that you know what the judges are looking for. Encourage your local iris society to have a program on show preparation. Volunteer to clerk at the show so that you can learn from the judges' discussion.

May all your shows be wonderful! 

Roberts Backyard

Introductions by Merle Roberts

101 Banks, Grand Coulee, WA 99133 (509) 633-0715

WIDDERSHINS (M. Roberts '99) Sdlg. I-103A: (Bogota X Chocolate Marmalade). TB, 32". Strong coloring that will grab your attention. 1" white flash below orange beard, honey yellow falls with 1/2" border of burnt honey brown. Standards rose brown. Strong grower with lots of buds and increases. Can be viewed on the Internet at <http://www.televar.com/~irisbuff/>. **\$30.00**

Enclose \$4.00 for shipping. Previous introductions *SHOPTALK '97* and *COLUMBIA SPRINGS '96*, will send upon request with order.



ZEBRA GARDENS

9130 NORTH 5200 WEST
ELWOOD, UTAH 84337-8640

Phone: (435) 257-0736 Fax: (435) 257-4660
E-mail: zebrairis1@aol.com

Kathie and I deeply appreciate your understanding and help while we "enjoyed" an iris crop failure (Too wet and cold) last year at our "gnu" location in Elwood. Thankz to all the folks who returned our National and Regional Convention irises, we planted adequate stock and should have all our intros available except VIOLET TIGER. All your 1998 coupons and gift certificates will be honored again this year, and if you need replacements from 1997 orders, please let us know.



*Up to our "alligators"
in MUD!*

This year we've added an introduction from Jared Harris to those of Don Nebeker and Hynam Ames for a total of 11 intros this year.

Our "gnu & improved" catalog has a color insert for more pictures, and so of course, we want your help in paying for it! Thus when you write for a catalog, Brad would appreciate a \$3 donation towards his photography lessons. (Frankly, I believe it's a lost cause, but I guess we'll keep humoring him.)

All orders of 2 or more irises from this ad are **postpaid** (\$5.00 shipping for just 1). **Order all 11** for just \$199.99 and **save \$155.**

AARDVARK ANTICKZ (*Kasperek '99*) **IB 21" M.** Charming "buggy" blend! Lightly ruffled gold, tan & grayed yellow blend, silver-white inclusions, generously peppered in purple "antz". Purple ribbed, yellow style arms and orange beards. 5-6 buds.

Quicken X Gnu Flash (sdlg. 94B-52A) \$25.00

AFRICAN WINE (*Kasperek '99*) **MDB 8" M.** Elixir of the Gnuz! Flaring, lightly ruffled opulent burgundy falls edged in cabernet, topped by cabernet standards and tan & wine style arms. Brunt orange beards tipped lavender. 2-3 buds.

Orange Tiger X 92M-6T (sdlg. 94M-64A) \$15.00



*Brad says his photography will get
"better"
if he just buys a macro lens.
(Oh sure!)*

ALPHA GNU (*Kasperek '99*) **Species X 22" VE** (with SDBs). A "gnu" beginning! Red-violet streaked silver-white self. Falls reflect the aphylla parentage and beards are light yellow beards. 4-6 buds.

Batik X Ostry White (sdlg. 94-13-20) \$25.00

ANACONDA LOVE (*Kasperek '99*) **BB 24" ML. Heartstrings squeezer!**

Clean light pink standards, faint silver-white streaking. Ruffled, satiny, beet-root red falls streaked in shades ranging from light pink to silver-white. Lightly laced, beet-root & pink style arms, orange beards, 7 buds
92B-56R X Tanzanian Tangerine (sdlg. 94B-43B) \$30.00

BEVERLY IN WHITE (*J. Harris '99*) **TB 30" M. Gorgeous, laced, Beverly Sills' sport!**

Heavy lace adorns substantial white standards and semi-flaring falls. Light coral red beards combine with a soft pink glow emanating from the throat to complete this sensual delight. 7 buds.

(Sport collected in D. Pinegar's Spanish Fork Iris Garden) \$40.00

GRAPE SNAKEZ (*Kasperek '99*) **TB 37" M. Stalks! Buds! Closed standards!**

Toffee standards, light silver-white streaking and purple flecks, toffee & grape style arms repose upon semi-flaring ruffled, grape purple falls with cream and silver-white streaks. Dark gold beards, 7-10 buds. (Sorry, no rattlez.)

Bewilderbeast X Gnus Flash (sdlg. 94B-34D) \$40.00

RHEA PEERZ (*Kasperek '99*) **IB 21" EM & RE. Fall rebloomer, zone 5 !**

Creamy, light chartreuse-yellow standards, ruffled, flaring lemon-yellow falls, deeper yellow on shoulders. Yellow style arms and beards, 5 buds.

Grace Thomas X Ditto (sdlg. 92R-42A) \$25.00

ROSE D'MAI (*H. Ames '99*) **TB 32" M. Ruffled, dusty blue-rose self!**

Falls are semi-flaring, light lavender surrounds rose beards. Style arms have matching light lavender mid-rib. 7 buds.

Rosecraft X Fara Morgana (sdlg. A907) \$35.00

SERENGETI SPAGHETTI (*Kasperek '99*) **TB 32" M. Too many blooms!**

Rhizomes like to produce multiple stalks covered in flowers possessing clear dawn pink standards with muted silver-white streaking. Ruffled, semi-flaring, dawn pink falls with modified silver streaking have a "netted" pattern of spirea red and beet-root purple overlay. Lightly laced orange-red style arms, tangerine beards. 7-20 buds per rhizome.

Bewilderbeast X Tanzanian Tangerine (sdlg. 94B-25A) \$40.00

SKYETOUCH (*D. Nebeker '99*) **TB 36" ML. Gleaming fluffy cloud !**

Ruffled, brilliant clean white standards float above brilliant white falls banded with a 1/4" Veronica Violet halo fading to white at about 3/4". Style arms white tinted violet. Orange beards, 7 buds.

Nebeker 994-3 X Delightsum (sdlg. N1100-7).....\$40.00

TRICERABOTTOMZ (*Kasperek '99*) **TB 30" M. Tri-colored foliage!**

The foliage is streaked in white and light yellow-green, my most stable pattern yet. Modern, substantial, light Egyptian-buff flowers, in cool weather develop faint amethyst violet overlay. Toffee beards, 7 buds.

Ensminger sdlg. X Capricious (sdlg. 89F-6B) \$40.00

Bearded Iris Seeds

A Hybridizer's Treatment

by George Sutton, California

A FEW YEARS AGO, WE WROTE AN ARTICLE FOR THE REGION 14 Bulletin about caring for and planting iris seeds. Due to increasing interest recently about our method, we decided to update the information.

Here in Porterville, California, we start collecting seeds in late June as the first pods turn brown and begin to split. As we take the seeds out, we put them in pantyhose legs, knot the hose, tie the cross tag (label) to the pantyhose, then put in the seeds and tag from the next pod, and so on. When the pantyhose legs are full, we hang them in our packing shed to dry. We make sure that they have air circulating around them, to keep them from molding. Mold doesn't seem to hurt them, but I don't like it. We are usually finished with collecting seeds by the first of August.


When all the seeds in the pantyhose have turned blackish brown and are wrinkled we start the next step. We place the full pantyhose legs in a bucket of fresh cold water with a large object such as a rock on top to keep them submerged. The water in the bucket is replaced with fresh cold water every morning for a period of ten days. Then we place the wet pantyhose in a black plastic trash sack. We've tried clear plastic but with poor results. The sack is then placed in the freezing compartment of a refrigerator at 28° – 30°F for about 6 hours, at which point the plastic sack and seeds should both be stiff and frosted. The black plastic sack is then moved to the bottom of the refrigerator, where the temperature is kept at 36° – 38°F degrees until roots form on the seeds, in about 90 to 120 days. The seeds should be checked periodically to catch them before the roots get too long, growing into the stocking fabric. If this happens the roots are difficult to untangle, as we found out!

We have tried many methods of planting the rooted seeds and they all seem to work. Ben Hager once told me that planting directly in the ground was the best method and I believe he is correct, as they root better in the ground. We've tried one gallon plastic pots, peat pots, Styrofoam grape boxes and ground beds. However, we keep coming back to the one gallon plastic pots, as there seems to be more control with this method. They are easier to handle at planting time and there are fewer weeds, plus you don't have the neighborhood cats digging up your seeds.

We fill the pots with a mix of $\frac{3}{4}$ potting soil and $\frac{1}{4}$ *perlite*. Since we started using *perlite* the damping off has stopped. When we do plant in ground beds we “solarize” the beds and then add two inches of the same mix. Then we line out the seeds and cover them with $\frac{3}{4}$ " more of the potting mix. The cross tags **must** remain with the seeds. For cross tags, we have settled on one inch vinyl mini-blinds—the porous, not slick, ones. These have several advantages: they are easy to cut, they don’t cut you, they are cheap, and when you use a black china-marker to write on them, they are legible for four years.

In the pots the seeds are planted about $\frac{1}{4}$ " apart; in the ground beds, they are planted about $\frac{1}{2}$ " – 1" apart. In both cases it is important not to let the seeds dry out. Seeds are watered in, then watered lightly every morning, keeping them damp but not soaking wet. The first seedlings pop up in 7 to 10 days. In three weeks they look like grass. Most of the crosses have a very high germination rate, usually 90% or better.

In theory, these seedlings are lined out in March in our area, before it gets too hot but after any danger of killing frosts. We try to prepare our planting beds in late fall, allowing granular fertilizers of 2-16-16 to be absorbed. The young irises are planted 12" apart in rows 36" apart. As we plant, we staple our vinyl mini-blind tags to 1" x 2" x 12" redwood stakes. Each cross is then given a number which is subsequently logged in a stud book along with the cross, for example, J-1 (Sky Hooks x Shameless). Again, the freshly planted seedlings need to be watered in. All that is left is to watch them grow, weed them, and enjoy the first bloom. Some of the SDBs and reblooming TBs bloom as early as six months after planting in the ground, but most of them will bloom in a year.

Some might say this is a much too involved process; they are probably right. Yet if the seeds develop, they should be given the best possible chance to grow. The whole idea is to have fun and enjoy the whole hybridizing process. I can’t think of too many things that are more enjoyable than watching these beauties, and even the dogs, develop and bloom for the first time. Too many things in life are “have-to’s”: this is a “want-to!” Have fun! 

Seedling Selection

There is a Difference

by Rick Ernst, Oregon

SEEDLING SELECTION AND SEEDLING INTRODUCTION ARE, indeed, in a common chain of events, but their functions are dissimilar. Since I deal primarily with Tall Bearded at Cooley's Gardens, Inc., the emphasis here shall be on them, although the same points could be made when discussing Intermediates, Borders, or probably even other iris species.

We begin with the first year seedling bed. Now, first year seedlings quite often do not bloom, so I leave them planted there for two years. I still call them first year seedlings. If I see the 36 – 38" bloomstalk with nine buds and three flowers open, I am thrilled, of course. But in first year seedlings, this is not always the case. In fact, it is not the norm.

I tend to abuse my seedlings, giving them very little water or fertilizer, and barely keeping the weeds down. While these are poor gardening practices, they are meant to thin the herd. I do not enjoy the "challenge of gardening" nor do I want to sell my customers any challenges. Irises should be nearly care-free.

So which seedlings do I keep? I have come to understand that a first year seedling does not have definite height, branching, bud count or size. While these things are important considerations for introduction, they do not fall into play for initial selection.

I place a flag in the center of each clump of anything interesting. That is, anything interesting that has these two traits: color and form. These characteristics tend to be consistent, whereas the others can vary substantially. What I'm looking for is individualism, or "magic", if you will. It may be just another yellow, or a new pattern I haven't seen before. Either way, if it grabs me, it gets flagged.

Flagged seedlings in my garden, are officially "selects", and will be lined out in rows, hopefully all together, in the planting method I use in the commercial fields. The only difference is that they are planted a little bit earlier, and they are planted by hand. Hand planting is necessary because the quantities are too small to justify mechanical planters, which take more employees to operate.

The next year, I cruise the rows of "last year's selects" looking for that same "magic". Sometimes it's there and sometimes it's not. While the new

color pattern and starchy, ruffled form might reappear, now I need more. I need to see at least some improvement, preferably in height and branch, and if branching is good, I'll count the buds. Normally, too, this second blooming will yield larger flowers. Larger flowers sometimes yield paler colors than the original. It could be that there is a given amount of pigmentation, and spread over a larger area, it does not have the intensity or depth that appeared on the original bloom. I don't have scientific data to back up this theory, but it seems logical.


As I stumble down the rows looking for last year's magic, I place a flag in front of the magic clumps. Now some clumps may only be one or two plants, so they are really not clumps at all, but if other characteristics are favorable, I'll keep them, and look again next year.

These flagged clumps are "reselects", and they will form the basis of my introductions four or five years down the road. Hopefully, there are at least 300 or so, and they will be reselected each year until we have about twelve. This reselecting process will be repeated year after year.

The last reselecting takes place the year before introduction. I get critical on growth and increase here. By now, the Iris should have multiplied itself so that there are at least 150 plants of blooming size. If not, it will either be discarded or given one more year to "redeem" itself. This final selection for introduction should find the iris of a within-class height, with room for variations due to climate and location. For me, a Tall Bearded needs to be at least 32" tall, or else it's not tall enough. Likewise if it's 55" tall, it inevitably will not tolerate wind (the laws of physics apply to iris, too). The flowers should be large and full, with no more than three open at one time. Flower size should be in proportion to the bloomstalk diameter and height, and branching should give a proper, balanced look. Flowers should not tilt inward to or outward from the bloomstalk; nor should they crowd as secondary buds open.

Next, I look down the row; each clump should be consistent in height, branch and general appearance. There is an allowance of 20% differential for mechanical planter variations in rhizome orientation during placement, but these are obvious. Too much deviation between clumps indicates a degree of possible unreliability that inevitably will come back to bite me.

The final step is done indoors, on the only rainy day in May. This is where I find that I only have photography on six of the twelve introductions, and two of those don't look anything like those seedlings in the field bearing the same number. So it's back to the photography, providing a decent flower can be found.

And remember, there are the other selections and reselections to be made, and of course another batch of first year seedlings. I'd better go get more flags! 



Lauer's Flowers

11314 Randolph Road
Wilton, CA 95693

*Send for free catalog of
newer irises of the 90's
at bargain prices*

1999 Lauer Introductions

CLASSIC SUEDE: TB, 34" E-M. Ruffled well branched with 7-9 buds for long bloom season. EC in '96 & '98, best seedling in '98 in Sacramento. S. almond shell brown, F. dark rusty brown veined yellow & rimmed yellow ochre, yellow orange beards.

Sdlg. #91-237-1 \$35.00

DESERT PASSION: TB, 36" M. Bubbled ruffling, 7-8 buds. S. magenta rose, F. violet/purple rimmed golden buff, saffron yellow beards. Sdlg. #88-71-2..... \$35.00

PENNY LANE: TB, 35" M. Large ruffled flowers, 7-8 buds with good branching. S. saffron yellow, F. cadmium orange darker at rim, tangerine beards. Sdlg. #93-334-1..... \$35.00

PINBALL WIZARD: TB, 35" M. Very clean Variegata with 7-8 buds. S. bronze yellow, F. oxblood red, mustard yellow beards. Sdlg. #91-184 \$35.00

VIOLET TURNER: TB, 30" E-M RE. A reliable rebloomer here in October, close branching with 5-6 buds, a great color for the reblooming class. S. violet, F. velvety dark violet rimmed light violet, mustard beards. Sdlg. #91-158-1R \$25.00

Introducing A New Hybridizer

A longtime member of the Sacramento Iris Society, Joyce Ragle has been working with medians for many years. This the first seedling she feels worthy of introduction.

SPRING PASTEL: BB, 24" M. Pale pinkish lavender self with poppy red beards, well branched with 8-11 buds and vigorous increase. Sdlg. #88-14L..... \$20.00

Companion Plants

To Go With Your Iris

by Ray Schreiner, Oregon

A COMMON QUESTION WE HEAR A LOT FROM OUR CUSTOMERS is, "Iris only bloom for such a short time. We would like some color to fill the rest of the season. What can we plant alongside the irises?" I tell them the list is endless if you use your creative skills and personal taste.

You must follow good cultural directions for the irises. Two things are extremely important when planting companion plants. One is to make sure that the companion plants do not shade the iris rhizomes or crowd out the irises. Secondly, give the iris enough room to get direct sun at the base of the plant and also see to it that it gets good air circulation.

At our nursery, we use pansies and Iceland poppies for a low border in front of our iris beds. These bloom almost until frost if the spent flowers are picked off. If you don't take the time to pick off the dead flowers, you can intermix annuals for summer bloom. Alyssum, brachycome, vinca, lobelia and marigolds are just a few. I also like thyme for a nice green mat with a different color hue in bloom and a nice neat performance the rest of the year.

Lupines and delphiniums are good perennial companion plants. The color hues go so well with the irises and give a different texture and style to the garden. As with many perennials, these plants will need to be dug up and divided every so often so that overcrowding doesn't result.

Penstemon is another one of my favorites. We plant the sensation mix penstemon from seed. Most years it will bloom the following summer, and if we have a mild winter, it will bloom the next season, starting at iris time through the rest of the summer. Peonies and oriental poppies are real show stoppers next to the irises. The peonies put on a great flower show, but I think the foliage is almost as great before and after the bloom. The oriental poppies are a fine complement when the bearded irises are in bloom. When the oriental poppy foliage has died back, plant fall asters right next to it to give you color later in the season.

Thalictrum and aquilegia (columbine) add another dimension. In Oregon these bloom at the same time as the tall bearded irises, adding a very lacy and airy perspective. Achillea and artemisia are two more good companion plants for the hot dry climates. They can also take the lack of

moisture. The soft hues of the new strains of achillea add new breadth. Artemisia comes in all sizes from dwarf size to almost shrub-like and complements any plant. Dwarf evergreens with the different color and texture of foliage bring the garden alive in the dead of winter. Heaths and heather also are good edging plants, bringing color and different hues all season. Clematis and roses, as long as they have plenty of space in the border, are also good companion plants.

I planted a bed with spring anemones and ranunculus for the front edge, stuck in a few auricula primroses, added tulips and daffodils along with daylilies and irises. It was a great show bed for months. Late spring I added salvia plants from cuttings that carried the border with color until frost.

It is really up to your own personal taste. The sky's the limit, as long as you remember good cultural practices. I hope you have as much fun playing with your own different combinations. Beauty is in the eye of the beholder. It's your garden. You make the rules; play with whatever pleases your eye, and have fun! 🌸

200 PINE CREEK RD.
WALNUT CREEK, CA
94598



MESSICK IRIS GARDEN

INTRODUCTIONS
by
Virginia Messick

SWING DANCING (V. Messick, '99) TB 37" M88-42.

(Ron x Winterscape X Breakers).

Ocean blue self with buoyant ruffles. Scalloped in medium blue with beards a bit darker. Sports eight well-placed flowers on usually three branches. Good substance. Fertile, fragrant and vigorous. Classic form and especially great parentage!

PHANTASY IN PINK (V. Messick '99) TB 36" M89-71.

(Romantic Mood x Magic).

A lacey pastel self in true clear pink, highlighted with coral beards. The pink falls are lighter in the center and rimmed with the deeper pink lace as in the standards. Delicate looking flowers but of heavy substance and great form. A truly feminine iris with personality plus!

----- \$35.00 each -----

Generous extras

No catalog. Introductions only.

Shipping by Priority Mail \$3.00

Fertile Intermediates

A Shattered Myth

by Marky Smith, Washington

IN THE LATE EIGHTIES WHEN I WAS FIRST HYBRIDIZING, I WAS told (as was everyone), not to waste time pollenating Intermediate Bearded irises because they were infertile, due to their unbalanced combinations of Standard Dwarf and Tall Bearded genes. Being a new kid on the block, I couldn't resist an occasional swipe of the anther on these forbidden beauties, and found that the blanket dismissal was incorrect, for some crosses of IB x SDB set a few seeds.

There has always been an occasional IB that was fertile in various decades. The first people here in the Northwest to take advantage of this in their hybridizing in a planned program were George Shoop and Carol Lankow. George focused on IB x SDB crosses, partly to get his beloved tangerine beards down to the SDBs in quantity. His favorite IB parents were SPRING DANCER ('84), SUNNY HONEY ('85) and DANCIN' ('83), all his own introductions.

About the same time, Carol was crossing IB x SDB as well, but also IB x TB, getting 46 chromosome Border Bearded. These "new" BBs, which were daintier and more proportionate than the existing "short TBs" with their too-large flowers, have become the new standard for the Border Bearded class, and are still best obtained with IBs or MTBs crossed with Talls. Terry Aitken has continued this IB x TB line of work, and I have made a cross or two myself, but so far from seedlings.

Early last spring, the *Medianite* editor, Nyla Hughes, contacted me about Intermediates that might be fertile, and together we decided I should run a test on the IBs in my garden to try their fertility.

Last season there were 33 named and introduced Intermediates in the garden, including some introduced that year (1998). Each was pollinated twice early in the season, with Standard Dwarf pollens, and twice again about ten days later, with Tall Bearded pollens. (See table below for results.) I tried to use pollens that might produce interesting seeds, so matched plicatas with plicatas, and tangerine beards with other tangerine beards, etc.

Whenever possible, named cultivars or seedlings were used which previously had proved to be pollen fertile. (Seedlings with numbers only

are mine.) One surprise was that CHUBBY CHEEKS (P. Black '85) which generally has strong pollen, failed in every one of six crosses. (Perhaps it was too dry or damp?) If this were an on-going test, those crosses should be repeated with new pollen.

All the Intermediates were used as pod parents, and no tests were made for fertile pollen. However, BOLD STROKE (E. Jones '93) is pollen fertile, as I have used the pollen with SDBs, and Terry Aitken reports pods from SMITTEN KITTEN (Aitken '91) this season. Cultivars in italics had "the headache" all season, but ALL of the rest set at least one pod.

IBs as Pod Parent Results when Pollinated Twice

IB	X	SDB	Pods & Seeds	X TB	Pods & Seeds
Angel Heart	X	95-02	x 0	Romantic Evening	1 8
Blast	X	93-13A	2 15 & 13	<i>Sneezy</i>	1 7
Bold Stroke	X	Aitken 92M10	2 29 & 26	Hello Darkness	2 16 & 8
Carriwitched	X	Chubby Cheeks	x 0	Keppel 88-40A	1 9
Chuckatuck	X	Marksman (99)	2 25 & 27	Aura Light	1 21
Country Dance	X	Chanted	1 7	<i>none, 1 stalk, short bloom</i>	
Dark Waters	X	94-11M	2 18 & 37	Hello Darkness	2 28 & 30
Discovered Gold	X	Marksman	x 0	Fashion Designer	2 20 & 8
Donegal	X	Chanted	1 0	Pond Lily	x 0
<i>Fathom</i>	X	Chubby Cheeks	x 0	Yaquina Blue	x 0
Fruit Cocktail	X	Mornings Blush	1 18	Fashion Designer	1 10
<i>Galway</i>	X	Chanted	x 0	Pond Lily	x 0
<i>Geisba</i>	X	Chubby Cheeks	x 0	Keppel 83-8A	x 0
Gnu Rays	X	Ringer	1 18	Keppel 88-40A	1 5
Guru	X	94-25 C	1 30 (lge)	Screen Play	1 18
Imperative	X	Minidragon	1 blind	Romantic Evening	2 15 & 24
Improvisation	X	Chanted	1 34	Pond Lily	1 25
Londonderry	X	Chanted	x 0	Pond Lily	2 6
Lunar Frost	X	Captive Sun	x 0	Aura Light	1 24
Marris	X	96-04 Y	2 28 & 12	Fashion Designer	x 0
Masked Bandit	X	Ringer	1 12	Screen Play	x 0
Ming	X	96-21 Y	2 14 & 4	Answered Prayers	2 14
Moonglade	X	Hoodlum	x 0	Flights of Fancy	1 14
Perfume Shop	X	Hoodlum	1 13	Flights of Fancy	1 7
Prism	X	Chubby Cheeks	x 0	Everywhere	2 18 & 16
Protocol	X	Captive Sun	1 19	Aura Light	2 17 & 12
Sailor	X	Chubby Cheeks	x 0	Keppel 83-8A	2 17 & 18
<i>Season Ticket</i>	X	Marksman	x 0	Fashion Designer	x 0
Sinister Desire	X	Pele	x 0	Romantic Evening	2 3 & blind
Smitten Kitten	X	China Peach	1 34	Pond Lily	1 35
Smitten Kitten	X	Chanted	1 40		
Starwoman	X	Chubby Cheeks	x 0	Keppel 88-40A	2 22 & 13
Tantrum	X	Ringer	x 0	Screen Play	1 10
This and That	X	Midnight Mist	1 7	Everywhere	3 10, 10, 18

The reader will notice that a number of cultivars failed to set pods with SDB pollen. Weather was the most likely inhibitor. During the first weeks of Intermediate bloom, the temperatures for Yakima were considerably above normal, approaching 100°F among the irises some days. The Standard Dwarfs drew to an abrupt end.

Although every effort was made to pollinate freshly opened IB flowers, the heat seemed to be a deterrent for any sets, either from too rapid drying of the stigmatic lip or pollens that were already too dry. Once the SDB season had been “cooked”, the weather turned unseasonably cold. Apparently, cold was far more productive to positive results with the pollens from early Tall.

With some exceptions left to ripen to maturity, I collected the pods early to determine if they were “blind” or contained seed, which was counted and listed above. Previous experience shows germination percentages will be low, about 25% here at best. Nevertheless, the number of successful crosses wildly exceeds the usual allowances for fertility in IBs. It’s probable that any cultivar that set seed here could be tried by other hybridizers with SDB or TB pollen.

After a quick scan of current cultivars, here is a preliminary list of IBs (besides the Shoop irises mentioned above), which have actually produced introduced irises:

- FRIDAY HARBOR (Lankow '89) parent of FRIDAY BLUES (Lankow '97), BB
- HELLCAT (Aitken '83) parent of KONA NIGHTS (Aitken '92), BB and COOL TREAT (Lankow '94), BB, which then produced SNOOPY (Lankow '96), BB and INDIGO DOLL (Lankow '97), a refined BB blue amoena with tangerine beards.
- RED ZINGER (Black '85) has been used several times, most recently to produce SINISTER DESIRE (Black '98), IB, which is also fertile
- SMITTEN KITTEN (Aitken '91), which a friend tells me sets bee pods freely
- LOGO (Keppel '86), which produced TRIVIA ('90) for Keith, and has been used as well by Barry Blyth
- POOR BUTTERFLY (Keppel '91), which gave me several gorgeous 42x seedlings.
- BOLD STROKE (E. Jones '93), has been both pod and pollen fertile for me
- ZING ME (Blyth '90), from which Barry has introduced several Borders, including GENIUS ('96) and its sib SOUL SOUND ('95), FLAVOURS ('96), and another in last year's catalog. In spite of difficult form, ZING ME does carry the SDB spot pattern *up* to the Border class, something George Shoop longed to do.

- PRISM (M. Smith '95) will set pods, as will MING (M. Smith '98), a recessive clear yellow from *luminata* breeding. Additional recent IBs known to be fertile include CHAMPAGNE ENCORE, RARE EDITION, SEASON TICKET, SNOW PLUM and TRIVIA.

What can this accomplish? The uses of these IB crosses are varied. In both cases, breeding “up” or “down”, they should provide a bridge, such as bringing the *I. pumila* spot up to the Border-Tall group, or new TB colors down to the Standard Dwarfs.

For me, there has been enough fertility in the IB x SDB seedlings to continue with SDB crosses at least another generation. Hybridizers should be aware that IB x SDB seedlings may have too-large flowers and too-tall foliage in the first generation, and occasionally in subsequent generations as well.

Intermediates crossed with TBs are producing some of the new Border Beardeds, with daintier flowers and the proportions that the new judging standards for Border Beardeds will require. Again, the seedlings may grow out of class; and the flowers, while daintier, may not have the width and ruffle seen in older BBs, (mostly stubby Talls which did not grow past the BB height limit—or not until the year of introduction, when they disobliged their hybridizer by reaching skyward!)

For the adventurous hybridizer, here is a whole new field of endeavor. If you have two-year-old clumps of IBs, they are ideal for such an experiment, as there are sufficient stalks to produce the pods needed to overcome sparse seed set and low germination percentages.

Perhaps someone could run a test for fertile pollen. There is even the possibility of breeding IB to IB. I have done it with seedlings once or twice. In any case, the list of possible parents should generate new appreciation for the IB class and its capacity.

What next?! 

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Presenting for 1999

CHOCOLATE SWIRL (Tasco '99) SDB, 12", M. Sdlg. #94-13-01
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DREAM EXPRESS (Tasco '99) TB, 40", M. Sdlg. #92-14-33 Very large, heavily ruffled plum-purple self with magenta undertoning. Thin magenta line extending from beard to edge of falls. Flowers are so large, they can measure up to 7 inches by 9 inches! Normally with 7 to 9 buds per stalk. Sweet fragrance. Ruffled Goddess X Purple Pirouette.....**\$40.00**

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The Great Clarence Mystery

by Don Spoon, Virginia


 MANY PEOPLE, INCLUDING MYSELF, CONSIDER CLARENCE (Zurbrigg '91) HM'95 and AM'97, to be the most beautiful rebloomer ever introduced. CLARENCE is a multiple rebloomer in zone 9, and reblooms reliably in late summer and fall in zones 4 through 8. Each flower is a dreamy confection that seems to glow from its lighter center like a luminous break in the sky. Its true color is somewhere between the 1998 catalog photograph by Schreiner's (p. 68 of catalog, described as a "light blue amoena") that is too blue, and Cooley's (p. 30 of catalog) that is too purple. Like other irises, its color can vary with time of year, soil conditions, and climate. I like Cooley's accurate description: "...this noble flower with its bluish white standards crowned violet-blue at the tip. The falls are a light blue-violet with white centers and hafts. Creamy white beards. A moderate sweet fragrance and dependable fall rebloom." The plant is exceptionally vigorous with rapid increase and healthy blue-green foliage. It is proving to be an excellent pod parent, though as a pollen parent it may be somewhat challenging. Members of our C & P Iris Society have gotten seven or more blooms with double sockets on stalks that reach 35 to 36 inches tall. But CLARENCE, the iris, faces two unanswered questions that I will try to clarify: What is it? And what are its parents? Like a few other great bearded irises, such as STEPPING OUT and DUSKY CHALLENGER, the parentage of CLARENCE was given by its hybridizer, Dr. Lloyd Zurbrigg, as unknown. Answering the first question may help answer the second.

Genetics Review: The plicata locus only affects the water soluble anthocyanin pigment distribution and not the lipid soluble yellow xanthophylls or the yellow (carotenes) and pink (lycopene) carotenoid pigments. In their anthocyanin pigment distribution, plicata and luminata, like a negative and its print, are the reverse of one another. Plicatas, such as STEPPING OUT, have pigment around the edge of the petals that are unpigmented in the center; in the hafts and style arms; and stitching or dotting lying over the veins. Luminatas, such as MIND READER, have no pigment around the edge of the petals that are pigmented in the

center, yet unpigmented around the beard, in the hafts, and the veins. Interestingly, luminatas can have anthocyanin pigmentation in the style arms. The dominant **PI** pattern has full anthocyanin pigmentation with no pattern, basically a self like DUSKY CHALLENGER. Glaciatas (formerly called ices) lack all anthocyanin pigment and can be white, yellow, golden, orange or pink as in ANSWERED PRAYERS. The color of the beards is influenced by interactions with these alleles at the plicata locus, yet mainly determined by other genes and gene modifiers.


To my eye CLARENCE looked somewhat like a luminata, so I crossed it on several of Keith Keppel's beautiful luminatas. Only with CLARENCE X MIND READER did I get seedlings with very vigorous rebloomer-like growth and tall (some up to 38 inches) early May stalks with nice flowers. Most were various luminata amoenas, but one seedling was a perfect glaciata with no purple, blue, maroon or red anthocyanin pigments and faint yellow at the base of the falls. To yield such a glaciata, both parents must have two glaciata alleles (unique trait doses) at the plicata locus (gene's linear position on a specific chromosome). Then, to my great surprise, the best seedling was very dark violet with white beards, and when back lighted, was obviously a luminata and only slightly bitone. The morning we saw its first flower open we were overjoyed! This fall, three of the largest rhizomes, reset only two months earlier, began to develop rebloom stalks, though too late to beat an early hard freeze. We registered this seedling (96-252A) as DAUGHTER OF STARS. This means that both parents of DAUGHTER OF STARS also had to have two luminata alleles at the plicata locus. So CLARENCE and MIND READER at the plicata locus are all recessive and $p^{lu} p^{lu} p^{gl} p^{gl}$ and both are luminata-glaciatas. (*The World of Irises* uses p^a —all white—for the glaciata allele, but I prefer p^{gl} .) Keith Keppel in a recent letter relates that he has obtained luminatas and a glaciata from crosses of FLIGHTS OF FANCY X FANCY WOMAN. I believe this means that both of them are luminata-glaciatas like CLARENCE and MIND READER. Possibly the two luminata alleles and the two glaciata alleles were introduced from different species and still always pair as in amphidiploids instead of randomly assorting during meiosis. (The **PI** dominant allele at the plicata locus produces no plicata pattern. It needs to be present in only one allele of the four to obliterate and hide the expression of the plicata and luminata as well as the glaciata recessive alleles at the plicata locus. The plicata and the luminata alleles override the expression of the glaciata allele; however, when plicata and luminata occur together they are both expressed, creating fancies.)

An amoena can be recessive (all four alleles in tetraploids with four sets of chromosomes must be recessive to be expressed) or dominant as in Paul Cook's **WHOLE CLOTH** or Charlie Nearpass's **DOVER BEACH**. The dominant amoena pattern (designated **Is**) can have a dosage effect: **Is is is is** a slight bitone, **Is Is is is** a medium bitone, **Is Is Is is** with lightly pigmented standards and darker falls, and **Is Is Is Is** white standards and pigmented falls. (Modifier genes can also influence the amoena pattern that can occur as a narrow pigmented band around the falls as in **EMMA COOK**.) Probably three alleles dominant for the amoena pattern are required to have the light blue violet pigment in the standards as in **CLARENCE**. This is like superimposing the *luminata* pattern modified by the *glaciata* influence on a high dosage dominant amoena like **PROUD TRADITION**. So, what is **CLARENCE**? I believe **CLARENCE** is a *luminata-glaciata* high dosage amoena!

Of all of Lloyd's introductions, **LATEST STYLE** looks most like **CLARENCE**. As I wrote this, **LATEST STYLE** was reblooming in our garden. It has lavender-white standards with some light violet at the bases, the lavender-white style arms have light violet bands down their centers, falls light violet with considerable darkening to violet in the center and in the veins, and light violet around the creamy white beards that are light yellow in the throat. **LATEST STYLE**, 34" tall, is (((**CRINKLED IVORY** X **AUTUMN SENSATION**) X **GRAND BAROQUE**) X **GOLIATH'S MATE**) X **DAWN VIOLET**. It is ruffled, flaring, and of modern form. **AUTUMN SENSATION** is a recessive amoena and **CRINKLED IVORY** is a light creamy yellow self, while the other three parents are all dominant amoenas. During a recent phone conversation, Lloyd told me that the reason he registered **CLARENCE** as 'parentage unknown' was that several of the crosses that year had their identifying tags become unreadable.

If **LATEST STYLE** was one of the parents, could we deduce what the other parent was? I crossed two off-white siblings out of **I DO** X **LACED COTTON**. (As related by Keith Keppel, **LACED COTTON** is a 'minimalist' *plicata* with barely visible *plicata* markings at the base of the petals. It has been shown by test crosses with *plicatas* to produce *plicatas* showing it has at least two *plicata* alleles, maybe four, or various possible assortments of *luminata* and *glaciata* alleles at the *plicata* locus.) All six seedlings from this cross were *fancies* (*luminata-plicatas*) implying that **I DO** has two - or more - *luminata* alleles at the *plicata* locus. I also have a clean light yellow ground *luminata* amoena seedling with yellow standards and style arms and darker yellow beards with lavender, plum,

and purple coloring between the yellow veins and edges of the falls. It is registered as DREAMING RAINBOWS. This yellow ground luminata amoena came out of a cross of two reblooming yellow selfs, CORN HARVEST X DELIA'S CHILD ((LEMON MIST X FALL PRIMROSE)X CORN HARVEST), making its chromosomes $\frac{3}{4}$ from CORN HARVEST. The dominant 'white' pattern (designated the **I** locus) that makes irises solid white, yellow, orange or pink does not completely eliminate the anthocyanin that can be seen expressed at the bases of the falls. (The **I** locus is a different locus from the amoena pattern **Is**.) In glaciatas, no such purple, blue, maroon or red markings occur. This means that a yellow iris like CORN HARVEST could be carrying unexpressed plicata, luminata, or glaciata alleles. Even with four different alleles at the plicata locus **Pl** (dominant, no pattern) **pl** (recessive, plicata) **pl^{lu}** (luminata) **pl^{gl}** (glaciata), just one dominant 'white' allele (one dose of a possible four, **Iiii**) would prevent all anthocyanin expression except at the bases of the falls. Likewise, I DO could have two unexpressed luminata alleles at the plicata locus as indicated by my test crosses. This could also be true for the offspring of I DO, including IMMORTALITY. IMMORTALITY, that can reach 35" tall, is a more likely parent of 35" tall CLARENCE, than is the shorter I DO at 32". Also, the rebloom characteristics of CLARENCE are more like IMMORTALITY. However, Lloyd has no record of such a cross of LATEST STYLE and IMMORTALITY. Lloyd was so kind to search his records for me of all the pertinent LATEST STYLE crosses. In all these nine crosses except one, LATEST STYLE was used as the pollen parent, once on BROOK FLOWER or on seedlings no longer available. The exception is the cross, Q194—LATEST STYLE X unknown, 52 seeds. Thus, the parentage of CLARENCE still remains a mystery.

Even though we only have a candidate for one of its two parents, we do know that CLARENCE is a truly gorgeous reblooming iris that could have the potential to create luminatas, fancies (luminata-plicatas), and glaciatas that are reliable rebloomers like the reblooming plicatas (such as AUTUMN CIRCUS and EARL OF ESSEX) we have learned to love. Hybridizers, young and older, novices and experts, "Start your tweezers!" 

Note: This article is reprinted with permission from The Reblooming Iris Recorder, Fall 1998, Vol. 52. See photos: page 33.

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Like Dorothy, in the Wizard of OZ, we have landed in a new and wondrous land. Well, new to us. After months of sorting, sifting, packing and shuffling, we have arrived at our new home and garden. It is an exciting time.

A BIG THANKS to each of you, both in Oklahoma and Oregon, who helped us so much. You made this transition as easy as possible. We will miss all of our Oklahoma customers who came by to enjoy our garden and became our friends. Thank you for giving us record sales this year. We look forward to providing you with even better service and plants from our new garden.

Our future looks bright here in Oregon. We are looking at a new field of iris growing in virgin soil. Tom worked hard to plant our stock early in the season so the plants could achieve maximum growth. The result, they are growing robustly and putting up loads of new increase. This means we will have ample stock of the newest bearded iris for you to select from. It also means the prices will be very competitive and we will be able to give you a generous helping of gift plants. CLUBS - please take note of the CLUB OFFER in the new catalog. This is a great way for your club to make money or help update members gardens through drawings and door prizes. We will also offer SURPRISE PACKAGES at the end of the season. Here's your chance to really update your garden.

Where can you find us? The garden location is **7185 Lakeside Dr N E, Salem OR**. Driving north on I-5, take the Chemawa Rd/Keizer exit #260 (the last exit on the north side of Salem). Proceed east on Chemawa to Portland Rd (99E). At the stop light turn north and Lakeside Dr is the first road after crossing the Labish Canal. Turn east on Lakeside Dr and after 3 right angle turns, turn left down our drive. Follow it to the end to a two story yellow house and rolling hills of iris. After you are on Lakeside Dr and make the first right angle turn and are headed north, you are looking directly at our house. If you visit Schreiner's Gardens, you are only about 3 miles from Mid-America. If you are at Keith Keppel's, just come north a few miles and here we are again. We welcome all of you to come and see hundreds of new iris, daylily, and hosta varieties as well as masses of new iris and daylily seedlings blooming for the first time.

Wishing you the best bloom ever!

Paul Black & Tom Johnson

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Siberian Iris Culture

For Beginners

by John Coble, Michigan

WE TELL PEOPLE THAT SIBERIAN IRISES ARE THE easiest irises to grow, basically because they are adaptable, tough, and forgiving of low maintenance gardening. They flourish with reasonable care and are spectacular with excellent culture. Siberians are the choice of irises to plant in the mixed perennial border, adaptable to soils, mulching, neighboring plants, and they maintain a nice fountain of attractive foliage throughout the growing season.

The heritage of Siberian irises are mountain valley meadows that are usually wet in spring from snow melt and damp and cool through bloom period. This same spring bloom season and a few weeks after is also the time that increase fans are growing and new rhizome increases are formed. The amount of heat and moisture at this time are usually the limiting factors to their natural distribution.

Planting Siberian irises in the garden is unnatural distribution! To make the plants happy they prefer a nutrient rich soil, about pH6.5 – 6.8, and sufficient in organic matter to help hold moisture and provide aeration for good root growth. They prefer moist springs until increase fan growth matures about a month after bloom. This is when irrigation is important if adequate rain is not present. Mulching is important to help hold moisture in the soil and help keep the soil as cool as possible. You will be rewarded with much healthier and larger plants the following year if you can keep Siberian irises watered all summer and fall (at least damp, don't let them bake dry).

The above is another good reason to plant Siberians in the perennial border or daylily bed that is maintained with mulch and irrigation during dry periods throughout the summer. If you have to irrigate very much each year, be aware of your water pH. Most water is above pH7 and will gradually raise the pH of your soil. If this is a serious problem in your area, incorporate agricultural sulfur into the soil prior to planting. For established plants, iron sulfate can be dissolved in water and applied around the clump. Light green to yellow-green foliage may be an indication that the soil pH is above 7.5 – 8.0 and tying up available nitrogen.

Another note for special irrigation: Siberian irises are cold hardy to Zone 3, but may not survive winters in Zone 5 in sections of the arid prairies that lack sufficient moisture in the soil during open winters. Freeze drying will kill dormant Siberian irises. Successful growers of Siberians in Oklahoma, for example, report that it is necessary to check soil moisture during any January or February thaw and water the dormant Siberians to maintain some soil moisture. Freeze drying can also kill Siberians in moist areas of Zones 5 and 6 when late fall transplants heave during winter/spring or when a mole tunnels under a rhizome leaving an air chamber.

Transplanting time will depend on your weather and your cultural practices. Transplanting should be done during moderate to cool weather and the mulched transplants need to be kept moist to damp for the remainder of the growing season. In cooler areas, spring transplanting is usually most satisfactory any time from first spring emergence to immediately after bloom. In areas with very hot and/or dry summers, early fall transplanting may be advised to take advantage of cooler temperatures and usually more fall rain. From an older clump, select 3 – 8 fan divisions from the outside edge of the clump that have new white roots. Keep the roots wet at all times when out of the ground, the divisions will even keep nicely in a bucket of water for a couple days. Plant the rhizome 2 inches deep in good rich garden soil where Siberian iris have not been growing for several years. Water in and mulch and keep moist.

Dead heading is a must. Bumble bees will pollinate most blooms and produce many seed pods. Unless you want to collect seed, cut off the whole bloom stalk soon after blooming. It looks better in the garden and removes seeds that will easily sprout next spring and contaminate your named variety with numerous different colored seedlings. Cutting off the foliage should not be done until late fall after a couple of killing frosts. You want to raise healthy foliage all summer and fall to feed the rhizomes and roots for good bloom next year. But remove the dead foliage by early winter to remove a perfect winter nest site for field mice (voles) which like to eat Siberian rhizomes! Also, removal of old foliage may remove harmful insect eggs if they are present.

In the Eastern U.S., borer eggs may be present on the old foliage. Yes, Siberian irises are susceptible to the iris borer if you have a problem with this insect. One has to learn to look for the signs of the iris borer in Siberian irises. Just before bloom time the evidence of the iris borer becomes apparent. In a clump of Siberians if several fans show a center

leaf that is dead or dying, give it a tug. If the dying leaf pulls out of the fan with a chewed off end, feel quite sure an iris borer is down in the fan. If you have just a few clumps of Siberians, it may be practical to just cut off the infected fan with a knife just above the ground (being sure to include the borer!). If you have a large planting of iris with iris borer, it may require a systemic insecticide to gain control of the problem. This can be one hot topic, and I suggest you bring it up at a local iris club meeting for discussion with experienced growers in your area. Also, start a discussion on Siberian iris culture in your area—what has worked for some and not for others. Some of my suggestions may have to be applied differently for your soil and climate conditions. 🌀

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Silvered velvety maroon red standards and cream base falls. \$20.00

MEL'S HONOR (Mel Leavitt / Chun Fan '98) TB, 35" (89 cm), EM
Violet purple plicata with orange beards. \$20.00

MAGIC PALETTE (Chun Fan '97) TB, 33" (84 cm), EM
Romantic plicata of antique gold and plum, this was a big hit at the Sacramento Convention \$20.00

EAGLE'S WING (Chun Fan '97) TB, 40" (102 cm), M-ML
Silvery violet blue with deep blue beards, this beauty has excellent branching. \$15.00

MELTED BUTTER (Chun Fan '94) TB, 39" (99 cm), M-ML Creamy white and yellow amoena. HC '9 1, HM '96. One of Clarence Mahan's Top Ten Irises (AIS Bulletin, October 1998) \$20.00

KNOT'S LANDING (Chun Fan '93) TB, 39" (99 cm), EM
Cream white, extremely fast grower, heavy bloomer \$10.00

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Siberian Hybridizing

Color Break

by Anna Mae Miller, Michigan

FROSTED CRANBERRY BEGAN ITS DEVELOPMENT IN THE spring of 1978 when a chance wine seedling bloomed among my Siberians. It was admired and numbered (78.5). At the time I was growing in a twenty foot area: SNOW QUEEN, a white form of *I. sanguinea*, (collected by Barr, 1900); KINGFISHER BLUE (Wallace '24), a medium violet blue; PERIWINKLE (Cleveland '26), a light blue and red bicolor; MT. LAKE (Gersdorff '33), a bright azure blue; TYCOON (Cleveland '38), a large purple self; CAESAR'S BROTHER (Morgan '31), a deep purple; TOWANDA REDFLARE (Scheffy '49), MANDY MORSE (Spofford '62), BICKLEY CAPE (Kitton '63) and maybe one or two others. Most were unknown parentages, but all prior to WHITE SWIRL and its cup shaped form. PERIWINKLE and TOWANDA REDFLARE seem the most likely to have given this wine-red with a wider fall. This was a deeper red color than any of the 'reds' of the 1970s, which were light to medium rosy reds, certainly not as dark as this one; its wider falls were distinctive.

I was lucky to have purchased PINK HAZE (McGarvey '80) and TEMPER TANTRUM (McGarvey '86), guests at the 1976 AIS Michigan Convention where we chose new Siberian irises to grow and appreciate. I had the opportunity to meet Dr. William McGarvey, Dr. Currier McEwen, Steve Varner and Dr. Robert Hollingworth, all active Siberian hybridizers and members of the Society for Siberian Irises, and to hear their comments about the latest introductions. One of my gardening theories is that it takes no more weeding, fertilizing, watering, etc., to grow inferior plants, so we began adding newer irises, not the very latest introductions, but post-1960s plants. We soon grew all the McGarvey pinks and could study and evaluate them.

PINK HAZE is not my idea of "pink" but rather a pink-lavender shade, so it was natural that I would use it in my hybridizing efforts to get a true pink. I set a pod on PINK HAZE using the pollen of the "nice, wide, wine seedling" and got 67 seedlings which all had red leaves at the base and red spathes that I liked and hoped could be developed into an attractive feature. Most of the seedlings were wine-red. (My sketchy notes

say there were a few whites. *Why* didn't I make a cross using one of these recessive whites?) However, I chose a wine seedling (78.16.5), from 60 red-wine seedlings grown from a bee pod of PINK HAZE, and again used PINK HAZE pollen. I did several sibling crosses from the 78.16 seedlings. I grew and evaluated over 1100 plants; there were some whites, wines, and lavender-pinks in several different shades, and many amoenas.

I feel that I did get a color break in the 3rd generation when I selfed a pink with red spathes (80.9.3) that I had considered introducing, and got four seedlings. All were pinks with the red spathes and one (85-41-4) was a deeper pink and was veined with wine to give a much deeper appearance. (Falls are 78A/77B with darker veins; standards 80c with aqua veins; style arms are white.) Cooler weather than we experience most bloom seasons gives a definitely darker pink than had yet been introduced. Bob Hollingworth visited the garden and saw it in bloom and encouraged me to introduce it. I chose the name FROSTED CRANBERRY (Anna Mae Miller '91), as it reminds me of frozen cranberries.

I believe another color break has come from using ESTHER C.D.M (McGarvey '82). I used it with pollen from my ALMOST A MELODY ('88) (from DREAMING SPIRES and RUFFLED VELVET). This cross gave me LAVENDER STIPPLES ('91), where the white falls are infused and veined violet, and another pattern in PURPLE SAND ('91), a light lavender which has darker veins. Another good trait is that they are much later blooming, thus extending the season.

Bauer-Coble used ESTHER C.D.M. pollen on a seedling from TEMPER TANTRUM and got two similar patterns in SPRINKLES ('94) and MESA PEARL ('94).

I think that MARY LOUISE MICHIE (Miller '96) is the truest pink that I have seen. It is a child of AQUA WHISPERS X LAVENDER BOUNTY. That parentage also gave me CHEERY LYN ('91) and lavender LILTING LAURA ('90). ❧

Note: See AIS Bulletin, October, 1998, for picture of FROSTED CRANBERRY, winner of the Morgan Wood Medal for 1998.

Rainbows of the Desert

Spuria Convention, 1998

by Bruce Filardi, Oregon

THE 1998 SPURIA CONVENTION TOOK PLACE IN APRIL. THE convention was named "Rainbows of the Desert", and it provided a lot of fun for all participants, even though the spurias didn't cooperate by blooming on schedule! Attendees came from all corners of the country, and it was a congenial and fun-loving group.

Everett Lineberger reported on the first tour destination, Floyd Wickenkamp's carefully planned garden. Floyd is a long-time member of the Sun Country and American Iris Societies. His very first introduction, SON OF SUN, won the President's Cup at the AIS Convention in 1987, and went on to win the Eric Nies Medal in 1994. Two spurias were in bloom for convention guests: BELISE (Simonet '67), a favorite old standby in blue-lavender; and Floyd's own LOVE FOR LEILA ('86), a deep violet with small gold signal. Very nicely grown clumps of around 200 other spurias gave promise of many more to come. There were also several TB's in bloom, along with Mary Dunn's LA, MISSISSIPPI GAMBLER.

Floyd was kind enough to provide us with a post-convention rundown of his spuria season. He reports that 1998 was not his best year for spuria display, but the following were standouts in his garden: CUST (Niswonger, '89), with small but numerous white blossoms, and at least a dozen stalks on a three year clump; COLOR FOCUS (Jenkins '90), a real beauty with purple standards and yellow falls edged purple; MISSOURI RIVERS (Niswonger '90), a ruffled blue with yellow blaze, which was later a deserving winner of the 1998 Nies Medal; BURNISHED BRASS (Roe '72), a glowing brass-brown with yellow signal; AMBER RIPPLES (Niswonger '81), small but lovely flowers with pale blue standards, amber falls with pale blue edging; BETTY COOPER (McCown '82), a combination of light violet, pale yellow, and brown with a bright orange blaze; MIDNIGHT RIVAL (Johnsen '93), a very dark amethyst purple, almost black; LOVE FOR LEILA (Wickenkamp '86), a deep violet with bronze signal, named for Floyd's mother; BETTY MY LOVE (Wickenkamp '89), small blossoms in a combination of yellow and white, named in memory of Floyd's wife; and SUNRISE IN SONORA

(Wickenkamp '94), a dark maroon violet with a large gold blaze.

Irene Barton reported on the next stop, the Kary Iris Garden. Guests were met by arils and TB's which were planted right along the sidewalk. Across the driveway was a patio area which displayed white sweet peas, a grape vine, sweet williams, and more TB's, including the beautiful NAVY BLUES (Robert Dunn '94). Another eyecatcher was the cat's claw vine on the fence. Passing through the gate, visitors enjoyed the serenity of a white dove aviary. Roses and mature grapefruit perfumed the backyard; pseudacorus iris made a beautiful display in a series of four connecting ponds.

Once again, as at every garden on the trek, guests enjoyed snacks and drinks. Ardi Kary was a generous hostess, and guests will remember the tranquil atmosphere of the Kary garden.

Pete DeSantis reported on the visit to Don and Bobbie Shepard's Iris Garden, one of the largest commercial gardens in Arizona.

The Shepards' field contains many of the best introductions from Charlie Jenkins, Floyd Wickenkamp, Eleanor McCown, Dave Niswonger, Ben Hager, Glen Corlew, Joe Ghio, and Walker Ferguson. Due to old friend El Nino, the spurias were not in full bloom, but the TB's put on a good show, with assistance from a few Louisianas. LA's that caught Pete's eye were MARBLE CAKE, NEVER SAY, and MARGARET LEE. Outstanding TB's were HOT CHOCOLATE, KEVIN'S THEME, SWING AND SWAY, STREET WALKER, THAT SCENTSATION, and a very big clump of SKATING PARTY. CRANBERRY CRUSH and BRIGHT WARRIOR also put on a good show. The spurias were represented by two of Charlie Jenkins' introductions: ELFIN SUNSHINE ('98), in shades of yellow, and ALPHASPU ('92), a bright yellow that drew the eye (photos: page 40).

In a post-convention report, Bobbie Shepard gave us a rundown of the outstanding performers in their garden this year. She, too, mentions ELFIN SUNSHINE, along with MIDNIGHT RIVAL (Johnsen '93), which bloomed and bloomed in its unique dark purple; SONORAN SKIES (Wickenkamp '93), a stately variety of pure sky blue, with large, well-balanced blooms; CUSTOM DESIGN (Hager '81), which gives a neon effect with its rusty brown color and bright yellow-gold signal; LOVE FOR LEILA (described previously); APRIL'S BIRTHDAY (Jenkins '94), a pretty white, named because its maiden bloom occurred on October 3rd, Charles Jenkins' daughter's birthday; DENA'S DELIGHT (McCown '82), a wonderful ruffled lavender, still one of Bobbie's favorites; LEMON DILEMMA (Johnsen '93), one of the best

examples of a true spuria bicolor, in violet and yellow. Bobbie completes her list with mention of *I. CROCEA* (species, 1877), PEE WEE PETE (Shepard '98), BUTTER RIPPLES (Jenkins '99), and LAVENDER WAVES (Jenkins '96). She ends with the comment that all spurias are beautiful, so it's hard to choose favorites!

Gail Barnhill filled reporting duties on the visit to the Betty Howard garden. As guests approached this garden, they were met by a neatly xeroscaped front yard which complemented the Spanish architecture of the house. Especially eye-catching was a topiary juniper. The home's atrium was planted with ivy, ficus, Monterey pine, ironcross oxalis, and rapholiphs. In the back garden, light pink climbing Cecil Bruenner roses and brilliant pink petunias complemented the iris. TB's CHIEF HEMATITE and SPLASH OF BLUE were looking very good; PINK UNICORN, an older horned iris, and Barry Blyth's BEACHGIRL were also very attractive.

Other sections of the garden were highlighted by colorful accent spots. Pete DeSantis' TB SCOONCHEE was blooming its head off! Another favorite was DeSANTIS SEEDLING #85-13, a bicolor with ecru standards and lavender falls. This bed was surrounded by purple petunias, the perfect color complement for the two DeSantis plants. In bloom in the guest iris bed were Charlie Jenkins' spuria ELFIN SUNSHINE and a very promising TB, RICHARDS SEEDLING #6005, a deep purple with lighter hafts which gave it a dark "glow".

The next feature of the Rainbows of the Desert tour was Mary Larson's garden in Tempe. Joan Cooper of Roseville, Minnesota, provided the review. Joan mentioned her surprise at finding lawns in arid Arizona that were just like those back home in Minnesota; she found that the secret was to have a sunken lawn that could be flooded!

The lovely Larson home was shielded from the road by Canary Island Pine and citrus trees. Front flower beds of African daisies, California poppies, aloes, and other succulents were studded with bearded irises, many of which were in full bloom. At the rear of the house were raised beds with flowering groundcovers. Joan admired the vine-covered patio, decked with pots of cacti and succulents. She also enjoyed the vegetable/flower garden—that is, flowers growing here and there among the squash, tomatoes, and corn.

Tom Abrego provided a recap of the visit to the last stop on the spuria trek, the Smith gardens. On a corner lot in a quiet residential neighborhood of Phoenix, Ellen Joy Smith has created a bloom-filled secret garden. Tom praised its beauty and the absolute explosion of annual

and perennial bloom that was displayed. The guest planting of spurias was found in a quiet corner. The spurias were healthy and well-grown, though most were still a week or so from bloom. SHEPARD SEEDLING #96001-9309 caught Tom's eye, with its soft yellow tones highlighted by a splash of bright yellow at the center of its falls. ELFIN SUNSHINE (Jenkins '98) showed excellent growth; its color was similar to the Shepard seedling's, but it stood apart due to its smaller flowers and ruffled narrow form.

Bobbie Shepard reported that Barry Blyth was a wonderful speaker and presented a fascinating program on his hybridizing experiences. Judges' training sessions were led by Melody Wilhoit (Louisianas) and Dave Niswonger (spurias). Tom Abrego moderated a round table discussion with Barry, Melody, and Bill Maryott, and attendees garnered much helpful information about the rewards of growing spurias. The Walker Ferguson Award went to Charlie Jenkins' ELFIN SUNSHINE as Best Registered Spuria. ❧

Note: Much of the information on the garden reports was excerpted with permission from the Spuria Newsletter, Winter of 1998, plus supplementary reports provided directly from garden hosts.

The Mystery Iris

Jim Hedgecock, Missouri

Do you know who I am? I'm the Mystery Iris. Like most of my cousins, my family roots stretch throughout most of Central Europe, Russia, and into China. New members of my family are still turning up now and then.

When people see me, sometimes they think I'm Siberian. Others think I'm Japanese. But you won't find me spending as much time at the water's edge.

I'll grow for you in just about any climate. I love to be side-dressed with fertilizer, and it won't make me rot. I also love to be mulched—just to save you the trouble of weeding! I am disease resistant and very few garden pests like me. Best of all, you won't have to divide me every few years; I like to stay undisturbed in one place for long periods.

So do you know who I am? I'm tall and I'm beautiful. I'm a Spuria!

Handbook For Judges and Show Officials

American Iris Society, Sixth Edition, 1998

by E. Roy Epperson, Editor

The American Iris Society's *Handbook for Judges* was first published in 1953. The Second Edition (1960) states in the Preface:

"This handbook incorporates and brings up to date material on awards, judging and exhibition of irises published in The American Iris Society's *Handbook for Judges* of 1953, and in the booklets, *instructions for Exhibition Judges* and *Rules and Regulations of the AIS-Sponsored Exhibition*, published several years ago by the Society's Exhibition Committee. The sections on duties of judges, standards or guides for judging the various classes of irises, and the general judging standards are composites of the opinions and knowledge of leading specialists in those fields."

The Handbook for Judges and Exhibitions was published in 1960 and revised in 1965 and 1969. The next edition did not appear until 1985 and was entitled *Handbook for Judges and Show Officials*. Editor Phil Williams utilized a loose-leaf format to facilitate subsequent needed revisions.

On May 22, 1994, AIS President Barr appointed the following committee to revise the *Judges' Handbook*: Hilda Crick, Chairman; Jim McWhirter, E. Roy Epperson, Ronald Mullin and Phil Williams. Glenn Corlew became Chairman of Judges Fall 1994 and thereby Chairman of the Revision Committee. On January 1, 1997, E. Roy Epperson became the Editor-in-Chief of the revised *Judges' Handbook*.

Hilda Crick and then E. Roy Epperson contacted each of the Section Presidents and each of the Cooperating Society Presidents and requested suggestions/recommendations for revision. Each of these groups responded. The suggested revision was input by the Editor/typist and a copy was sent back to the Section/Cooperating Society for careful vetting. Any recommended changes were submitted to Epperson and included in the narrative. Other chapters were reviewed/vetted by a member of the revision committee, the chairman of the respective standing committee, and the Editor/typist. Many telephone conversations were conducted relative to suggestions and recommendations for revision. The entire revised *Handbook* was vetted by Epperson's professional secretary, who has no knowledge of iris and therefore made an unbiased vetting.

In addition to the revision committee members and the chairmen of the standing committees, the Editor/typist utilized the expertise and guidance of President Niswonger and past-Presidents Barr and Stahly.

Changes From the Fifth Edition (1985)

1. New chapters have been added for Historic Iris and Space Age Iris. HIPS provided the material on exhibition judging of Historic Iris and Dr. Lloyd Zurbrigg revised the narrative portion.

2. A new format has been used in which the section on garden judging and the section on exhibition judging of a specific class of iris has been integrated into a sin gle chapter. This negates the necessity of a judge's flipping back and forth between the previously separated sections.

3. The modification in the Awards System authorizing the awarding each year of three (3) John Wister Memorial Medals for tall bearded irises has been included in the chapter that sets forth criteria for awards.

4. The quantitative criteria for awarding of Silver and Bronze Medals/Certificates at accredited AIS shows have been modified to read as follows:

The silver and bronze medals may be awarded only at an accredited show with at least five (5) exhibitors and at least twenty (20) cultivars; entered. For a Fall show there must be at least three (3) exhibitors and at least ten (10) cultivars entered.

The silver and bronze youth medals may be awarded in the Youth Division only if there are at least two (2) exhibitors and at least ten (10) cultivars; entered. For a Fall show there must be at least two (2) exhibitors and at least five (5) cultivars entered.

5. The statement concerning "Selecting the Best Specimen of the Show" that was interpreted by many to prohibit an historic iris being so selected has been modified to read as follows:

When two specimens are judged equal in all respects except for the date of introduction, the newer variety should be placed higher, because it shows the public what is considered to be a good iris of today.

6. Within the chapters on the individual classes of iris, there have been extensive modification in the narrative with specific substantive changes in defined heights and in Point Scale modifications. Width/height diagrams have been added in the chapters on BB and IB.

*Additions and Corrections to the
Handbook for Judges and Show Officials,
Sixth Edition, 1998.*

1. p. 39, Chpt. 4, **Rules and Regulations of an Iris Show, Educational Division:**

The narrative flow from page 39 to page 40 should read: *planting instructions with display of rhizomes, soil and complete "how to":*

2. p. 41, Chpt. 4, **Rules and Regulations of an Iris Show, Exhibition Awards, 2nd paragraph.**

The AIS Board of Directors at its 1994 Fall Meeting in Albuquerque, NM, voted to provide one free set of Youth Medals per AIS show (that meets the current qualifications for exhibitors, entries, and/or cultivars.)

3. p. 74, Chpt. 7, **Border Bearded Irises**, diagram on Width and Height: Maximum overall size should read 22 cm instead of 12 cm.

4. p. 115, Chpt. 11, **Miniature Dwarf Bearded Irises**, Exhibition Judging, Scale of Points: The **Scale of Points** is incorrectly tabbed.

5. p. 140, Chpt. 13, **Novelty Bearded Irises, Variable Patterning:**
JOSEPH'S COAT (Katkamier 1930) was registered in 1989 as JOSEPH'S COAT KATKAMIER (A. Katkamier by E. Tankesley-Clarke). Therefore, having been registered and introduced, this cultivar is eligible for AIS awards.

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DESERT DAYBREAK (David Miller) TB 33" Just as a desert sunrise changes minute by minute, so too does Desert Daybreak. Standards are bronze yellow with slight rose brown midribs. Falls start out rose brown with a very pale flush of lavender. The lavender quickly fades and the rose brown evolves into a blended golden brown. All highlighted by bushy bronze gold beards. 7 to 8 buds. ((Dutch Chocolate X Sandberry) X Henna Accent) X Canyon de Chelly **\$30.00**

ENCHANTED MESA (Magee) TB 42" M KATZIMO, legendary tribal home, 73 feet higher and 3 miles northeast of ACOMA. Sky blue standards and styles. Falls, white rock with purple arroyos radiating to a deep purple plicata undulating halo. Blue sage beards. EC '92 & '97, People's Choice '97. Mirror Image X Acoma. *see color ad* **\$30.00**

JUST A FLIRT (David Miller) SDB 12" Like a cute little blond with long blond eyelashes, this one will just flirt with you. It's a soft light yellow with a darker ray pattern in the falls. The bushy beards are white with a pale blue cast. 3 buds and good growth habits. Blue Line X (Sapphire Gem X Ice Chalet) **\$15**

OSLO (Carl Jorgensen) TB 30" E-M-L A child of Song of Norway, this pale hyacinth blue with pronounced darker blue beards has elicited many comments from our garden visitors. Three candelabra branches plus a terminal carry seven buds. The ruffled blooms have closed standards, flaring falls and are pleasantly fragrant. Sdlg. 90-5-2B: (Summit Easter X Song of Norway) **\$30.00**

PIANO BAR MELODIES (David Miller) TB 34" The violet purple standards are highlighted by white midribs. Falls are white with a 1/4" band of lavender purple. This plicata was named for the good succession of bloom given by 7 to 8 buds on well branched stalks. Just like a good piano bar, the melodies (blossoms) seem to keep coming. Rumbleseat X 85-IB: (Roundup X Crinoline) **\$30.00**

WESTERNAIRE (David Miller) TB 34" Standards are bronze yellow. Falls are yellow ground with white at the tips of the yellow beards. Yellow ground is speckled with purple and intensifies closer to the edge of the falls, replacing the yellow ground. Falls are then banded with a 1/8" ribbon of chocolate brown. Well branched sturdy stalks with 7 to 9 buds. All very western! Colorscape X 85-IB: (Roundup X Crinoline). *See color ad* **\$35.00**

Those of you that attended the 1998 AIS Convention in Colorado experienced first hand the extremes our climate has to offer. Snow on tall bearded blooms is not the norm here, but our Colorado hybridizers are always selecting for good garden irises that will do their darndest to stand up to whatever nature dishes out!



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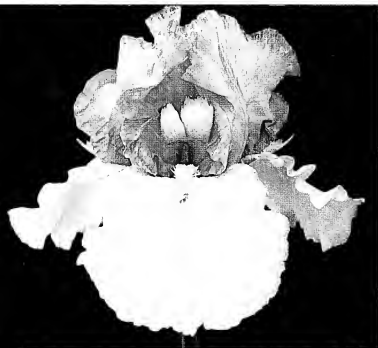


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Add \$5 for shipping. Calif. residents add 7¼% sales tax. Color catalog \$3, lists many other 1999 introductions and thousands of quality irises.

*Please Note: This is a new area code.



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Negro Modelo

(Sutton '99) SDB re \$12.⁰⁰



French Horn

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Photo by Doug Lindley, courtesy of Idaho State Journal, Pocatello.

Paid, Idaho Travel Council



BRAZENBERRY



EXCLUSIVITY

1999 INTRODUCTIONS

AGAIN and AGAIN, Re4619-1, TB, 36", MRe. (Renown X Anxious). Reblooms June through November. At our old address this bloomed for three seasons as mid yellow self with medium powder blue beards. It was moved temporarily to my brother's farm where it bloomed green with white beards. At our new location it is mid yellow with white beards and sometimes a maroon "belly stripe"! It rebloomed from June of 1998 into late November. It has rebloomed in Church Falls, Virginia as mid yellow with a hint of blue in white beards. Vigorous and fertile with excellently branched stalks and 7 to 9 buds. **\$35.00**

BRAZENBERRY, 4346-1, TB, 36", M. (Silverado X Rosette Wine) Wide ruffled shimmering burgundy wine self. Orange-gold beards with pewter triangle around beard area. Fertile with super stalks, 7 to 9 buds. **\$35.00**

EXCLUSIVITY, 3966- 10, TB, 36", M. (Magharee X Fanfaron) Standards are butterscotch, falls dark brown with a one half inch border of butterscotch. Brilliant orange beards. Great stalks with 7 buds. Fertile. **\$35.00**

KNOCK QUIETLY, 3988-1, TB, 36", M. (Lady Madonna X Missy Yorktowne) Very lacy white self with creamy white beards. Excellent stalks with 7 buds. Fertile. **\$35.00**

ORKNIES, 4672-4, SDB, 14", M. 3891-1: (3598-2: ((Jared x (Melon Honey x Soft Air)) x Delicate Pink) x 3524-6: (2875-2: ((Betsey Boo x Cherub Tears) x (Soft Air x Pink Cushion)) x Tillie)) X 4129-1: (3526-6: (2875-2 x Delicate Pink) x 3524-6). Medium pink self-, orange beards tipped white. One branch, 4 buds and fertile. **\$10.00**

EFREETS, 3612-5, SDB, 13". 2846-2: ((Melon Honey x Soft Air) x Stockholm) X 2843-1: (Jared x (Melon Honey x Soft Air)). Standards yellow, falls white, beards yellow tipped white. One branch, 3 buds and fertile. **\$10.00**

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Winterberry Gardens Introductions for 1999



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EMMA DOODLE (Nearpass/C&P '99) MTB RE



SKY AND SUN (Spoon '99) TB



PINK PINK (Spoon '99) TB



MIDSUMMER'S EVE (Spoon '99) BB RE

Winterberry Gardens Introductions for 1999

by Don Spoon

CRYSTAL HONEY TB, 34" (86 cm), ML & RE (zone 7). Amber gold standards finely veined rose; style arms amber gold; falls are amber gold with white ray pattern around the darker amber gold beards. Slight lavender blaze on center of falls. Ruffled. Pleasing sweet fragrance. A unique and unusual color, especially for a rebloomer. (Summer Olympics X Sheba's Queen).\$30.00

DUNE SEA TB, 34" (86 CM), M & RE (zones 6 & 7). Rose standards and style arms; plum falls with prominent white ray pattern around the yellow beards. Looks like a beautiful species iris with modern rebloom traits, excellent branching (up to 11 buds), ruffling, and arching falls. Nice display of color in the landscape. Requires little maintenance. E.C., best fall seedling. (Winter Olympics X Spinning Wheel).\$30.00

FIRST CONTACT BB, 27" (69 cm), M. Ruffled and flared lavender-white standards and falls, uniquely peppered dark violet and showing an area of darker lavender centered at the tips. Deep violet style arms present a striking contrast. Falls have dark violet hafts around the lavender-white beards tinged turquoise, yellow in throat. Fertile both ways. (Pledge Allegiance X Pledge Allegiance) X Pledge Allegiance.\$30.00

HOLY HEART TB, 31" (79 cm), ML. Richly colored rose-lavender blend with peach, mauve, and tan central infusions in the falls and darker rose edges around the falls. Style arms rose and mauve. Large, bright tangerine- orange beards. Nicely ruffled. Colors like a glowing stained glass Holy Heart in a cathedral window. Fertile both ways. (Copper Classic X Olympic Challenge).\$35.00

MIDSUMMER'S EVE BB, 27" (69 cm), EML & RE (July through November in zone 6). Standards and style arms baby ribbon pink. The lighter falls are peach pink with darker venation, yet smooth peach hafts. Lightly ruffled and flared. Bright orange beards. A highly dependable, continuous rebloomer for us. It sometimes puts up rebloom stalks from the same rhizome. Nicely proportioned border bearded with smaller flowers and stalks. Fertile both ways. A new path to pink rebloomers. Limited stock, order early. E.C. (Immortality X Enchanted World).\$35.00

PINK PINK TB, 28-30" (71-76 cm), ML. An opalescent, smooth peachy-pink self with lighter area in center of fully flared falls; darker peachy-pink beards. Ruffled and lightly laced. Excellent growth habits and glowing color make this outstanding as a landscape iris, or for accent in a small garden. Sturdy, well-branched stalks. Exceptional parent, fertile both ways. (Custom Made X Waurine).\$20.00

PIZZICATO TB, 36" (91cm), M. Standards and style arms medium blue- lavender. Sinuously ruffled. Flared blue-lavender falls grading to light colored edges. Darker, thicker band in the falls bring to mind the strings of a concert violin. Dark blue-lavender beards tipped gold. Strong stalks with 7 to 9 buds support the wellproportioned, large blossoms. Purple based, erect foliage. Favorite of garden visitors. Fertile both ways. A regal iris combining the best of both parents. (G'Day Mate X Honky Tonk Blues).\$45.00

ICE BLUE PEARL IB, 27" (69 cm), E. A lovely, horizontally flared and ruffled, light blue-lavender self with wide falls and darker blue-lavender beards, yellow in the throat. Vigorous grower that makes a statement in the early spring garden. Needs little care. Nice stalks to five buds. Sterile both ways. (Busy Being Blue X Little Showoff).\$15.00

RIELLE BB, 24" (61cm), M & RE (zone 6). White standards brushed and overlaid bright yellow. Falls white bordered bright yellow. Medium yellow beard. Ruffled and lightly laced. Dependable October rebloomer for us. Fertile both ways, This one is a charmer. (I Do X Other Mary).\$25.00

RUTH WALKER TB 36" (91 cm), M. Ruffled and flared peachy-pink self with pink-tangerine beards. Wellbranched, strong stalks to 9 buds. As a prerequisite of its namesake, it has vigorous growth and increase. Purple based foliage, a rarity for pinks. Gorgeous show stalks. Blue ribbon, runner up best seedling ((Orien: Stately Mansions X Bride's Halo) X Jennifer Rebecca).\$40.00

SNOW PARASOL TB, 30" (76 cm), M & RE. Nicely ruffled, brilliant snow-white self with horizontally flared falls with great substance. Domed, closed standards. A white rebloomer with the purity of new fallen snow. Excellent branching with 7 buds. White beards with light yellow deep in the throat. Much admired by our friend, Dr. Charlie Nearpass. Blue ribbon, runner up best seedling. Fertile both ways. ((Lucie Andry: Winter Olympics X Spinning Wheel) X (Chaste White, sibling of Immortality)).\$40.00

SKY AND SUN TB, 32" (81 cm), M. Blend of light turquoise and true sky blue, making other blues compared to it appear lavender. Flared and ruffled. Showy, golden yellow beards. A hybridizers dream come true. Has beautiful diamond dusting as well as the extremely rare silver lining. Widely branched on sturdy stalks up to 11 buds. Triple terminal buds. Vigorous with beautiful foliage. Abundant increase. Very fertile both ways. Advisable to order this one early. (Navajo Jewel X Clear Day).\$50.00

SHARON MARIE TB, 33" (84 cm), ML. Smooth, totally golden yellow self of an intensity and spectral clarity that exceeds all others we have seen in this color class. Flared and lightly ruffled. Darker yellow beards. Very popular with our garden visitors. Fertile both ways. (Magic Memories X Yukon Fever).\$35.00

STRAWBERRY APRICOT BB, 27" (69 cm), EM & RE (Oct. in zone 6). Smooth, pastel peach- pink self with pink-orange beards. (This iris is the color of the strawberry apricot ice cream we used to make in the Spoon's Ice Cream store in Charlotte, NC.) Graceful ruffles. Domed, closed standards and arched falls. Border bearded sized blossoms and stalks with 5-7 buds. Sweet fragrance. Very dependable rebloomer. Large number of fall stalks per clump. Fertile both ways.(T13 Roneys Encore X MTB Ozark Evening).\$25.00

TWILIGHT MOONRISE BB, 24" (61 cm), ML. Ruffled, laced and fully flared light rose- lavender standards and falls with darker one fourth inch border around the wide falls. Very unique dark plum pumila spot with fanlike whiskers extending below the white tipped tangerine beard surrounded by a white sunburst. Blue ribbon seedling. ((Condottiere x (Cherished X Dusky Evening)) X Ringo) X Yosemite Sam: (Lorilee X Abigail Provides).\$30.00

UNCLE CHARLIE TB, 34" (86 CM), ML. Wonderfully ruffled and fluted, smooth, light silvery blue-lavender (RHS 97D) self including the darker blue-lavender beards, tipped lighter with yellow hidden deep in the throat. Wide, touching flared falls. Well- branched stalks with 7-9 buds. Name suggested by Charlie Nearpass. From two outstanding Dykes Medal winners. Cross suggested by George Shoop at the 1991 convention. Fertile both ways. (Honky Tonk Blues X Silverado).\$40.00

The following iris is the first Introduction approved by C&P Judges and authorized by Dr. Katie Ogden to be introduced for the late Dr. D. Charles Nearpass as (Nearpass/C&P) with all profit split equally between his family and the C&P Iris Society.

EMMA DOODLE MTB, 20" (51 cm), EML and RE (July to November in Zone 6) Sdlg. #94-404. Rosy pink self with slightly darker venation. Tangerine beards. Closed, domed standards. Ruffled and flared. Meets all standards for the MTB class, the table iris, but has a slight, sweet fragrance. Sends up two or more well branched stalks per rhizome, 5 to 9 buds per stalk. Remarkable growth and new increase and amount of bloom stalks, a continuous rebloomer. This iris met Charlie's prerequisites for a reblooming landscape iris. Hardy and disease resistant. Fertile both ways. Named for one of Charlie's granddaughters plus the name that Katie, Charlie's daughter, called him as a child. Limited stock, order early. Two E.C.s 91-138: (88-23: (New Idea X ((Baby's Bonnet X Champagne Music) X I. apylla, cerulea)) X Unknown, Tag lost) X (89-21: Abridged Version X (Hager 2542 X (Peach Paisley X April Melody))).\$35.00

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Robins Anyone?

by Libby A. Cross (Robin Chair), Virginia

AS I WRITE THIS, SNOW AND ICE COVER THE LANDSCAPE, BUT by the time you read it, the robins (feathered variety) will be back in force. I only hope I can say the same for our Iris Robins.

During the past year, a lot of our Robins have been walking rather than flying. A few have gone to roost for long periods, or disappeared altogether. This is very disappointing to the robin members who do keep the robins flying in a timely fashion, and headaches for the Robin Directors, whose job it is to search out lost Robins and get them on their respective ways, or start them over from scratch.

An article in the October, 1995 *Bulletin*, page 67, gave a brief history of the Robin Program, explaining how Robins work. It was followed by a wonderful rush of both new and old members of AIS, all anxious to join a robin. By the end of 1996, we had new Robins flying in almost every conceivable category, and additional Robins in the most popular categories. E-mail Robins were especially popular, and have continued to increase.

However, in the interim, many other Robins have faltered in their flights. In order to get things back on track, I'm including, at the end of this article, copies of the Robin Rules, and the form letter sent to each prospective Robin Member. I'm hoping that this will bring in new robin members, and remind those who are already in robins to follow the rules. Especially important is the request that each member send a copy of his/her new letter to the Robin Director. These copies are invaluable, not only as a way of tracking the robin's flight, but for excerpts for Flight Lines which now has a new editor and should be reappearing in the *Bulletin*.

I am also calling for volunteer Robin Directors, for a number of different categories. Most urgently needed is someone to direct the International Robin. This is a lively and interesting robin and has been making its way from the U.S. to Denmark, England, Japan, New Zealand and back to the U.S. with very few delays.

If you wish to join a robin, follow the directions on the Invitation to Join. Hopefully, I will be able to put back in flight all the Robins that have been "resting" recently. 🐦


Robin Rules

The Robin is Always Sent First Class!

by Libby A. Cross

1. Each member has 7-10 days from the time the Robin arrives to contribute a new letter and send it on its way. Abiding by this will keep the Robin flying and the news in it fresh.
 - EXCEPTION: Hold between early December and January 1st. It is too easy for it to get lost in the Christmas mail rush.
2. If you expect to be away when the Robin is due to arrive, write or call the person just ahead of you on the route list and ask to be passed over for this flight.
3. If the Robin arrives and you have no time to write a letter, for emergency reasons, mail it on to the next member, with a short note explaining, and drop the director a postcard noting that you had to skip that flight.
4. There will be a numbered ROUTE LIST in the Robin at all times. This shows names and addresses, and Robin sequence. Make a copy of the list and keep it where you can refer to it. KEEP IT UP TO DATE. It is a good reference, and can save difficulties in flight.
5. Be sure to put your name, address, and dates "in" and "out" on the first page of your letter, and your name and page number on subsequent pages. Later, if excerpts are made, this helps the "excerpter" mightily, and gives you credit. Place and date are crucial for garden excerpts.
6. NEW RULE: PLEASE SEND DIRECTOR A COPY OF YOUR NEW LETTER IN LIEU OF A COURTESY CARD! This will make the Robin easier to track, easier to restart if lost, and will give the director a good way to excerpt for Flight Lines. (The Old Rule required each member to send the director a courtesy card at the same time the Robin was sent to the next member, indicating the name or number of the Robin, date and to whom it was sent.)

Keep This With Robin at all Times!

NOTE: When sending copy of letter to me, make sure it contains the name of the robin. Many people belong to more than one robin, and when I get the letter, I will surely file it in the wrong file if it does not have the name of the robin it belongs in. 

An Invitation

to Join a Robin

by Libby A. Cross

At the top of the page, type (or print) your name, full mailing address, phone number and e-mail address, if any.

From the list of robins below, please select the one(s) that you wish to join. (If more than one, number them in order of preference.)

- General Interest
- Median & Miniature Dwarf
- Reblooming
- Hybridizing
- International
- Photography
- Space Age
- Tall Bearded
- Siberian
- Other Beardless (LAs, JIs, Species, Spurias)
- Aril/Arilbred
- Historic
- Arts & Crafts
- Fragrance
- Computer (e-mail)


On a separate sheet of paper, please write a brief, thumbnail sketch of yourself, your garden, family, pets, hobbies, etc., (not necessarily in that order). Return the completed information to:

Libby Cross

8907 Potts Creek Rd

Covington, VA 24426

or e-mail <LibCROSS@aol.com

Soon you will be flying with the Robin(s) of your choice. 

Joe Pye Weed's Garden

Marty Schafer and Jan Sacks

337 Acton Street, Carlisle, MA 01741

1 9 9 9 Schafer/Sacks SIBERIAN INTRODUCTIONS: \$30@

BANISH MISFORTUNE (Sdlg. S92-85-12), 45", E-L. Outstanding clump with tall strong stalks, 6-7 buds. Small flowers reminiscent of sibirica with fuller form. Standards and falls are mid lavender with a large smooth yellow to cream signal, veined deep purple.

DANCE SUZY (Sdlg. S92-119-18), 29", EM. Robust, non-fading yellow bitone with lots of stalks per clump. Flowers are compact, wide and ruff led. Two branches with 4+ buds per stalk. Limit 1/customer.

DANDY'S HORNPIPE (Sdlg. S92-119-10), 29", M and RE. Unique coloring—light lavender standards flushed red-violet, pearly styles with blue midribs, falls blended with red-violet and yellow. Up to 5 buds on 2 branches.

ECHO THE WIND (Sdlg S92-67-5), 31", E-M. Intricate blue-violet over yellow falls with paler blue standards, pearly blue styles with yellow tips. Great compact clump with many stalks, 5 buds each.

FOND KISS (Sdlg S92-70-1), 33", M. Big flower, warm white with large pink flush on falls. Three buds with slow succession of bloom.

IN FULL SAIL (Sdlg S92-82-24), 27", L. Late bloomer! Cream to white bitone with yellow signal. Gorgeous wide, ruffled form with stunning smooth styles which have petal-like curls. Four to five buds.

MAIRI'S WEDDING (Sdlg S92-61-1), 24", M. Small creamy white with flaring form, small ruffles and pretty upright styles. Four buds and slight fragrance.

SALAMANDER CROSSING (Sdlg S92-65-15), 42", E-L. Smallish flower, heavily speckled with lavender over pale yellow falls and white standards. Vigorous, tall, 7 buds, stalks held well above foliage.

SARAH TIFFNEY (Sdlg S92-65-14), 36", E-L. Small flowers, lightly speckled with lavender rose over warm yellow falls and white standards. Styles buff yellow. Delicate ruffles. Stalks held well above foliage, 5-6 buds.

SUMMER REVELS (Sdlg S92-80-10), 28", M and RE. Yellow bitone. Good form. Long bloom from 2 buds/stalk followed by repeat with 6 buds/stalk. Beautiful clump habit. Limit 1/customer.

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AIS

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 Jeanne & Bob Plank (CA)^{R/S #2}
- Donald Boen (WA)*
 Joyce & Duane Meek (OR)^{DCL #7}
- Opal Brown (WA)*
 Charlotte Keasey (OR)^{L #3}
 Joyce & Duane Meek (OR)^{DCL #7}
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Georgia Stewart (WA)^L

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#4 Clarke Cosgrove Youth
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#5 Warburton International Medal^W

#6 Electronic Check List^{ECL}

#7 1999 Decennial Check List^{DCL}

How to Make a Donation to AIS Active Funds:

Donations to the AIS Fund Accounts should be made payable to: AIS, or The American Iris Society.

Mail to: Ruth Simmons, Secretary

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In Memoriam:*Henry Clark* (Washington)*Jay Conklin* (California)*Leslie J. Donnell* (Australia)*Emma M. Dickinson* (Kansas)*Fred Gadd* (Connecticut)*Mrs. M. W. Norton, Jr.* (Texas)*Twyla Rogers Olmstead* (Washington)*Faith Reilly* (New Mexico)*Pauline Reindl* (Ohio)*Marvin A. Shoup* (Illinois)*Ruth Strickler* (Missouri)*Edith Wheeler* (California)**BILL & ADA GODFREY'S 1999 INTRODUCTIONS
HERMIT MEDLARS WALK**

3 Pierce St (Rte 140), Foxborough, MA 02035

CHELSEA FAIR (GODFREY, W&A '99) SDB SDLG DNDT5 11"

Cream standards over deep burgundy falls, artistically rimmed with the same cream of the standards, all highlighted by cream beards, deepest orange in the throat. \$15

GLEBE BROOK (BURTON, J '99) SDB SDLG 88H3 11-13"

The colours of powder blue veined green with deep blue halo around the bright blue beards are reminiscent of the blue skies and green Vermont meadows reflected in the crystal clear waters of the Glebe Brook for which it is named. \$15

LEMON CURD (GODFREY, W&A '99) SDB SDLG TBDA 12"

Frisly butter-cream standards, rounded frilly deep lemon curd falls rimmed butter-cream, with deep orange beards tipped white - our stepping stone to a red-bearded yellow amoena. \$15

PLYMOUTH HOE (GODFREY, W&A '99) SDB SDLG HAP3 13"

Softly rounded closed white standards have a navy base deep in the throat over softly fluted white falls with thumbprint of thick navy whiskers surrounding the cream beards, creating a nautical flavour, which suggested the name (Drake played bowls there before sailing out to defeat the Spanish Armada). \$15

WIMPLE (GODFREY, W&A '99) SDB SDLG JPVL 12"

A frilly lavender fancy (the pattern is a wash of lavender over pink taupe) from luminata breeding which we call Wimple as the style crests form the shape of that medieval headress. \$15

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or Not to Be a Bee

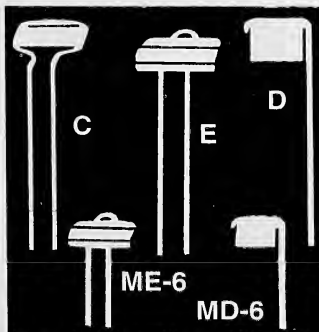
by Don Spoon, Virginia

WES, YOU CAN BECOME A HYBRIDIZER. HAVE YOU EVER HEARD the story of the iris Debby Rairdon? *Mrs. Kuntz made one cross in her life and produced this 1971 Dykes Medal Winner!* Now, I am going to tell you how to do this yourself. This is a tempting challenge to everyone who grows irises. Don't read any further unless you intend to try this.

The secret is very simple. Self a couple of flowers on your favorite tetraploid iris. Plant the seeds (50-100) three inches apart in a circle or semicircle around the parent clump. At the end of the first summer, weed out all but the ten most vigorous seedlings and space them about nine inches apart in the area around the parent clump. When these seedlings bloom the next year, cross them back on the parent clump and repeat the process, planting the seeds out from the seedling parent in a wider circle or semicircle. Also, this is a good excuse to expand your garden into your lawn!

Up to this point you don't even have to keep records of what you did, as it is right there under your nose. However, if you want to make further progress, then sibling cross your favorite and most vigorous seedlings and keep records. If you want to further improve your new cultivar, you can cross back onto both of the parents of the cultivar you initially selfed. You may discover which parent was carrying the hidden recessive you revealed. Outbreeding to an unrelated cultivar with the same trait may bring in other good traits and produce seedlings with your revealed trait. But be prepared to be surprised.

Now, why will this procedure lead to an award-winning new cultivar? First, selfing a tetraploid causes little genetic harm. Selfing will bring out hidden recessive traits. By discarding the weak seedlings as described above,



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you will eliminate seedlings with bad recessive traits and will never see them bloom. In this way you won't even be tempted to work further with them. By repeatedly crossing back onto the parent, you will reintroduce its strengths. By selecting the best seedlings to sibling cross, you will further enhance exciting new traits and increase the strength of good traits.

There are many hidden mutations and recessive traits that will never see the light of day unless someone does precisely what is outlined above. It is a proven way to wring out the hidden diversity in the iris gene pool. (In scientific jargon, you will have expressed for all to see the novel phenotypes from recessive genes of unexpressed traits that were hidden in the genotypes.) If just fifty new hybridizers would give this a try, we could inject an enormous amount of progress into successful iris breeding. Wouldn't this be fun with Megabucks, Romantic Evening, Pagan Dance, Honey Scoop, Colleen's Dreamsicle, Twice Told, Dusky Challenger, Fancy Woman, etc.? We have already done this with Pledge Allegiance and obtained three very novel iris cultivars what are vigorous and deserve to be introduced. We sell about fifty iris cultivars every season and about a third of them make good pods and seeds. The fun and fantasy of iris hybridizing is calling out to you: "Become a bee!" This could be a fun project for a youth member. 🐝

The Japanese Iris

edited by Kuribayashi Motajiro and Hirao Shuichi
printed by the Japan Iris Society

Offered for sale by the Fresno Iris Society, the book had only one previous owner and is in mint condition, in its original box. Included are the letter from the original owner inquiring about it and two flyers, one in English and one in Japanese. An English translation of the picture titles is in the back of the book. Only a limited number were issued. Minimum bid \$1,000.00. If interested, contact Fresno Iris Society c/o John Weiler, 1146 West Rialto Ave., Fresno, CA 93705. Phone (559) 229-6434. Deadline for bids is postmarked no later than June 30, 1999.

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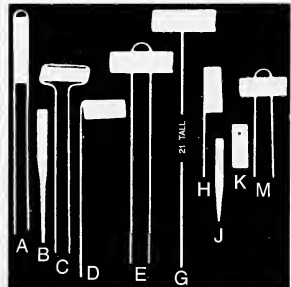
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The Gardener's Iris Book

by William Shear

176 pages, 163 color photos.

In this book William Shear, a 40-year veteran of iris growing, shares his expertise in choosing, planting, growing and propagating exquisite irises of many types. Cultural advice for the most desirable and adaptable iris types allows the gardener to choose the irises best suited to his region of the country.

Single copy: \$17.00, postpaid

Affiliates & Sections, 10 or more copies: \$14.00 each, postpaid

Available through AIS Storefront.

See page 119 for ordering instructions.

AIS Display Screens

AIS Now has two display screens available for your trade shows and fairs. If the one closer to you is already taken, please try the other one to see if it is available for your date. To order, contact one of the following:

Screen #1 (West)

Ed Wilkinson

4145 Lincoln Ave

Oakland, CA 94602

Screen #2 (East)

Joan/Ken Roberts

341 Schwartz Rd

Gettysburg, PA 17325

Phn: (717) 338-1657

Fax: (717) 338-0247

Remember to reserve early. The screens are shipped UPS collect, and your society pays the cost of returning the screens also. Directions for setting up and taking down are inside the cover of the case. The pictures are expensive—please handle carefully.

1999 AIS Judges

Interim List

reported by Ron Mullin, Oklahoma

Key:

A: Apprentice
G: Garden
AM: Active Master
RM: Retired master
E: Emeritus
**: RVP

RM James R. Welch
G Andrew Wheeler
G Deborah Wheeler
G Edward W. White
G John W. White
G Rebecca K. Wong
G Peter J. Young

A Edmund Jay Holcomb
AM Sterling U. Innerst
G Theresa Jewell
AM Mrs. R. P. Kegerise
G Jason A. Leader
G Patricia A. Leader
A Vincent Lewonski **
AM Ellwood Maltman
G Mrs. Arthur F. Martin
G Geraldine McFarland
G Robert M. McFarland
RM Mrs. Stephan Molchan
G Bettie Nutter
G Donald E. Nutter
G Joan Roberts
G Ken Roberts
G June Roop
AM Elizabeth Unruh
G Joan R. Wood

Region 1

A Bruce Bennett
G Ruth Bennett
G John H. Burton II
G Lucy G. Burton
G Paul J. Dostie
G Mrs. L. L. Doucette
G Chandler Fulton
G Elaine Fulton
RM Mrs. Frederick W. Gadd
G Ada Godfrey **
G William Godfrey
G Connie M. Hall
AM Dr. Warren C. Hazelton
G Mrs. Warren C. Hazelton
G Richard Kiyomoto
AM Walter Kotyk
G Lynn F. Markham
G Stephanie A. Markham
RM Mrs. F. J. McAliece
E Dr. Currier McEwen
RM Marilyn R. Noyes Mollicone
AM Russell B. Moors
AM Mrs. Russell B. Moors
G David Nitka
E William H. Peck
AM Mrs. Maurice B. Pope, Jr.
AM Mrs. Keith Roberts
G Robert H. Sawyer
G David Schmieder
AM Mrs. David Schmieder
AM Marian H. Schmuhl
RM Mrs. Carl G. Schultz
RM Robert Sobek
RM Shirley A. Varmette
E Kenneth M. Waite
RM Mrs. Kenneth M. Waite

Region 2

G David Baehre
A Joanne Bassett
AM James G. Burke
AM Ruth C. Burke
G Kathleen Colburn
G Dorothy Fingerhood
AM Maria Gerbracht
AM James Gristwood
G Kathleen Guest
RM Jane I. Hall
G Janice L. Haney
A Donna James
G Robert A. Keup
A Eugene Koschera
A Mildred Koschera
G Don Lowry
G Donna Lowry
A Kathryn E. Mohr
A Joanne Pyszczyk
AM Wendy K. Roller
G Dr. Carolyn Schaffner
RM G. M. Schifferli
G Helen Schueler
G John Schueler
A Mary Jane Shanley
RM Mrs. Granger S. Smith
G Judith Tucholski
RM Dr. Edward Valentine
G Peter Weixlmann **

Region 3

RM Walter C. Betzold
RM W. H. Clough
G Charles Conklin
G George W. Gerhardt
G Harold L. Griffie

Region 4

A Barbara Alexander
A David W. Bowen
G Pat Bowen
G Randell Bowen
G Sandra S. Bryan
A Janis Bryant
G Libby A. Cross
G S. Herman Dennis III
G Mrs. Joseph P. Dufresne
E Dr. E. Roy Epperson
E Mrs. Frank H. J. Figge
RM Mrs. Glenn Grigg, Jr.
RM Mrs. Charles L. Hare
A Ruth Brown Holbrook
G Walter Hoover
G Dr. L. Bruce Hornstein
AM Mrs. Paul D. Kabler
RM Nancy Karriker
G Anne Lowe
G Mike Lowe
G Clarence E. Mahan
G Sara R. Marley **
RM Mrs. Fred M. Miller
G Barbara Moeller

G Bill Mull
 G JaNiece Mull
 G Flossie Nelson
 RM Dr. Joseph B. Parker, Jr.
 A Dennis C. Pearson
 G Caryll Randall
 A Bea Rogers
 G Daniel Schlanger
 G William C. Smoot
 AM Richard Sparling
 A Dr. Donald M. Spoon
 A Virginia Spoon
 AM Mrs. Richard D. Steele
 E F. G. Stephenson
 G Frances Thrash
 AM Mrs. James H. Trent
 G Ruth E. Walker
 AM Mrs. Andrew C. Warner
 RM Dennis A. Wilkie
 G Carrie Winter
 E Dr. Lloyd Zurbrigg

Region 6

G Mrs. Wayne C. Smith, Jr.
 AM Robert L. Terpening
 AM Mrs. Robert L. Terpening
 G Joyce Thrift
 AM Harry Turner
 AM Joe Scott Watson
 AM Mrs. A. D. Wilder
 G Fredericka R. Wilson
 AM C. E. Yearwood
 A Sandra L. Rawlings
 RM Bruce Richards
 G Charles Rumbaugh
 RM John D. Rusk, Jr.
 A James R. Ryan, Jr.
 AM Mrs. Harold Slessman
 E Dr. Harold L. Stahly
 AM Marjorie Starkey
 RM Fred L. Taylor
 AM Eugene D. Tremmel
 A Adrian Van Heusden
 G Joan H. Verwilt
 A Virginia Wesche
 G Cliff Wilde
 AM Anthony Willott
 AM Mrs. Anthony Willott
 G James H. Wilson
 G Doris Winton
 G Donna Wolford
 G Harry E. Wolford
 G Debby Zook

Region 5

A Mary T. Bolton
 G Brenda Briley
 G Patricia D. Brooks
 RM Russell Bruno
 RM Mrs. Russell Bruno
 G Alm P. Burgamy
 E Mrs. Wells E. Burton
 A R. Lee Byous
 A Doris Detry
 A Ken Duke
 G Marshall Goforth
 G Carolyn R. Hawkins
 AM Nina R. Hawkins
 G Mrs. Arvid Honkanen
 G Sara T. Hood
 RM Jean House
 RM Mrs. Frank L. Johnson
 G Maggie Johnson
 G Mrs. Donald E. Jones
 RM Grady Kennedy
 RM Mrs. Grady Kennedy
 G Mrs. A. J. Kirby
 G Billy J. Langston
 AM Rev. Everette L. Lineberger
 G Ted Mansfield
 G James B. McRae
 AM Mrs. Edward L. Paquet
 G Steve Smart
 G Wayne C. Smith, Jr.

RM Doris M. DeHaan
 G Alice Eich
 G Rolla Eich
 G Richard B. Ferris
 RM Mrs. Albert Fillmore
 RM James J. Foreman
 G Douglas Fuhrmeyer
 A Joy Fuhrmeyer
 G Dorothy L. Hartman
 A Richard Hartman
 AM Emma Hobbs
 G R. M. Hollingworth
 G Howard Hughes **
 AM Wilford James
 G Rae J. Johnson
 G Shelley Lynn
 AM Virginia Maynard
 AM Lynda Miller
 AM Roger Miller
 AM Mrs. Ronald F. Miller
 AM David Mohr
 G Kathy J. Moore
 AM Nona Moore
 G Carol Morgan
 AM Marlyn N. O. Nelson
 AM Jack E. Norrick
 G Richard O'Melay
 G Eileen O'Melay
 RM C. D. Overholser
 RM Mrs. D. Olen Rawdon

Region 7

RM Rodney A. Adams
 G Julie Allen
 G George Atkins
 G Mrs. George Atkins
 G Sue Ann Barnes
 AM James M. Bingham
 RM Mrs. Stanley Boren
 G Eleanor M. Boyson
 RM Franklin P. Brewer
 AM James R. Browne
 G Larry R. Browning
 G Mrs. Larry R. Browning
 AM Betty Burch
 AM Carol Burch
 AM James G. Burch
 G Catherine Church
 G Eugene Church
 AM J. R. Collins
 AM Mrs. J. R. Collins
 AM Robert H. Cosby, Jr.
 E Hilda Crick
 RM Albert C. Dierckes
 RM Mrs. Albert C. Dierckes
 A Bobby Eakes
 A Pat Eakes
 RM Dr. Frank B. Galyon
 G William L. Ginter
 G Gwen Godwin
 RM Lois Hill

G Virginia Hill
 G Judith Hunt
 G M. Dean Hunt
 AM Evelyn G. Irwin
 G Leslie Jobe
 G Wayne Jobe
 RM Glenna Johnson
 AM Lucy Carrington Jones
 AM Mrs. Donald R. King
 RM Thelma Lamb
 RM Mrs. M. A. Luna
 AM Jerry Phillips
 AM Mrs. Jerry Phillips
 G June F. Richards
 G Ernest L. Royal
 G Mrs. Earnest L. Royal
 G Gary D. Sides
 RM George D. Slade
 RM Mrs. George D. Slade
 G Robert L. Strohman
 G Willa Swack
 G Hugh Thurman
 G Mary Thurman **
 G Maynard D. Vanhorn
 G Mrs. Maynard D. Vanhorn
 RM William W. Vines
 RM Robert C. Walsh
 RM Mrs. Robert C. Walsh
 RM Mrs. W. C. Wilder
 E Phillip A. Williams

Region 8

RM Mrs. Peter Baukus
 AM Melvin Bausch
 AM Mrs. Melvin Bausch
 RM A. G. Blodgett
 G Janice M. Broich
 G Howard Brookings
 AM Joan Cooper
 AM Mrs. R. W. Dalgaard
 G W. E. Doehne
 A William C. Dougherty
 RM Mrs. Leroy Duvall
 G Gloria Fairhead
 G M. Lynne Fell
 AM Mrs. DuWayne Giefer
 AM Mrs. David Hempel
 A Virgil Ingbretson
 G Tracy W. Jennings
 RM Evelyn D. Johnson
 RM Royal O. Johnson
 G Edwin W. Kelsey **

AM Dr. Donald Koza
 AM W. A. Machulak
 AM Mrs. W. A. Machulak
 RM Lavone R. Ney
 G Tommy Nollie
 G David E. Shannon
 G Victoria Sibell
 E Wilbert G. Sindt
 AM Mrs. Wilbert G. Sindt
 RM Mildred Stover
 G Marlene Wolinski
 G Jack Worel

Region 9

RM Donovan Albers
 G Margaret G. Bensen
 G John L. Bilski
 AM Orville Dickhaut **
 AM Mrs. Orville Dickhaut
 RM Marge Hagberg
 G Anne Hamblin
 G Dale L. Hamblin
 AM Cathy Simon Hendrickson
 A Jeanette Hensley
 A Ann Henson
 A Julie A. Irwin
 RM Mrs. Karl F. Jensen
 G Margaret J. Kelly
 G Alice G. Kudrna
 AM Susan Leeper
 G Mrs. Roland J. Meyer
 G Nancy D. Pocklington
 AM George S. Poole
 AM Mrs. C. J. Simon
 AM C. J. Simon
 G Leslie Jean Smith
 G Sylvia W. Smith
 G Joseph Stien
 G Shirley M. Stien
 RM Florence E. Stout
 RM John M. Thompson
 G Mark Timko
 G Nancy Simon Timko
 AM D. Steve Varner
 G Jerry Wilhoit
 AM Melody Wilhoit

Region 10

RM Aline Arceneaux
 RM Mrs. C. W. Army, Jr.
 G Elaine Bourque **
 AM Mrs. James J. Deegan

G Sandy Duhon
 RM Marvin A. Granger
 G Dorman Haymon
 AM Mrs. Hubert Rena

Region 11

AM Eileen Allison
 G Ken Baier
 G Rose Mary Baier
 G Donna Bowers
 G Jerry C. Bowers
 A Claudia H. Brown
 RM Donald Chadd
 A Carol L. Coleman
 A Louisa Cone
 A Irene DeRose
 G Janet DeRousse
 G R. W. Gray
 G Mrs. R. W. Gray
 RM Robert L. Jensen
 RM Mrs. Alfred Kramer
 G Carryl Meyer **
 A Lucille Pinkston
 A Edna V. Rosenbaum
 A Charles Stanley
 G Alverta Symes
 A Angeliqve Violette

Region 12

RM Hiram L. Ames
 RM D. C. Anderson
 G Joseph A. Brown
 AM Mrs. David E. Burton
 AM Larene B. Done
 RM Charlotte T. Eåster
 G Charell Harris
 G Jared Harris
 G B. Brad Kasperek **
 G Kathie Kasperek
 A Joan R. McFadden
 G Thomas J. Miller
 AM Suzanne Parry
 A Darlene Pinegar
 AM Cathy Hagan Reed
 G Lois W. Reeder
 G Robert W. Reeder
 AM Mrs. Merlin Tams
 AM DeRay Taylor
 G Dr. Alan Toronto
 AM Keith H. Wagstaff
 G Jeffrey L. Walters
 A L. Val Wilson

Region 13

G Ellen Abrego
 G Thomas Abrego
 RM Patricia Adams
 AM Barbara Aitken
 AM Terry Aitken
 G Elaine Bessette
 AM Paul Black
 G Carole Breedlove
 AM Dr. Alan D. Brooks
 G Caroline Burke
 G Rita E. Butler
 AM Eunice Jean Cass
 A Don Clark
 G Deborah A. Cole
 RM Merle Daling
 RM B. Leroy Davidson
 AM Mrs. Joe Del Judge
 AM Joanne Mentz Derr
 RM F. Duncan Eader
 G Arnold W. Ferguson
 G Lynn Finkel
 G Barbara Flynn
 AM Frank J. Foster
 G Debra Gillespie
 G Mildred Grow
 G Doris K. Hale
 G Eldon J. Hale
 AM Paul Harms
 G Chad Harris
 G Fran Hawk
 G Tom Johnson
 E Bennett C. Jones
 G Charlotte Keasey
 E Keith Keppel
 G Carla Lankow
 AM George F. Lankow
 RM Evelyn R. Lemire
 G Mrs. Ted Lind
 G John W. Ludi
 G Keith McNames
 G Clyde Mead
 G Johnnie Lee Mead
 AM Duane E. Meek
 AM Joyce Meek
 RM Roger R. Nelson
 AM Frank H. Nickell
 AM Warren E. Noyes
 RM Donald L. Peterson
 RM Fern E. Pilley
 A Tracy Plotner
 G William E. Plotner

E Lorena M. Reid **
 AM Gerald L. Richardson
 RM Jayne Ritchie
 AM David Schreiner
 AM Ray Schreiner
 E Robert Schreiner
 AM Doris E. Shinn
 AM David Silverberg
 RM Mrs. S. M. Sisley
 G Marky D. Smith
 RM Chet W. Tompkins
 RM Mrs. Lewis Trout
 AM Julius Wadekamper
 E Jean G. Witt

Region 14

A Helen Bliven
 AM Carl H. Boswell
 AM Mrs. Carl H. Boswell
 G Anna Cadd
 G David Cadd
 G Stanley Coates
 AM Mrs. Jack H. Cochran
 RM Mrs. Mark Condo
 AM Glenn F. Corlew
 RM Mrs. John Coscarelly
 G Christine Dickinson
 E Sidney P. DuBose
 G Abe Feuerstein
 E Joseph J. Ghio
 E Ben A. Hager
 RM Mrs. Robert E. Haley
 AM Gigi Hall
 RM Marilyn Harlow
 RM Merry L. Haveman
 AM Evelyn Hayes
 AM Marilyn Holloway
 AM Michael O. Howard
 AM Berkeley Hunt
 G Barry Ivens
 G J. Nelson Jones
 G Frederick J. Kerr
 AM Virginia Keyser
 G Marcy Lauer
 G Richard Lauer
 G Kitty Loberg **
 RM Maryann Manning
 RM William R. Maryott
 G Ed Matheny III
 AM Hal Mattos
 G Joanne McGrew
 AM Mrs. William Messick

AM Jean Near
 G Gordon Nicholson
 G Lorraine Nicholson
 AM Mrs. R. Nelson Nicholson
 G Yolanda Olsen
 RM Capt. M. C. Osborne
 G Cloudia Owen
 G William T. Owen
 AM Fred C. Parvin
 G Jean Paul
 G Joyce Ragle
 AM Lucile Ray
 AM Alan D. Robbins
 G George H. Sutton
 G Margaret Sutton
 AM Richard A. Tasco
 RM Mrs. Sven I. Thoolen
 G Shirley Trio
 G Mrs. Hiromi Uyeda
 A Dorlene Waite
 G Howard Wald
 G Lee Wald
 AM Mrs. W. G. Waters
 AM Dr. John Weiler
 RM Edith P. Wheeler
 G Barbara Whitely
 G James Whitely
 AM Bryce Williamson
 RM Vernon Wood
 G Sharon Wylie

Region 15

G Gail Barnhill
 E Mrs. William E. Barr
 G Irene Benton
 AM Bob Brooks
 G Peggy Carpenter
 RM Thelma H. Carrington
 G Hazel E. Carson
 RM Janice Chesnik
 RM Ralph Conrad
 RM Mrs. Ralph Conrad
 G Ladonna Cypret
 G Olen Joe Daugherty
 RM Mrs. Donald Dopke
 G Eileen Fiumara
 RM Mrs. Harry B. Frey
 G Derry Gerald
 G Jim Giles
 G Georgia I. Gudykunst
 AM Dr. Herbert C. Holk **
 AM Mrs. Herbert C. Holk

AM	Debby Humphreys	E	Mrs. Walter Colquitt	G	Lee Charlton
AM	James H. Jones	G	Billie G. Corbell	G	Paula Charlton
G	Ardi Kary	AM	Jim D. Coward	RM	Mrs. James Lee Chism
E	Harry B. Kuesel	AM	Luella Danielson	G	Jon Marc Cliburn
G	Marjorie Larson	RM	Mrs. Dee Davis	G	Donald Delmez
RM	Eleanor McCown	RM	Mrs. Doyle Gray	AM	Dolores Denney
G	Lynn McIlwain	AM	Gordon Green	AM	Mrs. Ralph H. Dierkes
G	Mrs. David Mogil	AM	Hazel M. Haik	AM	Geneva Dies
AM	Dr. Edward Murray	G	Nona Hoecker	RM	Mrs. Julius Dutton
G	Joella R. Olson	AM	Mrs. Charles A. Howard	G	Barbara Fouts
E	Mrs. Edward Owen	A	Mary L. Huggins	G	Kevin Gormley
G	Jeanne C. Plank	AM	Mrs. J. H. Jamieson	AM	Norman Gossling
G	James Puckett	G	Jim Keefe	G	Mike Hargrove
G	John H. Reinschmidt	AM	Mrs. Vernon H. Keesee	G	Jim Hedgecock
G	Bill Rinehart	RM	Mrs. Harley L. King	AM	Calvin H. Helsley
G	Ollie Rust	G	David Lamb	G	Nyla Hughes
G	D. L. Shepard	G	Peggy Lamb	G	Dan Isbell
AM	Mrs. D. L. Shepard	RM	W. D. Lee	G	Vince Italian
G	Gerald Snyder	G	Bonnie Nichols **	G	Mitch Jameson
RM	Robert O. Sorensen	AM	Hooker Nichols	RM	Rev. Robert R. Jeffries
G	Mary Ann Spurlock	RM	William K. Patton	G	Denyse Johnson
G	Hilward Stenson	G	John Phillips	G	Audrey Judy
RM	Kay Tearington	G	Mrs. John Phillips	G	Dan C. Judy
G	Jane Troutman	RM	Mrs. Dwane Quinn	A	Judy Keisling
E	Marion R. Walker	RM	Sam Reece	A	Ray Keisling
G	Jack Weber	E	Mrs. C. C. Rockwell, Jr.	G	Joan Kellar
G	John Wight	G	Patsy L. Rosen	AM	Mrs. Edwin W. Knight

Region 16

G	Catherine Boyko **	G	Keith Smith	G	James Loveland
G	Harold R. Crawford	RM	Frank L. Stephens	AM	Mrs. Robert Mark
G	Raymond A. Ives	AM	Floyd Stopani	AM	Mrs. M. J. McHugh
AM	Verna Laurin	G	Helen Stopani	G	Kevin J. Morley
A	Maureen Mark	G	Debra Strauss	AM	James W. Morris **
G	Daniel P. McMillen	G	Ellen Sullivan	AM	Mrs. James W. Morris
G	Gloria McMillen	RM	Mrs. A. M. Tallmon	G	James Murrain
G	James McMillen	G	Mary Wilber	A	Barbara Nicodemus
G	Ken Viner	A	Diana L. Winship	AM	O. D. Niswonger
		RM	Mrs. Leon C. Wolford	RM	Katherine Perry

Region 17

G	E. A. Addington			G	Robert Pries
G	Robert W. Alexander			G	Riley Probst
G	Alene Arnold			RM	James Rasmussen
G	Dr. L. M. Begley			AM	Helen E. Reynolds
G	Dana Brown			AM	Mrs. Robert H. Robinson
G	Vernon Brown			RM	Elvan E. Roderick
RM	Mrs. Lawrence Burt			RM	Mrs. Elvan E. Roderick
G	Pat Byrne			G	Barbara Schuette
E	Marie Caillet			G	Stephen P. Smith
G	J. Farron Campbell			G	Susan H. Smith
G	Edna Carrington			G	Mrs. Von Smith
RM	Dr. Jesse W. Collier			G	Stephen Stevens

Region 18

G	Mrs. L. E. Anderson			G	Mrs. Stephen Stevens
G	Alvin Apsher				
A	Patricia Ardisonne				
G	Nancy Barnum				
G	Jan Bates				
AM	Mrs. August Bellagamba				
RM	Clifford W. Benson				
RM	Roy Bohrer				
RM	Mrs. Roy Bohrer				
AM	Harry J. Boyd				
AM	Mrs. Harry J. Boyd				

G Eric Tankesley-Clarke
 G Robert Tankesley-Clarke
 G Dennis Van Landuyt
 AM Annette J. Vincent
 G Dr. James W. Waddick
 G C. L. Walz
 RM George W. Warner, Jr.
 A Adrian Wills
 A Naida Wills
 G James Winzer
 G Annabelle Wiseman
 G Mary Wyses

AM Thomas L. Magee
 AM Suzanne McCarthy
 G Ellen McIntosh
 AM David G. Miller
 AM Michael Moller
 G Nina Moller
 G Patricia Morgan
 G Randy P. Penn
 AM Betty Roberts
 G Robert E. Stetson II
 G Verona Wiekhorst
 AM Warren Wiekhorst

G Neal E. Pohlman
 G Calvin H. Reuter
 A Viola Schreiner
 G V. O. Sellers
 RM Mrs. Kempton Settle
 G Tim Stanek
 G Barrett Stoll
 AM Lynn Stoll
 G Gary E. White
 G Henry Wulf
 G Opal Wulf

Region 19

AM Elizabeth Aulicky
 AM Raymond J. Blicharz
 G Chun Fan
 G Erin Marie Griner
 G Joseph J. Griner
 G Margaret Griner **
 G Martha Ann Griner
 G James P. Holmes
 RM Dr. Norman H. Noe
 AM C. B. Reeves, Jr.
 AM Mrs. C. B. Reeves, Jr.
 G Raymond J. Rogers
 AM Nancy Szmuriga
 E Elizabeth W. Wood

Region 21

A Susan L. Anderson
 AM Mickey Anson
 RM Ardeth J. Bailey
 AM Irene H. Boardman
 G Marian Burleigh
 A Marie Cain
 RM C. T. (Chuck) Claussen
 RM Signey Claussen
 AM James L. Ennenga
 A Mrs. James L. Ennenga
 E Allan G. Ensminger
 AM Mary Ferguson
 G Vincent Fox
 G Mrs. Vincent Fox
 RM Gene Gaddie
 AM Larry Harder
 AM Charles C. Hemmer
 AM Mrs. Charles C. Hemmer
 AM Michael E. Hemmer
 AM Patrick R. Hemmer
 AM Lester Hildenbrandt
 RM Mrs. Leon N. Hockett
 RM Jim Hummel
 RM Vera Hummel
 AM Marjorie Jansen
 G Mary A. Jensen
 RM Dorothy M. Johnson
 AM Eugene J. Kalkwarf
 A Christa Kohout
 G Richard Kohout
 AM Carolyn D. Lingenfelter **
 A Gail Livezey
 A Andrew Lucas
 G James Lucas
 RM Barbara Mapes
 RM Evangeline Martindale
 AM Roger P. Mazur
 G LeRoy Meininger

Region 22

RM Wiley Abshire
 G Ann D. Barrows
 A James B. Bledsoe
 G Doris Boyles
 RM Richard Butler
 G Dorothy I. Cantwell
 G Ray Cantwell
 G Louise Carson **
 G Peggy Chumley
 G Mrs. Willie C. Cooper
 AM C. A. Cromwell
 AM Mrs. C. Wayne Drumm
 AM Perry Dyer
 RM Mrs. Dan Edelman
 G Leigh M. Ellis
 AM Mrs. Howard Estes
 G M. D. Faith
 G Ramona French
 G Carol Goldsberry
 AM Paul W. Gossett
 G Bonnie Hadaway
 G June P. Hardy
 AM James Hawley
 AM Rilla M. Hickerson
 G Greer Holland
 G Maryann Holman
 E Mrs. Robert C. Howard
 AM LaVera Johnson
 G Helen Jones
 RM Dr. W. E. Jones
 RM Mrs. Charles E. Kenney
 G Mrs. Trevor Lyons
 AM Betty Lou McMartin
 G F. W. McVicker
 G Robert Medina
 A Peggy Meekins
 AM Leonard J. Michel
 RM Richard E. Morgan
 E Ronald Mullin

Region 20

G Lowell Baumunk, III
 G Glenna Chapman
 AM Duane W. Daily
 G Kayellen R. Daily
 AM Linda M. Doty
 E Dr. Jack R. Durrance
 G Russell Eacker
 G Carol Eacker
 G Francine M. Evers **
 AM Catherine Long Gates
 G Dennis B. Gates
 RM Joseph H. Hoage
 AM Mrs. Morris James
 RM Dr. Carl Jorgensen
 G Helen Kinnamon
 G John Kinnamon
 G Jerilyn Knudtson
 G John Knudtson
 AM Roy Krug
 G Barbara Lewis
 E Everett Long
 G Lynda D. Love

E Perry L. Parrish
 G Kathy L. Poore
 A Lyle A. Reininger
 G Randy Renner
 RM Mrs. William M. Rhodes
 AM Henry C. Rowland
 G James W. Russell
 G Sue Schaefer
 AM Marthella Shoemake
 G Ruth B. Simons
 G Aline Smith
 G Fred J. Smith
 G James K. Smith
 G Mary A. Smith
 RM Susie Smith
 RM Mrs. Cyrus Stanley
 RM L. D. Stayer
 RM Mrs. L. D. Stayer
 AM Philip Stonecipher
 AM Mrs. Philip Stonecipher
 A Patricia Tanton
 G June Tomlinson
 G Mary P. Watson
 G Leeroy E. Will
 G Beatrice Williams
 G Mrs. John H. Williams

Region 23

G Karen Bergamo
 AM Mrs. Milton J. Clauser
 AM Bill R. Coursey
 G Phil Doonan
 G Sara Doonan
 AM Barbara Figge **
 RM Wilma Friedline
 A Clifton Frosch
 G Doug Goodnight
 G Dorothy Gordon
 RM Mrs. Earl Gould
 G William S. Huey
 G Reita Jordan

G Dr. Scott Jordan
 AM Mrs. Douglas Latimer
 A Tom Tadfor Little
 AM Robert A. Mallory
 G Alma Maxwell
 RM J. E. McClintock
 G Peter McGrath
 A Pegi Naranjo
 RM George A. Nickel
 AM Maxine Perkins
 G Patricia Randall
 G Audrey C. Roe
 AM Mrs. Howard Shockey
 G Suzanne Sluizer
 RM Mrs. Robert D. Steele
 G Mary Ellen Tafoya
 AM Mrs. Walter C. White

Region 24

RM B. Howard Camp
 RM Mrs. B. Howard Camp
 AM Margaret Connally
 G Sue Copeland
 G Evelyn Davenport
 G Jane C. Desmond
 AM T. A. Gilliam
 G Clara Henderson
 A Mrs. Billy H. Jones
 AM J. W. Kuykendall, Jr.
 AM Mrs. J. W. Kuykendall, Jr.
 AM Joe M. Langdon
 AM Mrs. Joe M. Langdon
 AM Nan Elizabeth Miles
 E Mrs. Raymond N. Miller
 AM Walter Moores
 AM Edith Mitchell Nevels
 A Leland E. Parkins
 A Carrie Rice
 AM Donald R. Saxton
 AM Mrs. Donald R. Saxton
 RM Sarah Scruggs
 AM Mrs. R. P. VanValkenburgh

Overseas:

Australia

AM John O. Baldwin
 G Barry Blyth
 AM Graeme Grosvenor
 RM Robert Raabe
 G John Taylor

Belgium

G Koen Engelen
 G Willy Hublau

England

G C.E.C. Bartlett
 E H. R. Jeffs
 AM G. H. Preston
 AM N. K. Scopes

France

AM Jean Cayeux
 AM Dr. Jean Segui

Germany

G Rainer Zeh

Italy

G Anne Barbetti
 G Augusto Bianco
 G Fabio Bigazzi
 G Margaret Cameron Longo
 G Maria Carla Monaco
 G Valeria Pallesi Romoli
 RM Prof. Gian Luigi Sani
 G Doralisa Ravenni Santi

Japan

RM Akira Horinaka

Insurance Information

Note: New phone number for Michelle Snyder:
 (213) 430 4370

The American Iris Society

Profit and Loss: October through December 1998

	Bulletin	Gen. Fund	Life Memb.	Membership	Storefront	TOTAL
Ordinary Income/Expense						
Income						
Earned Interest		7,742				7,742
Loans		200				200
Section Dues				86		86
Membership Dues			3,300	46,842		50,142
Gifts and Donations	-200			256	56	
Bulletin	2,615					2,615
Committees		2,811				2,811
Address Labels		15		15		30
Other income		645				645
Refunds				14		14
Registrations		1,467				1,467
Storefront Sales					11,231	11,231
Total Income	2,615	12,680	3,300	46,957	11,487	77,038
Expenses						
Advertising			68			68
Bank Service Charges		5		22		27
Bulletin Expense	17,464					17,464
Committee Expenses		5,090				5,090
Contract labor		600				600
Insurance		1,332				1,332
Membership Secretary		113		2,616		2,729
Other		134				134
Registrar		379				379
Returned check		25				25
Robbins		99				99
Sales Director					1,031	1,031
Secretary				58		58
Treasurer Expenses		79				79
Total Expense	17,464	7,923		2,696	1,031	29,114
Net Ordinary Income	-14,849	4,757	3,300	44,260	10,456	47,924
Net Income	-14,849	4,757	3,300	44,260	10,456	47,924

Balance Sheet: As of December 31, 1998

ASSETS

Current Assets

Checking/Savings

Advertising Account	5,175.27
General Fund Savings Bank	79,993.75
Life Membership Bank CD	108,560.15
Membership Secretary Accounts	9,333.88
Secretary's Accounts	7,185.76
Washington Mutual MM	30,003.82
Total Checking/Savings	240,252.63

Total Current Assets

TOTAL ASSETS	240,252.63
LIABILITIES & EQUITY	0.00

The above figures are based on current bank and savings balances and the use of October 1st 1998 bank balances. These are subject to a completed audit.

AIS Storefront

Sale Items & Publications

\$27.00 ***The World of Irises***

Highly recommended! 32 pages of full color. Edited by Warburton and Hamblen, 34 contributors and authors including international authorities. Published in 1978 and most authoritative book on all phases of irises. Scientific and popular. 6" x 9" hard bound cloth cover, 526 pages.

\$15.00 ***Handbook for Judges and Show Officials***

New release! Sixth Edition ©1998.

\$1.50 ea., or ***Basic Iris Culture***. Pamphlets. Great information
\$15.00 for 50 for new iris growers. Ideal for clubs or shows.

\$4.50 ***AIS Bulletins: Back Issues*** (not all issues available)

\$14.00 ea. **Check Lists: 1939, 1949, 1959, & 1969**
Reprint. Soft cover.

\$17.00 **Check List, 1979**
Reprint. Hard cover. Ten-year compilation of registrations 1970 - 1979.

\$17.00 **Check List, 1989**
Hard cover. Ten-year compilation of registrations 1980 - 1989.

\$7.00 ea. **Registrations and Introductions:**
1990, 1991, 1992, 1993, 1994, 1995, 1996, and 1997.

\$2.50 **Bronze 50th Anniversary Medals**
The AIS 50th Anniversary medal in antiqued bronze. Suitable for pendants, show prizes, and special awards.

View Before You Buy!

The official AIS Website now has photos of several of the Storefront sales items, so you can see what they look like.

Go to: www.irises.org

75th Anniversary Collection

\$25.00

Commemorative Medal

Solid Silver, 1 ½ inches across. Only 500 struck.

\$4.50

Bulletin

\$2.50, 1 pack

AIS Seals (50 per pack)

\$10.00, 5 packs

Self-adhesive ovals are larger than a half dollar.
Official design in blue and green on silver background.

1998 & 1999 Iris Calendar - While They Last

\$2.00 each (+\$1.00 shipping)

\$10.00 (+\$3.00 shipping) for packs of 10

\$4.00, 1 pack

Iris Post Cards (16 per pack)

\$10.00, 3 packs

\$25.00, 10 packs

Announcement: AIS can now accept VISA & Mastercard (sorry, no other charge cards) for Storefront orders (minimum order: \$10.00). When charging your order, please include card type and number, expiration date, phone number, and signature.

Prices include postage and handling. Make checks payable to The American Iris Society, or include charge card information. Send order to:

Irv & Nancy Pocklington

Phone: (217) 854-2184

609 Harrington St

Carlinville, IL 62626-1230



Nancy and Irv Pocklington

AIS Bulletin Ad Rates

Changes for 1999:

In an effort to encourage new commercial growers, the AIS Board voted to eliminate the "extra services" fees. The prices below are unchanged, but now include the cost of scanning, text, and layup. The sizes are slightly larger.

Also, we are now using an all-electronic setup with our new printer. As a result, we can no longer simply paste ads on paper. All ads submitted on paper will be scanned. If you have graphic images or logs as part of your ad, it would be best if you send them on a disk, or email them directly to Scott Aitken at <zebra@chcs.com> (payment must still be made through advertising editor).

Shopping Section (formerly the "Commercial Directory") found in the back of each *Bulletin*. Placement is alphabetical.

\$42.00	1 ⁵ / ₁₆ inch	Rate is for 4 issues.
\$58.00	1 1 ⁵ / ₁₆ inch	All ads are 2 1/8 inch wide.
\$73.00	2 1 ⁵ / ₁₆ inch	

Display Advertising (Rate is for single issue)

Black & White:

\$35.00	1 inch	1 x 4 1/4
\$46.00	1/4 page	1 7/8 x 4 3/8 (wide), or 3 3/4 x 2 1/8 (tall)
\$58.00	1/3 page	2 1/2 x 4 3/8 (wide), or 7 1/2 x 1 1/2 (tall)
\$81.00	1/2 page	3 3/4 x 4 3/8 (wide), or 7 1/2 x 2 1/8 (tall)
\$104.00	2/3 page	5 x 4 3/8
\$115.00	3/4 page	5 5/8 x 4 3/8
\$138.00	Full page	7 1/2 x 4 3/8

Color (price plus color separations at cost):

\$150.00	1/3 page mini ad (if space available)
\$276.00	Full page, interior page.
\$250.00	Full page, interior page, 4 consecutive issue discount.
\$400.00	Full page, inside back cover.
\$425.00	Full page, inside front cover.
\$500.00	Full page, outside back cover.

Terms

Payment is due with ad copy. Ads due: July 15 (Oct. issue), October 15 (Jan. issue), January 15 (Apr. issue), April 15 (Jul. issue). Send ad and payment (payable to AIS) to:

Jean Erickson, Advertising Editor (707) 526-5204
4036 Trinity Drive, Santa Rosa, CA 95405

Bulletin of the AIS Shopping Section

AAA QUALITY ENGRAVERS

*Botanical Garden
Quality Engraved
Labels for Iris
& other plants.*



- U.V. Stable
- Quickly Installed
- AAA Service, 1-2 wks.
- Black or Teal Green
- New Round Corners

Ask for FREE SAMPLE

AAA QUALITY ENGRAVERS

5754 Oxford Place, Dept. IR
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(Continental USA Only)

Aarstad's Iris Fields



Tall Bearded

102 E. Harney Lane
Lodi, CA 95242
Phone: (209) 339-4747
thats: DEW-IRIS

Byron Aarstad, Proprietor

Send us a S.A.S.E. for a list
of over 350 varieties



Anastasia

Iris Portraits

**Dramatic everlasting oil or pastel
paintings of your favorite flower. Also,
limited edition prints and notecards
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For a free sample:

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web <http://www.anastasia.com>
or write 5328 SW Hewett Blvd.
Portland, OR 97221

For a catalog send \$3.00 (refundable)

After Hours Iris Patch

Large selection of new and old
bearded iris at affordable prices.
Send \$1.00 for catalog

12119 County Road A
Liberty, MO 64068
816-792-1848

BLUE SKY IRIS

Debbie Gorham and Bob Applegate
19700 NW Adcock Rd
Yamhill, OR 97148

Siberian and Japanese Iris
Price list available upon request

Shopping Section

Aitken's Salmon Creek Garden

Award winning Irises

Introductions by Terry Aitken, Ken Fisher, Chad Harris, Bennett & Evelyn Jones, Carol Lankow, Marky Smith and Jean Witt.



\$2.00 for Color Catalog

Aitken's Salmon Creek Garden
608 NW 119 St
Vancouver WA 98685

Online catalog: www.e-z.net/~aitken

Babbette's Gardens

Specializing in TBs and Daylilies



Send \$1 for Catalog
Please make checks payable to:
Babbette Sandt
40975 N. 172 St East
Lancaster, CA 93535



Old & New
Varieties
GREAT VALUES

BLUEBIRD HAVEN IRIS GARDEN

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SOMERSET, CA 95684



Joe & Donna Spears
910 Pioneer Circle East
Argyle, Texas 76226
940/464-3680

<http://home1.gte.net/argliris>

For Catalog: Send two first
class stamps and your address.

HISTORIC AND MODERN
BEARDED IRISES

Bois d'Arc Gardens

Ed & Rusty Ostheimer
1831 Bull Run Road
Schriever, Louisiana 70360
Phone: 504-446-2329
Louisiana Irises Wholesale & Retail
Color Catalogue: \$2.00



BAY VIEW GARDENS

of Joseph J. Ghio
1201 Bay St. Santa Cruz, CA 95060
Send \$2.00 for catalog listing the finest in Tall,
Louisiana, Pacifica, and Spuria Irises.

Shopping Section

Attention All Iris Collectors !
Computer software to catalog and store your record keeping needs, specifically made for Iris collections.

System minimum: VGA monitor, CPU 486, 586, 686, Pentium, or Pentium II, 8 meg ram, 6 meg disk space, 3.5 floppy. IBM compatible running Windows 95, Windows 98 or Windows NT.

No programming is required.

Visit our web site at benterprises.com

E-mail is bruce@benterprises.com

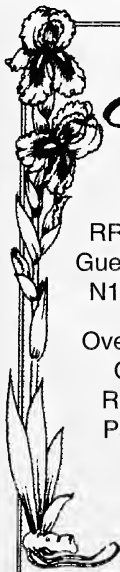
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Send check or money order only.

\$ 29.95 + \$ 6.00 S/H = Total Cost \$34.95.

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Aurora, CO 80011

George Clinton Bush
Clean Shaven Iris
Japanese - Siberian - Species
Big list for a stamp. Reduced Prices.
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York, PA 17402



**Chuck
Chapman
Iris**

RR #1 (8790 Hwy #24)
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N1H 6H7 (519)856-4424

Over 1000 Median & MDB
Over 2000 total IRIS
Rebloomers, Historical
Pseudacorus, Species

\$2.00 for Catalog
Refundable
from order



Specializing in Tall Bearded Irises

Located at 9130 Highway 99E,
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North of Chico.

Catalog \$1 (refundable)
send to

Gene and Tina Cabral
P.O. Box 9264, Chico, CA 95927
530-345-3937



Specializing in TBs, BBs, IB, SDBs, and Spurias.

CAPE IRIS GARDENS

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Cape Girardeau, MO 63701

Catalog \$1.00—Refundable

Dave Niswonger, Hybridizer and Grower

CLARKS GARDENS

RR3 Box 3245
Edwards, MO 65326
MDB, SDB, IB, MTB, BB, AB, TB
Send \$1.00 for price list

Shopping Section

CAL-DIXIE IRIS GARDENS

Largest selection of quality affordable bearded irises (new and old) in Southern California.

Herb and Sara Holk
14115 Pear St.
Riverside CA 92508

Catalog: 2 first-class stamps

CONTEMPORARY GARDENS

of Perry Dyer

Rt. 5, Box 800 Blanchard, OK 73010

Tall bearded, medians, Louisianas and daylilies. Featuring introductions of Perry Dyer, Augusto Bianco (Italy), and Louisianas from Kevin Vaughn (Mississippi).

1999 National Convention Tour Garden.

Send \$2 for 1999 catalog.

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Silverton, Oregon 97381

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THE FINEST OF
TALL BEARDED IRISES
QUALITY RHIZOMES

Incomparable Iris catalog in color

Send \$5.00 for the catalog,
then deduct it from
your first catalog order.

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Siberian and Spuria Irises

Descriptive price list available upon request

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Quality TB, BB, LA
and median irises at
reasonable prices.

— *Introductions by* —
Jim Hedgecock, Henry Rowlan
and Jimmy Burch.

*Beautiful tall bearded color
catalog \$3⁰⁰ for two years.*

*Separate median and
Louisiana lists \$1⁰⁰ each.*

D. and J. GARDENS

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Introductions of Joyce and Duane Meek

See our ad in the April Bulletin
Send \$1.00 for catalog.

DRAYCOTT GARDENS

Siberian and Japanese Irises

Carol Warner
16815 Falls Road
Upperco, MD 21155
(410) 374-4788

Send \$1 for price list.



Shopping Section

DAVID IRIS FARM

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Northern Grown Iris
Newer & older varieties - reasonable prices
TB—BB—IB—MTB—MDB
Send first class stamp for list

Durio Gardens

Albert, Dalton, Ken and Belle

Growers and hybridizers of:

Louisiana iris
Japanese iris
Spuria iris
Iris virginica
Iris laevigata
Iris pseudoacorus

Send \$4.00 for your new, color catalog of irises and daylilies.

Louisiana Nursery
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Opelousas, LA 70570



ENSATA GARDENS

Specialists in Japanese Iris. Catalog of descriptions with culture page: \$2.00

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Galesburg, Mich. 49053

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Specializing in Alternate Flower Form.

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Your garden deserves **EVERGREEN** labels

- Plant name engraved in U-V resistant green plastic plate; slips into galvanized steel backplate mounted on stem.
- Other galvanized steel products: plain plant markers, tag stakes, bloomstalk supports and rose pegging hooks.

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EVERGREEN
GARDEN PLANT LABELS
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CLOVERDALE, CA 95425

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REBLOOMERS
HISTORICS



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e-mail: jforte21@aol.com

Shopping Section

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 IRIS GARDEN

Over 900 Varieties

- * Tall Beards
- * Dwarfs
- * Space Agers
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Reasonable Prices

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Specializing in newer and
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Send for free catalog.

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A FLOWER BED OF IRIS featuring tall and
 median bearded iris at affordable prices.
 Descriptive price list \$1.00
 (refundable with 1st order)

Harmony Iris Gardens

PO Box 3731
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TB, Medians, Rebloomers

Display garden includes
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\$2.00 Catalog (refund with order)
www.harmonyiris.com

Shopping Section

Hermit Bill & Ada Godfrey
3 Pierce St
Foxborough MA 02035

Medlars

Walk

**MDBs, SDBs, MTBs,
IBs, BBs, TBs,
REBLOOMERS**

Display garden includes Louisiana's,
Siberian, Japanese, and Species.

Catalogue \$1 (deduct from order)

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Jim and Vicki Craig

16325 SW 113 Ave Tigard, OR 97224

Tetraploids

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Send first class stamp for descriptive price list

Iris City Gardens

Macey and Greg McCullough

502 Brighton Place

Nashville, TN 37205-2556

615.386.3778 800.934.IRIS

Primarily beardless iris;
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We carry some antique iris,
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Call or write for free catalog.

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Historic Bearded & Beardless Irises.
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of Jay and Terri Hudson

Your Trusted Supplier of:

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Year-round shipments
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E-Mail: irishud@mcn.org



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Santa Margarita, CA 93453

(805) 438-3070

www.thegrid.net/irishill

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Joni L. Renshaw

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Descriptive Catalog
Listing over 1,000
Newer, Hardy TB
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at Affordable Prices.

Shopping Section

IRIS

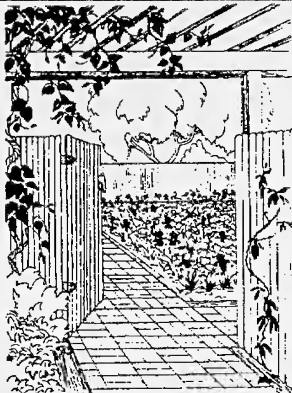
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Tall Bearded-Ariltred-Median

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*Newer irises at
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Catalogue with Pedigrees \$2.00
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Lorena M. Reid
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Shopping Section

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Specializing in Louisiana Irises

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Dorman Haymon

Joe Mertzweiller

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OF AUSTRALIA

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Iris from the "Top of the World"

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MDB's

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Shopping Section

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Newest irises at affordable prices

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*Irises grown in the world famous wine
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Send first class stamp for catalog
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Growing over 1,000 varieties of tall
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Some new and many older irises at
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Price List on Request



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Featuring Tall Bearded Iris — New and Old.
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*"Located in Montana's
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Shopping Section

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Large Selection of Mostly Newer:

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Refundable with first order

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web: http://home.pacbell.net/iris4u/

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Mary Ferguson

PO Box 595 Norfolk, NE 68701

Newer TB and Median Irises



Tall Bearded,
Medians, Siberians,
Species, Hostas
and Daylilies

Price list \$1.00
(deductible with order)

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Sibley, Dazey
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**Iris Capitol
of North Dakota**

Quality Tall Bearded Iris
at Competitive Prices

Please send 2 first class stamps
for price list

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MTBs of Mary Louise Dunderman
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Large listing of MTBs and Species. Also BBs.
Catalog \$1.00

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Large selection of iris
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Shopping Section

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(512) 338-1618 phone/fax

Visa/Mastercard accepted

Clean-shaven iris, Uncommon
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Wildflowers.

Catalog \$1.00



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Riverdale Iris Gardens

Median & Dwarf Bearded
Also: TBs, Siberians
I florentina (orris)

**Tracy W. Jennings
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Descriptive catalog—\$1.00**



Mary Ann Spurlock
805-529-6534

*Rancho
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- REBLOOMING IRIS
- TB - LA - SPURIA - 1000 Choices
- Weddings & Special Events
- Hass Avocados

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Free Catalog On Request



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Reasonable prices
Descriptive Catalog
Send 2 first-class stamps

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email: RSIrisFmTX@aol.com

Shopping Section

Riverview Iris Garden



Offering over 4000 Varieties
of Bearded Iris

Reasonable Prices
Specializing in Rebloomers
and Space Agers

"Try Us - You'll Like Us"

Descriptive Catalog \$5.00
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Caldwell, Idaho 83605
(208) 453-1305



RORIS

RORIS GARDENS

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Tall Bearded Iris

Send \$5.00 for Color Catalog
(Deductible from 1st order)

Our 72 page catalog features
a color photo of every flower we offer.



Sand Hollow Iris Gardens



1000 TB Varieties
Rebloomers, Space Agers,
Dykes Medals & more...

Catalog \$2.00
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Keith Chadwick
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Caldwell, ID 83605
(208) 459-7185

Schreiner's IRIS GARDENS

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Fine Iris for discerning collectors.

GROWERS - HYBRIDIZERS -
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**America's Finest Iris Catalog. Accurate
color illustrations, a treasure trove
of information. \$5.00**



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Older varieties thrive in high altitude, colder
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Send long SASE for list available Apr. 15-Oct. 1

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1000+ choice newer tall bearded irises
200+ newer Medians
List \$1.00 deductible

Shopping Section

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GUARANTEED QUALITY - 1000 CHOICES

Send 2 - 1st Class stamps for catalog



**IF YOU
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Over 1400 varieties
of hardy tall bearded,
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STAR, ID 83669

208 - 286 7079

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Darlene Pinegar
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Spanish Fork, Utah 84660

Hybridizing for RE and SA irises.

Send 2 first class stamps for descriptive
list of TB, Median, RE, and SA irises.

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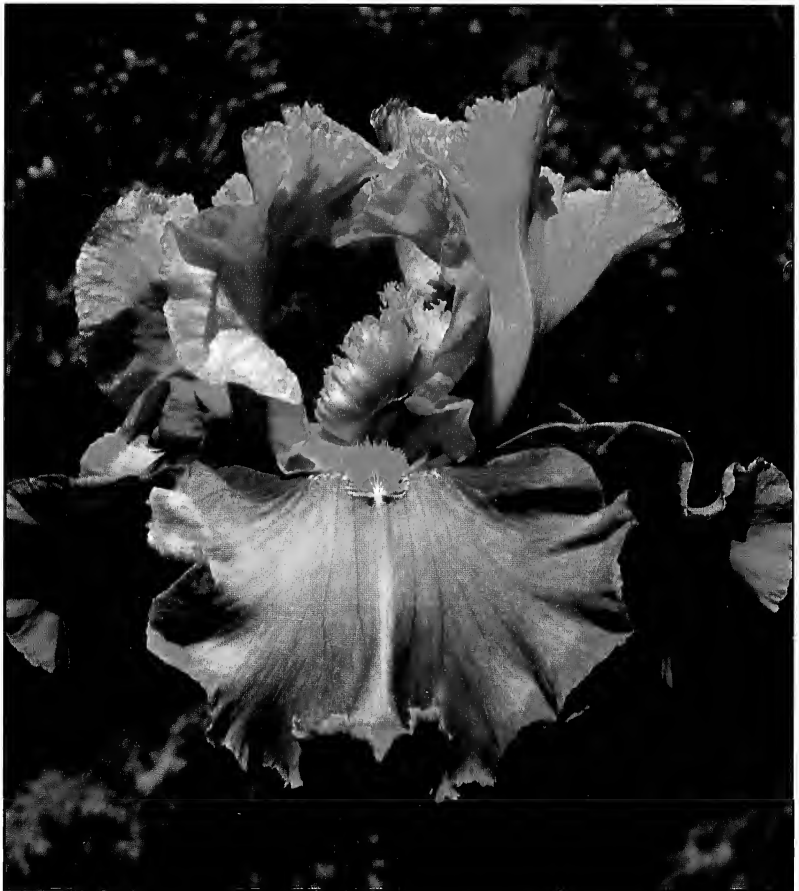
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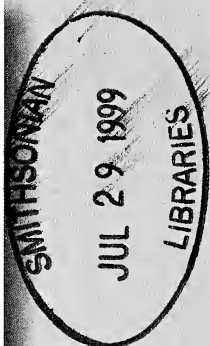
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Editor: Terry Aitken, 608 NW 119th St., Vancouver WA 98685-3802; aitken@e-z.net

Advertising Editor: Jean Erickson, 4036 Trinity Drive, Santa Rosa, CA 95405-7714

Photo Team: Robert Plank, 8426 Vine Valley Drive, Sun Valley, CA 91352-3656

Scientific Editor: Adele Lawyer, 4333 Oak Hill Road, Oakland, CA 94605-4523

Layout & Graphic Design: Scott Collard, *J.S. Collard Design*,
18700 NE 85th Ave, Vancouver, WA 98604; jscdsign@pacifier.com

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Business matters of the Society:

Sara R. Marley, 13358 Sagle Rd., Purcellville, VA 20132-1827 (540) 668-9004.

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AIS Bulletin

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President's Message

by Clarence Mahan, Virginia

I have just returned from judging at the International Iris Competition in Florence, Italy as I sit down to write this message. You will find my report on the competition elsewhere in this Bulletin. The members of the Italian Iris Society were wonderful hosts.

Members of the Italian Iris Society should be very proud of their outstanding competition and of their society. Professor Orsi, who has been president of the Italian Iris Society for a number of years, is a skilled leader of great personal charm. The knowledge and organizing and teaching skills of Margaret Cameron Longo have afforded the society a judges program second to none. Their society is vibrant, rife with enthusiasm and abounding in fun.

One comment I heard several times while in Italy was that only a small cadre of members does almost all the work. My response was that the Italian Iris Society is just like AIS. How often have I heard that same comment from members of iris societies in the U.S. and Canada! But remember this: those of us who choose to work do so out of love for the iris and "iris people."

This year I have asked every AIS member to do a good deed. Share your love of irises with someone else by signing them up for membership. AIS now has a beautiful color "Invitation to Join" for local clubs, iris nurseries and all of us to use in recruiting activities. You can obtain these from our Exhibitions Chairman, Dr. Roy Epperson for the asking.


Consider giving an AIS membership to a friend or relative for a birthday, for Christmas or for a special "thank you" present. It is a gift that can bring great joy to someone when they find out what the world of irises and iris friends has to offer. Sharing the beauty of irises and AIS fellowship is a good deed that rewards both the recipient and AIS.

Regional Vice Presidents are reminded that they have each been challenged to organize one new affiliate this year. There are several ways to go about doing this. One of the best ways is to identify an enthusiastic member who lives in an area with few or no other AIS members and give him or her assistance in setting up a new club. Older clubs can help by offering the new club some iris rhizomes for a sale, and assisting in conducting the sale. If the sale is advertised in the local paper and held at a farmers market or local mall, it will bring out the crowds.

You will find a ballot to vote on a bylaws changes with this ballot. The proposed changes will allow sections to recruit non-AIS members, and in the view of the AIS Board is a positive action for all sections. We hope that these changes will also serve to resolve outstanding issues with the Tall Bearded Iris Society, a matter has concerned so many of our members.

Having come to the close of this message, it is with great personal sadness that I extend to the family of Ruth Simmons sincere, deeply felt sympathy. AIS has not just lost a Secretary, it has lost a friend of the first order. Her joie de vivre, good humor, and dedication were infectious. Ruth spread love and good works everywhere she went. We were all blessed to know her, and doubly blessed to have her as a friend:

Death lies on her, like an untimely frost
Upon the sweetest flower of all the field.

Shakespeare — Romeo and Juliet, Act IV. Sc. 5 

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Annual President's Letter

The American Iris Society

May 5, 1999

Each year the terms of office expire for one third of the twelve directors of the American Iris Society, and four are elected to fill those positions. As provided in the AIS bylaws, a five-member Personnel Committee recommends to the AIS Board of Directors a selection of candidates for nomination as directors. From this list the incumbent Board of Directors chooses by written ballot the slate of four candidates to be presented to the membership.

The Personnel Committee consists of five members selected to serve each year from their parent body: two directors selected by the Board of Directors, two RVPs selected by the Board of Counselors, and one section representative selected by the Section Advisory Board.

Approved during the 1999 spring meeting held in Oklahoma City, Oklahoma, in accordance with the AIS bylaws, the following four individuals are the 1999 nominees for regular three year terms expiring in the fall of the year 2002:

- Candidate #1 Mike Lowe
- Candidate #2 Michael Moeller
- Candidate #3 Shirley Pope
- Candidate #4 Riley Probst

The bylaws provide that additional nominations may be made by any forty members, of whom not more than fifteen may be located in any one region. Such additional nominations must be received by the AIS Secretary on or before September 1, 1999. Should additional nominations be made, a ballot on which all nominees are listed will be mailed on or before October 1, 1999, to all AIS members and must be received by the AIS Secretary or Election Committee (if one is appointed) on or before November 1, 1999. If there are no nominations in addition to those listed above, issuance of a ballot shall be omitted and the original nominees considered elected.

- Clarence Mahan, President

Editor's Message

by Terry Aitken, Washington State

CHASING RAINBOWS. What a great name. A rainbow is an inspiring visual image, always just beyond our grasp, yet hybridizers world wide devote their lifetimes to "the chase."

In the twentieth century there probably was no greater "chaser" than Ben Hager, and how appropriate it is that one of his iris introductions should bear that name. Ben's magic tweezers have ranged across the full spectrum of iris options. His persistence in breeding and keen eye for selection garnered for him first place national awards in all of the iris categories except Pacific Coast irises. I am sure that he would have succeeded in that category as well, in due time, despite his inland climactic handicap. The world has lost a great explorer!

This is simply the opinion of this editor. There are others who knew Ben better and for much longer, and who have a more thorough perspective on his lifetime of hybridizing irises. Their report will be forthcoming as a tribute to Ben Hager in the October Bulletin.

Regarding the bulletin itself, the perfect bind seems to have garnered a broad base of support. There is one shortcoming. We have lost the centerfold which has been valuable for displaying many of the medal winners in earlier issues. They have always been placed in a strategic and prominent location in the Bulletin. With the perfect bind we need to resort to using the covers, inside and out, particularly for displaying these medal winners in the October issue.

Summer is a challenging time to get articles from busy hybridizers. So our series on new colors and/or patterns, as represented by the "Santa" photo in the April Bulletin, will probably have to wait until the January issue.

Mahalo Iris Gardens

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Youth Views

Lets Put More FUN in Iris Functions

by Jean S. Morris, Missouri

CLARK COSGROVE WINNERS ANNOUNCED - **Rusty Thornsburg**

Congratulations to 17-year-old Rusty Thornsburg of Colleyville, Texas, winner of the 1999 Clarke Cosgrove Memorial Award for Youth Achievement. Rusty participates regularly on the Internet in the Friday night Iris Chat and is active in the e-mail group, "iris-talk".

The Ft. Worth Iris Society and the Iris Society of Dallas count themselves lucky to have Rusty as a member and enthusiastic worker. As a skillful auctioneer for the Dallas group he raised over \$2800. at last year's auction. He has brought plants from his garden for club sales and is willing to share his knowledge of irises. He serves on several committees for both iris groups and was co-chairman of the Ft. Worth Iris Society's show in April. He attends the meetings of the Destiny Dallas 2000 Convention planning committee and is excited that he will be attending his third national convention in his own region.

Rusty enjoys competing in shows in both horticulture and design. He grows over 100 iris varieties and has a greenhouse area he built and maintains himself. While TBs are his main interest, especially space agers, he also grows Medians and Louisianas.

Rusty loved the irises in his grandmother's garden in Midland, Texas. He was given some of these varieties to grow in his garden in the Dallas - Ft. Worth area, and thus began what he calls his "magnificent obsession".

One of Rusty's talents is his outstanding writing ability. While recovering from surgery he became proficient on the Internet and wrote an article about the experience for the Ft. Worth club newsletter, and was asked to expand this article for the Region 17 Bulletin. He is also an excellent student and talented artist who paints and sculpts, with the iris as his favorite subject. He is a student judge and a hybridizer with specific goals in mind. He has sought the advice of experienced hybridizers to help expedite his success in attaining his goals.

Rusty is described as intelligent, persistent, well-mannered, sincere, a leader and one who has a thirst for more iris knowledge. He is quick to thank others for their help and credits Bill Maryott with answering many of his early questions and paying his first year of AIS youth dues.

Monica Combrink

This year's first runner-up in the Clarke Cosgrove Contest is 16-year-old Monica Combrink of Glencoe, Oklahoma. She is a member of the North Central Iris Society and has participated in their events for several years. She enters iris shows in horticulture, design, and educational, and she has donated rhizomes to their sales for six years. Monica grows over 300 TB and Median iris varieties.

Monica began growing irises at age seven, inspired by her grandparents, Joe and Ann Barrows. She has been an AIS youth member since 1992. In 1993 she helped host a garden for the Median Spree and in 1995 she won the Ackerman Youth Essay Contest.

An enthusiastic 4-H member, Monica was recognized as a State Horticulture winner last November. Over a five year period, at county and state fairs she gave away over 1000 irises along with planting instructions.

Monica has served on the refreshment committee of her local iris club, clerked at shows, and donated hundreds of irises to sales, as well as stressing the value of AIS membership.

She is described as a cheerful worker, a valued member who grows and shows winning irises, and one who shares this knowledge with others.

Stephanie Rust

In the second runner-up position is 12-year-old Stephanie Rust of Union, Missouri. Stephanie serves as Youth Advisor for the Washington Iris Club. She has clerked shows, made refreshments, and proven to be an especially good salesperson at iris sales. She served as youth co-chair at this year's show.

Stephanie is a student judge and a hybridizer with over 100 seedlings. Her goal is to introduce a dependably reblooming, broken color iris of merit, and to develop a reblooming MTB with aril characteristics! She keeps records on rebloom in her area and has written articles for several iris publications. She consults with experienced hybridizers for advice on technique and plant sources. She is a member of most AIS Sections and also the British Iris Society.

Stephanie has won many awards in the Washington Iris Club shows, in horticulture, design, and educational, and she also enters shows in the St. Louis area.

She is described as hard-working, well-mannered, a leader and an innovator. She thanks those AIS members who have gone out of their way to mentor her.


Congratulations to all three of our outstanding youth members, and

also to their regions, affiliates, and AIS members who contributed to their success.

A NOTE FROM RUSTY:

A hearty thank you to the AIS for awarding me the Clarke Cosgrove Memorial Youth Achievement Award. I wish to dedicate my award to Ruth Simmons, for all of her support, guidance and encouragement.

My friendship with Ruth was brief, but I will feel its impact for the rest of my life. Whenever I was discouraged, or had a problem I couldn't solve, I went to Ruth. She always managed to make me feel better about what I was doing, and subsequently about myself.

Without Ruth, I would not have achieved much of anything in the AIS. Her encouragement made all the difference in my life. That is something for which "thank you" just doesn't suffice. 


A Godfather To Melted Butter

by Raymond Blicharz - New Jersey

Have you ever heard of anyone being a godfather to an iris? I consider myself to be fully qualified for such an honor!

Chun "Frank" Fan and I are friends. In 1989, Frank asked me to evaluate his seedlings. I was amazed at the quality of his "iris babies". I was spellbound by a fabulous seedling, an ivory white beautifully washed with yellow partway down the falls. Everything about this seedling was superb --- lots of increase, potato-sized rhizomes, ramrod stalks, buds, branching, placement....and a gorgeous flower with heavy substance.

Frank was ready to introduce this iris in 1994. Since I helped him pick the seedling, he asked me to suggest a name. Without hesitation, I said "MELTED BUTTER". The flower reminded me of a pierogi, a Polish delicacy that my mother used to make: white dough with a filling, and covered with hot, melted butter!

MELTED BUTTER is one of the best ever, with an extremely long bloom season. It has received rave reviews from all over the country. I am bold enough to say that it is a Dykes quality iris. Since I selected it as a seedling, and named it, I'm especially proud to be "A Godfather to MELTED BUTTER". 

Flightlines

Jean Witt, Seattle, WA: While working on the SIGNA species list recently, I noticed that Randolph had collected a plant from the type locality (Volga River region) for *I. scariosa* and found it to have 40 chromosomes. A photo can be found in "Eupogon Irises in Cultivation," the Median Iris Society publication from the 1970's. A count from Russia in 1969 gives $2n=24$. The seeds that Bee Warburton received from Dr. Rodionenko as *I. astrachanica*, which is supposed to be an *Iris pumila*-*I. scariosa* hybrid, produced plants such as "Kalmikyii" which both Terry [Varner] and I find breed as if they were $2n=24$. So it suddenly hit me that Randolph's plant of *I. scariosa* must actually have been the *I. scariosa*-*I. pumila* hybrid (24, doubled X 32) and that therefore Bee's plants are not *I. astrachanica*, but either *I. scariosa* or something else with $2n=24$. Dykes in *The Genus Iris* stresses the very glaucous leaves, and scarious (papery) spathes of *I. scariosa* and gives the stem height as 2-6i, 2 flowered. My plant from Bee is not glaucous, and the stem is 10-12.

Mona French, Oklahoma City, OK: It appears we must invest in a rototiller if we are ever going to have the new beds necessary to carry on hybridizing. Trying to use a spading fork on hard Oklahoma clay is a back-breaking job. The beds we have worked previously with alfalfa pellets, peat moss and Hu-More (a compost additive available from Oklahoma vendors) are beautiful and you can actually drop the spading fork down into the ground without it bouncing off of the top layer of soil. My seedling beds are still as crowded as ever.

Ken Fisher, Bella Vista, AR: My 1999 [MTB] introduction is PINK-ALL-OVER. It obviously would not exist without the breeding stock Terry Varner sent me. I cannot say enough about the help this robin [MTB Robin #2] has brought to me. From the time that the pod appears, I spray with a systemic, but it is only partially successful. The pod weevils get 1/3, I get 1/3, and we fight over the rest. I evaluated garlic water in 1997, and it did a much better job with frequent application. The ripe pod was harvested at the first sign of splitting. The seed was stored in dry outside storage with Captan for a month.

Jason Leader, Glen Rock, PA: I have had a good bloom season considering that I moved every one of MTB's last year. I

hope to have about 150 MTB's in bloom during the 2001 convention. Several that I have been impressed with this season are CREME LADY, all the "Ozarks," PURPLE HEATHER, PINK BUTTONS, CRYSTAL RUFFLES, CYBERNET, and ROBIN GOODFELLOW.

Stephanie Markham, Norfolk, MA: Here's a trick for those of us who sometimes find it necessary to hold pots of seeds over an extra year (when germination is not great the first year for whatever reason). To remove the seedlings from pots without damaging roots and without disturbing the ungerminated seeds, first thoroughly saturate the soil in the pot, and set the pot in a somewhat larger container of water until the soil mass is all but floating. When the soil in the pot is completely saturated, gently fish the seedlings out with something narrow - a nut pick or pickle fork, or even your fingers - taking care to retain all the roots and even the seed if it's still attached. You can then line them out or pot them individually. When you've fished out all the germinated babies, lift the pot, soil, ungerminated seeds and all, out of the container of water and let it drain, settling the soil around the ungerminated seeds. You can then leave the pot outside for another year - no muss, no fuss, no replanting. I sometimes get additional germination in these pots over the summer or in fall, then more germination the following spring after another winter outside under the mulch. For those years when germination is sparse and holdover a necessity, this little trick works very nicely.

Dick Sparling, Olney, MD: This has been the best bloom year for bearded irises I've seen in all my years of growing [irises].... My MTBs are just starting to come back well after being almost destroyed by the cold and heaving several years ago. I have to separate this year, refurbish the beds and fret about next winter. It takes me about 2 years to get bloom on new plantings, particularly MTBs and MDBs, so I just saw some of them that came [here] a couple of years ago. I was impressed with CYBERNET, LITTLE ROCK PRINCESS and STIPPLED LADY. FLIRTY WHITE SKIRTS, BANGLES and APRICOT DROPS have bloomed [for me] for a couple of years but continue to impress. It would take a couple of pages to comment on the older MTBs that impress me....

W. Terry Varner, Marietta, OH: I must share with the robin...some discussion and information that I have had with

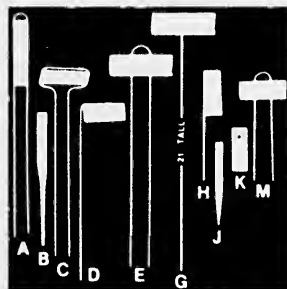
Harald Mathes [Germany] on tangerine pigment. Harald initially agreed that DAYSTAR's beard showed lycopene pigment when he tested it in methanol. However, this year he soaked it two weeks and the color disappeared, whereas the lycopene in PUPPY LOVE and ABRIDGED VERSION showed "very pale" but "stable" lycopene after two weeks.

Bennett Jones, Portland, OR: A couple of weeks ago I drove down to Salem, about fifty miles south. Keith Keppel and I went to the nursing home to visit with Bob Schreiner. We then met Keith McNames and Paul Black for lunch and talk of irises and the coming season's activities, of which there will be plenty. Paul and Tom [Johnson] are settled into their new home and are adjusting, I think anyway, to our winter, which is so different from what they left [in Oklahoma]. Their planting is large and they are pleased with the growth they have seen to date....Then we went over to Schreiner's office where we saw the cover of their new catalog featuring STARSHIP ENTERPRISE, a pretty spectacular introduction for this year.

Hilmary Catton, New Zealand: Neomarica caerulea has a wonderful color. It doesn't like being moved, but if you have to do it, it needs to be very well firmed in...making the ground quite hard....I have a lovely pot of Moraea polystacha in flower right now. It is such a lovely color and one of the easiest to grow....The New Zealand Iris Society convention in 2000 is to be in Tauranga in the Bay of Plenty from the 2nd to the 6th of November. If you want information about it the person to contact would be Peter Berry, Apart. 8D, Tower 1, 1 Marine Parade, Mount Maunganui, Bay of Plenty, NZ.

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Lycopene Pink TB's:

by Harald Mathes
translated by Bruce Filardi

Boring???

A friend of mine told me recently that he has gotten tired of pink irises. Even though he likes the color, he's bored with the pinks' anyway because they all look so much alike. And maybe there is some truth to that, although you could also make the same statement about some other colors. But personally, I've always been particularly fascinated by pinks, and the more I work with them, the more interesting -- and puzzling --- they become.....

When the first pink seedlings showed up around 1940 in hybridizers' fields in the US, they were quite a sensation, because this was a completely new color, never seen before in irises. Up to that point, breeders had hoped to develop real pinks by way of the long-extant lilac-pinks. But now there were suddenly shell pinks and flamingo pinks, colors that were so unusual that there were even accusations of trickery! Also unusual were the intense orange-red beards; in the older lilac-pinks, the beards were mostly yellowish white.

It's no wonder that most hybridizers pounced enthusiastically on this new color. At first the pink was far from perfect; many pinks were extremely pale and had anthocyanin markings. Today pure pink is an everyday color in irises, but we still have not realized the dream of producing a real red through breeding ever-darkening pinks. In fact, we have to admit that we haven't even made any significant progress toward this goal for quite a while. The improvement in flower form and size, even branching, have kept pace with other colors, but the purity and intensity of ONE DESIRE (Shoop, 1960) have never been surpassed. Why?

Unlike the water soluble anthocyanin pigments, this new pink color was the product of pigments which are found in the chromoplasts of the petals. The biochemical explanation is lycopene, which is known to botanists from studies of tomatoes (*lycopersicum*). Lycopene is chemically similar to the various carotenes, which cause yellow and which are also found in the petals' chromoplasts. Genetically, the appearance of lycopene is always dependent on the presence of carotene. Apparently, the epistatic factor *iti* (from *itangerinei*) converts the yellow carotene to lycopene. The fact that both the carotene/yellow and the lycopene/pink can appear in the same flower is evidence that not all carotene is neces-

sarily converted, or that some carotene is not fully converted. The t-factor is recessive. Crosses of a pink iris with a non-pink (without the t-factor) always yield non-pinks. Of course, modern TB's are tetraploids, which means that they have four complete sets of chromosomes ($4 \times 12 = 48$ chromosomes) in their cells. Only individuals which contain the t-factor in all four sets of chromosomes are pink (called t-4 plants). Even t-3 plants, which have the t-factor in three of their four sets, fail to show any lycopene. Because of this fact, and because no lycopene has been discovered in any diploid TB's, it is believed that lycopene/pink can only appear when the t-factor exists in four chromosome sets.

Many people believe that the pink color in TB's is the result of a mutation, because it is apparently not present in any wild species. On the other hand, it is also conceivable that the t-factor has always been present in the diploid *I. variegata*, but, because it was only present in a t-2 dose, it was too weak to be expressed by the available carotene. The *I. variegata* genes only reached the tetraploid genepool after the old diploid *I. pallida* and *I. variegata* hybrids were crossed with the Asian tetraploid types (*I. trojana*, *I. cypriana*, *I. mesopotamica*, etc.); this was the first opportunity for the t-factor to be expressed in a t-4 dose. It is relevant that this was the time period when the first lycopene-pink seedlings began to show up in various hybridizers' fields.

To study this, a few years ago I crossed the pink TB's ESTHER FAY and VANITY with the diploid *I. variegata*, in both directions. Crosses between triploids and diploids are often unsuccessful. As pod parent, *I. variegata* produced pods with many seeds, but most were poorly formed, with defective endosperm; nevertheless, many of them contained tiny embryos, which could be grown successfully through the embryo-culture technique. The reverse crosses produced noticeably fewer seeds; but in many pods there were as many as four fully normal seeds amid many defective seeds in various stages of development.

At the Iris Symposium in Florence in 1963, the French cytologist Marc Simonet reported that the $4n \times 2n$ crosses of early iris breeders did not produce only triploid ($3n$) plants; in fact, apparently exactly 50% of such seedlings were tetraploids ($4n$). (Naturally, these statistics applied only to fully developed, "plantable" seeds.) The seedlings I produced by embryo-culture were all triploid, evidenced by their very low fertility. Especially surprising were the resulting flowers: exactly half of the plants bloomed as yellow selfs, and half as variegatas. The original *I. variegata*, when selfed, showed no variation in its offspring and must therefore be considered homozygous. ESTHER FAY and VANITY

are, like all pinks, t-4 types, and therefore --- in regard to color --- homozygous. The F1 generation should therefore have been of uniform color. Was some other factor at work here?

Some things just weren't making sense to me! It occurred to me that a lycopene-red beard is found on falls of various colors; but that is just a sign that petal color and beard color are controlled by different genes. Also, the result of my test crosses of yellow selfs and variegatas led me to believe that other genetic factors were at work.

Then there is the phenomenon of pink SDB's. They originally resulted from crosses of tetraploid TB's with tetraploid *I. pumila*. The resulting dwarfs were fertile, receiving two chromosome sets (8+8) from *I. pumila*, and two sets (12+12) from the TB parent. These undergo meiosis to form fertile reproductive cells, each of which receives one set of 8, and one set of 12 (8+12); after pollination occurs, the developing seedling contains 40 chromosomes (8+8+12+12). But the interesting part of the story is that there are lycopene-pink SDB's, even though they only receive two sets of chromosomes (from the TB's) that contain the t-factor. Currently there is no evidence that the t-factor is present in the *I. pumila* gene sets, because --- if it were there --- there would theoretically be t-4 (pink) pumilas, and such plants have never been found.

Like the SDB's, arilbreds have two chromosome sets from TB's. Their other two sets come from their aril heritage --- so they are (12+12+10+10=44). Among arils (oncos and regelias), lycopene is unknown, and thus t-4 types are impossible. However, there are yellow oncocyclis hybrids which have orange signals. I have even seen a photo of a yellow *atropurpurea* with a tomato-red fall signal. Could lycopene (or something similar) be a factor here? We're still waiting in vain for a pink arilbred; what has been called pink up to now has always been a light anthocyanin lilac mixed with some yellow. Maybe the solution would be to cross a pink TB with a yellow onco with red/orange signal --- but oncos are diploid. This kind of cross would only make sense after doubling the onco's chromosomes via colchicine treatment.

But back to the question: Why hasn't the pink tone become more intense through selective breeding of tall bearded irises? Of course, the genetics of color is incredibly complicated, since each hue and each pattern is the result of a great number of factors. We're far from understanding the entire process, although certain facts and basic principles are recognizable through empirical data. Therefore, the following suggestion is just food for thought. I would think that a very intense dark yellow in the iris petals would indicate the presence of a great deal of

carotene, perhaps the maximum possible amount. Carotene comes in different modifications which most probably are controlled by different genes. As less carotene is present, the color becomes paler. If, genetically speaking, only one dose of carotene is present, the color would probably be cream. If this sole carotene is transformed by the t-factor, the color would be very light, such as shell pink; one could say that all the available pink in the chromoplasts has already been expressed --- and the amount of pink is limited.

Does that mean that we've reached the end of the trail? Possibly. -- But not completely. How would the pink look if we could increase the number of chromoplasts (the color-carriers) in the petal cells?

The cells of all green plants contain various organelles such as chloroplasts (plastids), which carry the chlorophyll. Among plants of the same type, the quantity of chloroplasts in each cell is constant. (In other words, all tetraploid TB's have the same number of chloroplasts per cell; all diploid MTB's have the same number of chloroplasts per cell; etc.) This number increases with the level of ploidy; in other words, tetraploid plants have more plastids per cell than diploids, hexaploids have more than tetraploids, etc. This fact can even be used in some plants as a sort of ploidy test, because plastids can be counted fairly easily at any time of the year in leaf cells. Flower petals are recognized as modified leaves; plastids in leaves are transformed to chromoplasts in petals. It seems logical to me that cells of hexaploid flowers would contain more chromoplasts than are found in cells of tetraploid flowers. There is some evidence that the overall volume of the hexaploid cell is not radically increased by the greater number of chromosomes and plastids, and this would mean that a darker, more intense color would appear in the petal cells.

It is astounding that there are still no hexaploid TB's. In *Garden Irises* (AIS, 1959), three spontaneous pentaploids and one hexaploid are reported. Pentaploids are apparently sterile and thus not useful for breeding. The sole hexaploid had thick, fleshy foliage, a short stalk, and relatively small flowers of thick substance. In the 1955 *Yearbook of the British Iris Society*, Darby reported an octoploid which was the result of colchicine treatment. It was a very slow grower, of small size, and it took several years to bloom. It is also believed that Orville Fay had a colchicine-induced octoploid in the 1960s in the US, which he hoped to cross with tetraploids, in order to produce hexaploids. Due to advanced age, he was unable to achieve this goal, but he apparently felt that it was a direction worth pursuing.

We have to realize that there is an optimum level of ploidy, at least

among artificially produced polyploids. This optimum generally falls in the tetraploid/hexaploid levels. At higher levels, plants are generally thick-stemmed, slow-growing, and often sterile. In the breeding of triticale (an amphidiploid hybrid between wheat and rye), both hexaploid and octoploid strains have been developed. Although both are robust and produce enormous heads of grain, the hexaploid types have proven superior, because they produce more grains per head than do the octoploids. In ornamental plants, seed quantity is not as important, and hexaploid bearded irises must first be produced in greater numbers before we can make a final judgment of their vigor and floriferousness. In terms of color and substance, octoploidy would certainly be a step forward. If octoploid TB's prove to be poor growers or sterile, perhaps colchicine treatment of triploid seeds would be the better course to follow.

I treated some of the (*I. variegata* x VANITY) embryos with colchicine while they were still in the test tube. Six survived the procedure and grew healthily. Triploid bearded iris are not fully sterile, but they only set seed with great difficulty. However, after colchicine treatment, if the chromosome doubling is successful, they should be fully fertile. My six seedlings were very robust, and they looked like regular tetraploids. When they bloomed, I used TB pollen on all of them, but only one set a pod. It seemed that the colchicine treatment had been unsuccessful and I had produced five triploids and a tetraploid. As a result, I discarded the five sterile plants and kept only the fertile one (which had a yellow flower), planning to do a chromosome count during the winter. When I finally got around to it during the winter of 1996-97, I couldn't believe my eyes: It had 72 chromosomes, in other words 6x12!


I learned two things from this experience: The first was that hexaploid TB's are not necessarily weak growers, and I needed to do more research in this area. The second noteworthy observation was that my hexaploid plant didn't display the slightest hint of lycopene, even though it had four doses of the t-factor. This indicates that it is not the 4xt which allows the expression of lycopene; in cells with six chromosome sets, the t-factor must still be homozygous; in other words, it must be present as 6xt (or t-6) to produce pink color.

This once again gives hope that lycopene pink is possible in diploids. We have to produce pink diploid TB's from pink tetraploids. The most feasible way would be through anther culture. Pollen grains contain half the regular chromosomes; in tetraploid plants, the pollen cells are diploid. At a specific stage of development, they can be placed on a sterile nutrient medium and developed into callus growths. This is

undifferentiated cell development at first; small white cell clumps form and gradually develop into adventive embryos or even into shoots and roots. Plants which result from this procedure should generally be diploid.

Another way to obtain diploids from tetraploids would be the cross of a TB x *I. attica* or x *I. pseudopumila*. These two dwarf irises are diploid, with the lowest chromosome count of any bearded irises ($2 \times 8 = 16$). Crosses from a TB and one of these dwarfs are triploid, with $12 + 12 + 8$ chromosomes. They are not entirely sterile and can be crossed with other ($12 + 12$) diploids. The set of 8 chromosomes would be eliminated during meiosis, since it can not form a bivalent with the 12-chromosome sets and is therefore lost in future generations. Of course, the ideal would be to produce two such triploids from a pink TB x *I. attica*; crossing these two triploids would certainly yield diploid pinks. Unfortunately, my plants have not yet bloomed --- and then it remains to be seen if they will be fertile.

Dr. Werckmeister has written several articles about lycopene in iris petals. Several times he refers to the old white diploid DAYSTAR, which possibly contains some lycopene in its intense orange beard. Terry Varner sent me DAYSTAR from Ohio, and I performed the methanol test on it. When a petal is placed in methanol, only lycopene remains; all other pigments, including carotene, are dissolved. When DAYSTAR was placed in methanol, something definitely remained, but its appearance was orange; normally, the beards and petals of pink TB's appear bluish-pink after methanol treatment. So we must still ponder the question of whether the pigment in DAYSTAR is lycopene. I have a few triploid seedlings from DAYSTAR x ONE DESIRE. --- What will they look like? Will lycopene be evident?

I know I probably should have waited a little longer with my report, so I'd be able to share a few more observations. But I wanted to make a point about what flower-growing means to me. It isn't a contest to make everything bigger, brighter, more spectacular; it isn't a commercial venture; it is the desire to experiment, and it is the joy of discovering new information. Success lies in continued progress, without necessarily reaching an end. It is an adventure that lasts a lifetime. 

[Translator's Note: I would like to thank Harald Mathes and Sharon McAllister for their valuable corrections, suggestions, and input during the translation of this article.]

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Crested Irises

by William A. Shear

The crested irises of the Section Lophiris are useful garden plants, but except for one or two species are not much used by iris gardeners or collectors. Yet these irises offer an opportunity to expand the limits of iris gardening into situations where the more common bearded irises cannot go. Species of crested irises thrive in partially shaded environments, and a few are adapted to life in climates with warm, wet summers (like the North American Gulf Coast) where bearded irises fail to thrive or even survive. Crested irises are for the most part easily grown from either seeds or divisions, and multiply rapidly. They vary in stature from only an inch or two tall, to as much as six feet in height, and their flowers are of unusual and attractive form.

Probably the best known and most commonly planted species in the eastern part of North America is the Dwarf Crested Iris, *Iris cristata*. This species is native to the United States, ranging from southern Pennsylvania west to Ohio and Wisconsin, and south into Oklahoma and Georgia. It is found most abundantly in hilly or mountainous terrain, nearly always growing in association with mixed deciduous woods. The leaf fans are from four to eight inches tall, gracefully curved, and of a light green color that changes to bright yellow in the fall. Bloom time is early, accompanying the evergreen azaleas in my garden. The two-inch wide flowers open flat and are usually a shade of blue, with a prominent orange crest. A few forms have been selected for naming, and in some cases only a slight difference in the shade of the flower has been recognized. A pure white form is widely available, but seems to be less vigorous than the blue clones. *Iris cristata* spreads rapidly when planted in partial shade in a woodland soil, producing ephemeral sheets of blue that expand each spring. Best moved or divided just after blooming when new roots form, take up "sods" of rhizomes with the surrounding soil and move them to prepared sites elsewhere. Top off with an inch or so of well-decayed leafmold and water every few days until they are established.

Around the Great Lakes, the Lake Iris, *Iris lacustris*, resembles an even smaller *cristata*. White clones of this plant are among the smallest of all irises, rivaling the Asian *I. minutoaurea* for that title. The tiny flowers may be less than an inch across. The Lake Iris is more tolerant of lime and bright sun and is often found growing in cracks in limestone cliffs. Its growth is more tufted and compact than that of *cristata*. I have to confess I have not been very successful with this iris on my acid red clay here in central Virginia, but within the area of its natural occurrence it should be a premier rock garden plant.

The trio of American natives is rounded out by *Iris tenuis*, originally considered a Californicae, but transferred to the crested group forty years ago.

The crest is said to be very low and the plant resembles that of *cristata*. This iris is not a commercial proposition, being so narrowly adapted to its Oregon woodland home.

The rest of the crested irises are natives of Asia, again speaking for the connection between the northeast Asian and North American floras. The Asian species range from Japan south into southern China, where they grow under subtropical and tropical conditions.

The northernmost of the Asian forms is *Iris gracilipes*, native to Japan, especially the northern island of Hokkaido, and extending into China. This little beauty is the oriental equivalent of *cristata*, though it is taller (to eight inches), with branching stems. The flowers are usually some shade of lilac or lavender, and the crest is white. The slender stems and small flowers are in perfect balance. In my garden, *gracilipes* responds well to the same culture as *cristata*, but I have lost some plants to late frosts, and it grows altogether more slowly.

Also in the northern hardy group is *Iris tectorum*, the Roof Iris, with one of the widest ranges of any iris species, from northern Myanmar to Japan (where it may not be native, but an escapee from gardens). The legend of this iris being planted on thatched roofs persists without any recent confirmation. The Roof Iris is a very robust plant, with thick, green rhizomes which give rise to fans of leaves that resemble those of *cristata*, expanded by an order of magnitude. Unfortunately the foliage is susceptible to fungal leaf spot. The flowers open flat or almost so and are up to five inches wide, usually light lavender blue with darker markings; the crest is white in the blue forms, yellow in the whites. The stems are up to eighteen inches in height and may carry as many as three branches and a spur. This iris self-seeds widely in my garden and thrives in full sun as well as at the edge of woods. Blooming is encouraged by sun; plants in deep shade rarely flower. The bloomstalks emerge early and are tender, so they may be caught by late frosts. I find that this iris can be treated very much like a tall bearded, except that the best time to move and divide clumps is right after flowering. A soil with lots of organic matter is much appreciated, and a top dressing of leafmold each spring will keep clumps healthy longer. I have not found that *tectorum* needs frequent transplanting, as some authorities have claimed. This is a great plant for the front of the border, and naturalized here and there in open woods.

The delightful little hybrid 'Paltec' is the result of a cross between the Roof Iris and the bearded iris 'Edina'. Similar crosses have been made from time to time, but not with such pleasing results. 'Paltec' looks like a rather small miniature tall bearded iris, and the blue flowers have both a beard and a crest.

Iris milesii, of the Himalayas, resembles *tectorum* in many ways, but is a larger plant with more erect foliage, looking even more like a bearded iris. The flowering stems are up to two feet tall, and branched. The blooms are only about half the size of those of *tectorum*, and a beautiful pinkish lilac shade. Some say that if the foliage of this iris is damaged over winter, it will not bloom the following spring, but I have not found this to be so. Here in central Virginia it is com-

pletely deciduous by late winter, but blooms regularly. Despite an obvious close relationship to *tectorum*, no hybrids between the two have been recorded, and I have never been able to successfully cross the two, using *milesii* as a pod parent.


The name *Iris confusa* is an apt appellation for this less hardy form. Its nomenclature has been tangled with the related species, *japonica* and *wattii*, and seemingly endless confusion exists regarding the identities and chromosome numbers of these three closely related species. The true *Iris confusa*, native to Yunnan, grows in moist, humusy woodland soils, sending out long runners from which arise aerial rhizomes, bamboo-like stems with a fan of leaves at the top. From these fans, much-branched stems emerge to climb a few feet higher, with abundant, white, two-inch flowers that are elaborately frilled and ruffled. Unfortunately, this beautiful plant is not reliably hardy north of Zone 8b, but will grow well in the southern states and along the Pacific Coast where frosts are infrequent.

A better choice for gardeners as far north as Zone 7a would be *Iris japonica*. Described from Japan, this species is probably native to China. Unlike *confusa*, it rarely produces aerial rhizomes, and these only a few inches tall. The flowers are usually pale to dark lavender, with complex markings near the crest. *Iris japonica* survives winters here in central Virginia, but the foliage is usually killed back during the winter, cutting off any chance of bloom. Perhaps once a decade a flowering stem survives. A variegated form of this iris, with white-striped foliage, is becoming widely distributed, unfortunately many times under the name of *Iris tectorum variegatum*. The presence of long runners, or stolons, in *japonica* sorts them out.

Finally, *Iris wattii*, the giant of the group. Its aerial rhizomes may reach five feet or more, with the flowering stems extending on up another yard. The stems are profusely branched and in flower for a long period. Unluckily for most of us, it cannot be grown where frosts of any intensity or duration occur, but thrives in southern California and in some localities along the Gulf Coast of the eastern states. Like its relatives, it prefers a humus-rich soil in partial shade, and a constant supply of moisture.

The last three species are also fairly well adapted to pot culture, and as I write this (in early February), a blooming plant of *Iris confusa* is on the windowsill. Frequent division and repotting are needed as they become crowded quickly.

The new BIS species book (*A Guide to Species Irises, Their Identification and Cultivation*) lists a number of other crested species, such as *Iris latistyla*, recently described from Tibet, and *Iris formosana*, probably a southern form of *Iris japonica*.

While often not readily available from commercial sources, all of these irises are worth seeking out and trying in appropriate climates. Find some and expand your iris horizons! 

Convention Reflections

The 1999 Iris Convention

by Bill Shear, Virginia

I hope you will indulge a first-time American Iris Society conventioneer a few ruminations on the Oklahoma City experience. I'd like to start by thanking Rosalie Figge (She Who Must Be Obeyed) for inviting me to speak to the rebloomers group at the convention and for assuring me that they would not resent a talk about irises in general (they didn't). Without her urging, my natural reluctance to socialize probably would have kept me from AIS conventions forever. Thanks also to Taunton Press, who helped me financially and also provided free copies of FINE GARDENING and KITCHEN GARDENER for all conventioners.

Like everyone else attending the convention, I was much affected by the tragedy we witnessed in Oklahoma City. What I saw of the tornado damage was nearly incomprehensible. That there were survivors was more astonishing than that there were 41 casualties. We learned first hand that 318 MPH winds not only strip the bark from trees, polish fire hydrants to a high metallic gloss, but also pull the grass from the ground. It would have been easy for AIS to simply have gone about its (slightly obsessional) business in this context, but I was very proud to be part of a group that responded so generously to what had happened, not only with a donation from the treasury but with a collection from the conventioners. Most impressive was the reaction of Oklahomans, who came together as a true community—as they have done before. We think of westerners as self-reliant; now we must also think of them as compassionate people, while reluctant to ask for help for themselves, are ever ready to give it to others.

I would certainly recommend to anyone planning to attend a convention in the future that they go to as many of the section meetings as possible. These were extremely educational. In the median meeting, I heard George Sutton talking about the latest from his hybridizing program, the Aril Society International presented a show of rare slides of species and hybrids, and despite the fact that the scheduled speaker for the Louisiana meeting didn't make it, the discussion led by Farron Campbell was very enlightening, including information about soil conditions where Louisianas grow natively. It appears the soil is poor in nutrients, and the plants get most of their needs from what is dissolved

in the water that floods the swamps in spring and early summer. Japanese iris are getting more and more exciting, with reliable rebloom and repeat bloom and extraordinary flower size and branching in the immediate future, according to Terry Aitken.

Unfortunately for me, my talk was scheduled at the same time Carla Lankow was to address SIGNA. Carla graciously repeated her program after mine, but even so I had committed to a book signing and missed it after all. I was jumpy as a cat about my own talk, with numerous iris luminaries in the audience, but they were characteristically generous and did not pounce on my mis-statements and errors. George Sutton added some good points about pH and trace mineral availability, attributing his fantastic growth and increase to a specially compounded foliar spray, including calcium. It seems research in Oregon has shown that bearded irises have trouble absorbing enough calcium through their roots. George has very high pH soil, mine is on the low side, and we seemed to agree that perhaps the importance of pH has been exaggerated in the past.

Thanks to the energy and dedication of Irv and Nancy Pocklington, my book-signing went very well and we almost sold out of THE GARDENER'S IRIS BOOK. Some kind of dedication award also has to go to Dean and Judy Hunt from Louisville, Kentucky, who lugged along 35 copies of the book to get personal dedications for all of their club members! You Louisville folks owe them—big time.

The socializing aspects of the meeting were just as important as the irises, and it was a distinct pleasure to meet John and Joanne Jones, Kathy Guest (head of the AIS Cheerleading Squad and perhaps the most positive person on the planet), Maureen Mark, Ellen Gallagher, Joan Roberts, Mary Brown, Clarence Mahan (a continual font of wisdom and hilarious stories), Dave Silverberg, George and Olive Waters, the Lankows, and many, many others. Please forgive me if I haven't mentioned you! By the way, would AIS consider providing at future conventions a list of registrants, as is done at most scientific meetings? It would be very useful.

The convention gardens were all extremely interesting and instructive. As predicted, bloom was a little past peak in the best of them, and well past in the Will Rogers Park garden (but somewhat made up for by some Louisianas and Spurias in bloom). The gardens ranged from straightforward iris collections to imaginatively landscaped estates. The garden owners were unfailingly welcoming and hospitable, the bus captains firm but kindly, and the refreshments at each garden very tempting.

The irises that stood out as impressive were duly awarded, as you have been informed. To pick out my favorite blooms, I waited to study the nearly 200 slides I took, but as plants, there were some definite winners. Both HIGH STAKES, a vivid purple in the TITAN'S GLORY mold, and COLOR ME BLUE were outstanding in growth and bloom at the Fernandes gardens; and the former was my instant pick for out-of-region winner. But I was persuaded otherwise when I saw UNCLE CHARLIE, a large-flowered blue-white with perfect stalks, by Virginia's own Don Spoon, growing vigorously and blooming away at several gardens under a variety of conditions. This plant is in my opinion a future Dykes contender (if there is any justice). Also impressive in several gardens was the very different BOOGIE WOOGIE, an amoena with brushed violet falls and brown hafts. The much-awaited STARSHIP ENTERPRISE looked good as well, though with a low bud count and in at least one garden, bloom-out in progress. But the color and pattern are truly striking—white standards heavily flushed yellow, yellow style arms and white falls generously banded magenta, with yellow at the hafts—and if it can produce similar offspring with more vigor, it will become important in iris history. Ron Mullin's red-violet plicata, RHONDA FLEMING, was my pick for in-region winner, and surprisingly, got it (my vote is usually the kiss of death, for politicians if not for irises).

I also saw some striking color developments. ELECTRIC SHOCK was a light blue with a bolt of darker blue down the center of each fall from the deep brown beards. Dark red MALLORY KAY lacked the brown influence seen in most reds, heading toward red more from the red-violet side, but very dark and rich, as was the reddish black BLACK AS NIGHT. CROWNED HEADS seems the ultimate (for now) in reverse blue bicolors. STEPPING OUT fans like me must get RARE QUALITY—very much like our favorite, but about twice the size on four-foot stalks. AFFAIRE transfers a color pattern seen in dwarfs and arilbreds to the tall bearded class; it sports light violet standards and mustard falls (and is much brighter in person than any of its catalog portraits). Finally, BRAGGADOCIO drew a crowd with salmon orange standards, vivid wine falls and a brilliant tangerine beard. OWYHEE DESERT certainly represents a color and pattern break, with white standards and brown-sanded falls, but seemed a reluctant grower here with short, somewhat bunched stalks.

Not many historic irises were on view, but I did see some old friends. Mike Lowe confirmed my identification of HELEN COLLINGWOOD producing a mass of bloom under some small trees, and then

pointed out WILLIAM SETCHELL nearby. This still has huge flowers for an iris, and was in the first collection of irises I ever purchased, back in 1954. At another garden I saw and recognized OLA KALA and AMIGO. Here and there the madly mutating KALEIDOSCOPE had been tucked in among clumps of much larger modern TBs, but still managed to steal the show. PARIS BLUES is perhaps not old enough to be an historic, but was superb in one garden. DEBBY RAIRDON held her own with the modern competitors.

There are many new things under the sun. I saw several seedlings that were worth mentioning. One was an incredibly deep and patent-leather-glossy black from Schreiners' (EE134-4)—I have never seen an iris with that kind of finish before. I wonder that someone with access to a scanning electron microscope hasn't looked at petal surfaces to try and account for this amazing gloss, or the deep, velvety nap one sees on some other blacks. Another seedling was Durrance D90-115, a border bearded (growing out of class as most BBs seen were) with fine blooms in a sort of reverse blue bicolor, but with magnificent stalks. Would you believe five perfect open blooms on a single 4-branched stalk, and none of them crowded? Unfortunately this gem was hidden in a corner of one of the gardens and I fear not seen by many. Did any of you spot it as well? Also worth looking for is Perry Dyer's GHOST, due for introduction in 2001. It is a peculiar, gray-toned flower that somehow manages to look cheerful despite its somber colors. Loveland 93SX2KD6 was a demure light blue with a white spot at the beard tip, rayed blue. The very dark variegata (deep orange standards, reddish black falls) on which many commented was Rogers C-106K. Pinegar GV-94-27C was labelled as a tall bearded but very small for that class. Nonetheless, the color was striking: violet standards, brownish falls with a wine patch flaring out from the blue-violet beard. And speaking of color breaks, how about Nichols 9714D, a brown amoena with a vivid blue flash below the beard! Finally, Knudtsen 92-55-34 was shining white with a narrow blue rim on the falls.

While beardless irises were found only here and there, the Louisiana CAJUN SUNRISE, brick red with yellow margins and veining, which I added to my garden last summer, was outstanding. I'm looking forward to seeing it bloom under my conditions. FELICIANA HILLS, a light lilac, also caught my eye. Even fewer Louisiana seedlings were around, but Haymon 56-2 impressed as a very nice medium blue.


Most of my photography was restricted to portraits, because in many gardens fungal leaf spot made clumps or garden views rather

unsightly. However, at least two of the gardens were free of leaf spot. I suspect that the leaf spot was more prevalent in gardens that were over-using a product called Hu-More, compounded out of alfalfa and manure, which was being heavily promoted in most, but not all, of the gardens. Where this material was used in quantity, I thought I saw overly pumped-up plants, with big foliage, sparse bloom relative to clump size, and soft growth susceptible to both rot and leaf spot. And indeed there were a good number of labels that had no plants behind them—probably rot casualties. The plants at the gardens where Hu-More signs were not in evidence simply looked healthier and thriftier to this gardener's eye. Too much nitrogen and growth stimulant are not good for bearded irises, creating an open field for disease and suppressing bloom. Not to say that Hu-More, used in moderation, could not be very helpful under many kinds of conditions (perhaps at the Will Rogers Park it would have helped; their soil seemed exhausted). I'm just suggesting that one should take it easy with such a powerful supplement and perhaps focus on a modest phosphate feeding, if any feeding at all is required. Anyway, the OKC gardeners deserve applause for producing a very creditable convention show under the worst imaginable conditions—last year's prolonged drought and heat, heavy rains this spring, hailstorms the night before the tours began, and many other obstacles. They came through with flying colors in true Oklahoma style!

Friday's Geek Dinner (for subscribers to *Iris-talk*, the iris discussion list on the Internet) wasn't Geeky at all, but well-lubricated by many bottles of local wines brought in from all over the country by the attendees. There was an uproarious auction conducted by Peter Weixlmann and John Jones, who may have a future as a comedy team, if comedy teams ever come back. I seem to remember Rosalie Figge paying \$51 for a \$50 gift certificate from Suttons'. Don't you think George will be a little generous with the extras? What was in that retsina anyway?

Well, the Awards Banquet, which for some strange reason took place at another hotel, was great fun, if for no other reason than to watch David Schreiner and Tom Abrego bouncing up and down to get their many and much deserved awards on behalf of Schreiners' Gardens. Ray Schreiner, who for obvious reasons wasn't there, got the Hybridizer's Medal. Do I worship these guys? Shamelessly, yes. Ron Mullin provided a highlight of the evening when he explained how to win in-region hybridizing awards. First, marry off Hooker Nichols and get him to move to Texas, convince Paul Black that he needs to go to Oregon, and keep Perry Dyer from hybridizing for 15 years! But that

was a great modest touch from the winner of just about every in-region award at the convention—deservedly so, with some great iris.

And so to bed. And so, the next day, home to Virginia. My only regret about attending the convention: I totally missed the short bloom season of *Iris verna*, a longtime favorite of mine, and of *Iris gracilipes*, which I have been trying to bloom for years! Two little wads of collapsed flower were awaiting me on my struggling clump of *gracilipes*. There's always next year—and behold, a seedpod behind one of those *gracilipes* wads! TB bloom is peaking now, and last night we got our much-needed rain—nearly two inches at this writing and still going on. Sincere thanks to what Mr. Jefferson and Gen. Washington referred to as Providence. It was a great and wonderful experience to attend my first AIS convention after having been a member (off and on) since 1956. But do I need another one right away?.....hmm. 

Silent Auction Results

At the AIS Convention in Oklahoma City the Silent Auction brought in a total of \$6,374.50. Of this, \$852.00 was designated for the Library (from Library donations) and \$225.00 went to the Median Iris Society.

There were a total of 225 items (plants, artifacts, books, etc.) donated to the auction, received from 65 donors and 97 successful bidders!

Thanks!

Growing Techniques

by Rick Tasco, California

At Superstition Iris Gardens we practice good farming techniques using crop rotation, cover crops, and soil solarization. Our garden is located in Cathey's Valley, Mariposa County, California. Being commercial, we do have to use some chemicals and fertilizers as it cannot be avoided, but it is kept to a minimum. We do not revitalize our soil

with fumigants such as methyl bromide.

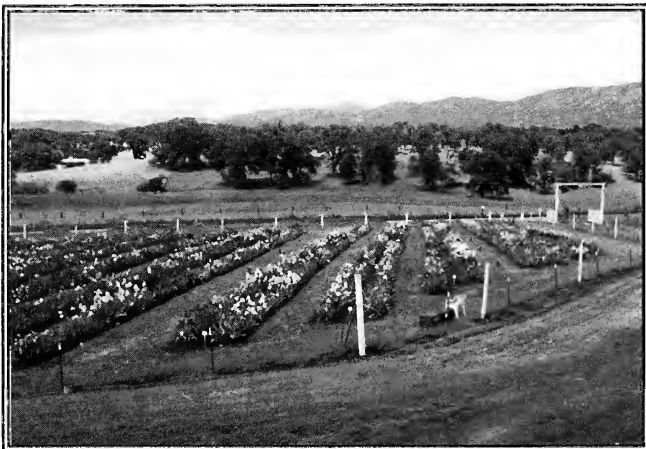
Two acres are reserved for irises with only one acre actually growing irises at a time. The other acre is planted with a cover crop over the winter.

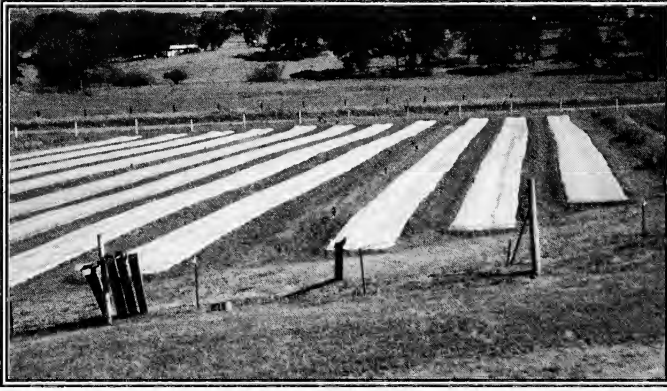
The cover crop is a mixture of oats (70%), other grains (20%),

and vetch (10%). This mixture can be purchased at a seed company or at a local feed store. The cover crop will mature in early spring, March or April, and will then be tilled under, depending upon weather conditions. The tilled-in cover crop is then allowed to rest until June when we begin to prepare the new beds for fall planting.

After preparing beds in early June, we bury T-tape (our watering system) the length of our beds, two lines per bed. Our beds are generally 150-200 feet long. The T-tape is usually two to three inches below the surface. This is to prevent the plastic tape from melting when the beds are covered with clear plastic. The T-tape is used to keep the beds damp during the solarizing process, which is a must. The beds are then covered with 2 to 4 mil clear UV-inhibitor polyethylene plastic. UV-inhibitor plastic is used as opposed to construction grade plastic which will only last about three weeks in our hot sun. The edges of the plastic

Superstition Iris Gardens is located in the lower foothills of the Sierra Nevadas near Yosemite National Park





Beds shown with solarizing plastic in place, basically cooking the soil and killing disease causing organisms.


are tucked in and these beds will be covered for eight to ten weeks during the hottest part of the summer. Basically, the soil is being cooked.

I have never measured the temperature

under the plastic, but let me refer to a University of California article on soil solarization: "In the San Joaquin Valley, soil solarized during June/July often reaches temperatures of 140 degrees F at two inches and 102 degrees F as deep as eighteen inches. As a result, many disease-causing organisms are controlled to eighteen inches or deeper. Seed and seedlings of many annual and perennial weeds have also been controlled with soil solarization. Solarization reduces nematode populations, but less dramatically than it does fungal pathogens and weeds. However, solarization for nematodes may be useful and economically feasible for shallow-rooted crops and home gardens. Plants often grow faster and produce yields of increased quantity and quality (size and appearance) when grown in solarized compared to non-treated soil".

You can't get a lot more intense summer heat than we get with nary a cloud in the sky to block the sun's rays. Our temperatures usually range from the mid 90's to low 100's during this time. In climates like ours you must use clear plastic. The KEY is to use clear plastic that has UV inhibitors in the plastic. This plastic is a bit more expensive, but it can last up to a year. Black plastic reflects the sun's rays - clear plastic lets in the sun's rays and traps them to HEAT the soil.

After filling our orders in the summer, we remove the plastic from the new beds, lift the T-tape up to the surface, and begin transplanting into the new beds for the next year. After transplanting, we till down the old beds, plant a new cover crop, and the cycle starts over again.

In a nutshell, this is how we do it here in our garden. We believe our method produces quality rhizomes and overall is kinder to the environment, because we use just the sun, water, and our cover crop, rather than chemicals. 

Design Corner

CREATIVITY OR ARTISTIC CONCEPT

by Carolyn Hawkins, Georgia

“Creativity is imagination made visible.” Have you ever thought of it that way? That quote is from *The Encyclopedia of Judging and Exhibiting* by Esther Hamel. She goes on to say that a designer “treads virgin ground and brings us a harvest of overlooked, unaware beauty to be judged”...and to be enjoyed. Imagination abounds when a person takes ordinary materials and uses them in a new way - without being afraid of breaking the rules.

The use of iris in purchased containers, hand-made containers, “found” objects such as automobile parts, or a part of an old flue from an antique wood stove, can be the beginnings of creativity, the first step. Placement of the iris in these containers is the next step to being original and creative. Put some in the back, some in the front, some up high, some low - any location is the designer’s choice, which gives freedom to come up with a new placement that uses the imagination. All of this process is guided by the principles and elements of design and helps the designer achieve the masterpiece he or she wants to create.



Fig. 1 - *New Direction*
Clara Herbert

Pictures One and Two are excellent examples of the way individual minds work. These designs were in the Chesapeake and Potomac Iris Society annual spring show in 1998. Sara Marley, Region 4, sent in these pictures with the class names and some of the details, to share with AIS. BOTH designs are in a class called “New Direction” and they are angular designs. You can compare what two different designers created for this

same class title.

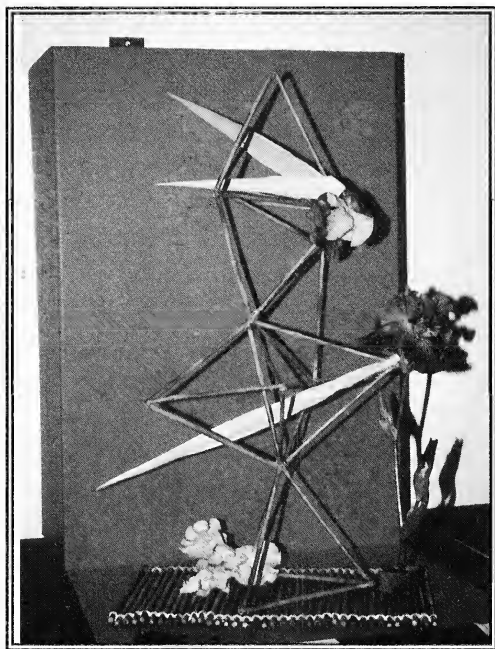
The guidelines for angular designs as stated in the Handbook for Flower Shows, 1997 edition, published by the National Council of State Garden Clubs, Inc. is as follows:

“A geometric Creative Design in which angular units are merged into one strongly angular design.” (This means the angles are dominant.)

“Container(s), plant material, and other components, if any, are juxtaposed in plastic organization to achieve interpenetration of spatial areas.” (“Juxtaposed” means placed in close relationship to one another. The angles pointing in various directions interpenetrate space and add dimension.)

“Spatial areas resulting from angles formed are placed to achieve depth.” (Note the spaces and voids in the designs - they add to the design and create a segment in the design, especially visible when the background shows through.

These angles are turned in different directions to add depth.)



*Fig. 2 - New Direction
Muriel Turner*

As one can see in Picture One, there are many angles which develop the line and take the eye through the design, top to bottom. A black container was used and the gold wrapped tubular angles were straight and tall, or bent to make the triangles, with spaces showing through. The angles are prominent and the iris have been placed in a manner to enhance the design. Clara Herbert did this design.

Picture Two was done by Muriel Turner and has a


red background. Her spaces clearly appear through the welded (or glued) tubular structure. Abstraction of the placement of iris adds to the interest of this design. The single iris to one side appears to be attached to the dried leaf that is floating through the angles. Smaller leaves at the

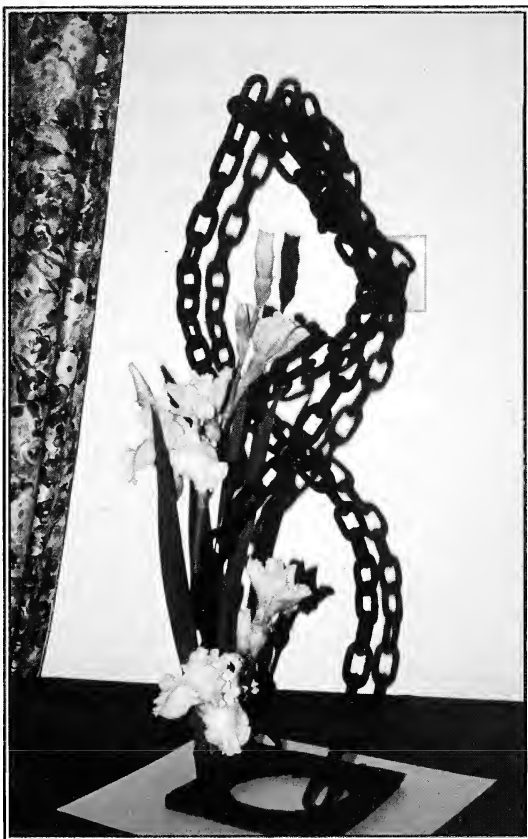
top of the structure add another angular component.

Picture Three has used the welded chain as the sculptural line with yellow iris placed in front. This is not an angular design but is a sculptural design, which was the class requirement. It was done by Dolores Felch and the title of the class is Quiet Elegance. The yellow, delicate iris in front of the bold, strong chain offer a contrast that interprets the theme.

Note that the structures (tubes and chain) used as components in the designs are creative and original. They are hand-made, add interest, and interpret the class requirements in each design. Shadows created

during photography add an another interesting element to the designs.

If you have any questions, comments or designs you wish to submit for future articles, please contact: Carolyn Hawkins, Plant Society Liaison, NCSGC, and AIS Judge, 7329 Kendel Court, Jonesboro, GA 30236. 



*Fig. 3 - Quiet Elegance
Dolores Felch Red*



Memphis in 2002

Request for Beardless Guest Iris

The Memphis Area Iris Society in cooperation with the West Tennessee Iris Society will host the 2002 Convention of the American Iris Society. The Guest Iris Committee invites hybridizers to send guest rhizomes of recent introductions and seedlings of beardless irises under consideration for introduction. Please observe the following guidelines when sending guest irises:

- 1) Up to three rhizomes of each variety should be shipped.
- 2) The guest irises will be accepted from Sept. 15 - Oct. 15, 1999.
- 3) All official guest irises must be shipped to:
 - Steve and Jean Stone
 - 5190 Woods Landing Cove
 - Memphis, TN 38125-3800
- 4) The name of the variety or seedling number should be clearly marked on each rhizome. In addition, the following information should be clearly marked for each plant on a Separate Packing List:
 - A. Hybridizer's name and address.
 - B. Name or seedling number of the variety.
 - C. Type of iris (SIB, SPU, LA)
 - D. Height, color, and bloom season (E, M, L)
 - E. Year of introduction (if introduced)
- 5) If a guest seedling is named, it will be the responsibility of the hybridizer to notify the Guest Iris Chairmen not later than December 1, 2001.
- 6) A receipt will be mailed to all contributors. Shortly before the convention, contributors will be asked for instructions regarding the distribution of the plants. Failure to reply by June 15, 2002, will be interpreted as permission to destroy all stock. All official guest plants which are to be returned will be shipped postpaid, except to foreign addresses.
- 7) The Convention Committee and the owners of tour gardens will follow the Code of Ethics as printed in the AIS Convention Handbook.
- 8) The Guest Iris Committee will not be responsible for losses beyond its control, and only irises received through the Guest Iris Chairman will be listed in the convention booklet.

The 1999 International Iris Competition

by Clarence Mahan, Virginia

The Italian Iris Society has conducted the annual International Iris Competition in Florence, Italy since 1957. This year I was honored to be invited to be a judge at the competition. My fellow judges were Sidney Linnegar (United Kingdom), Dorothe Schréter (Switzerland), Paolo Gambassini (Italy) and Doralisa Ravenni Santi (Italy).

It is fitting that the International Iris Competition is held in the beautiful, historic city of Florence because no city, country or royal family has a longer association with the iris. When the Ghibellines were in power, a white fleur-de-lis was represented on the flag of the Florentine Republic. When the Guelfs banished the Ghibellines in 1266, they reversed the colors, and the emblem of the city became and remains the red fleur-de-lis *Épanouie*. The fleur-de-lis was stamped on Florentine money minted in silver beginning in the 12th century, and on the gold florin since 1252. The popularity of the fleur-de-lis as a symbol of various principalities and monarchs, including the French, is most likely related to the use of the florin as the principal unit of currency throughout medieval Europe.

Although they originally called the fleur-de-lis a "lily," the Florentines have long believed that it represents an iris. Monsignor Borghini, writing in 1635, asserted that the Florentine coat of arms originally represented *Iris florentina*. *Iris florentina* is seldom grown in Florence today, but in its place the lovely blue-violet *Iris pallida* is everywhere in evidence - it grows on the hillsides of the city, in gardens, in parks, in small islands along the stone sidewalks, and even in urns atop gate pillars in front of villas.

The public iris garden of Florence, where all irises in competition are grown along with a permanent collection of past winners and other outstanding and interesting irises, is on a hillside below the splendid Michelangelo Square. The irises are grown between olive trees which have been grown at the site for as long as anyone can remember. Drainage is excellent, and the soil is alkaline. Winters in Florence are quite mild, and the climate is far more similar to areas of California than to my native Virginia. Most of the irises were quite healthy, and definitely well grown.

The panel of judges at the International Iris Competition works hard during the week of judging. Each iris in competition must be point scored by each judge on three separate days. This year there were originally 96 irises in competition from all over the world. Trudging up and down the hillside is not to be undertaken by those in poor health, and I confess that I was panting and huffing a good deal of the time. Some days it was quite warm. On other days a misty rain kept the judges on the run. It was, however, a labor of love for all of us. The irises were beautiful and the setting was idyllic.

No one knows the name of irises in competition or the names of the hybridizers until the judging is completed. The irises are all assigned coded numbers. The information as to the identity of the irises and hybridizers is kept in a locked box until all irises are scored and winners determined. Then, on the final day of judging, everyone convenes in a conference room and the box is unlocked with due ceremony. The sealed envelopes with the coded numbers of the winners are opened and the names of the winners are announced to those in attendance.

Members of the Italian Iris Society were quite upset because of a small tragedy that occurred in January. A wild porcupine got into the garden and dug up and ate a number of rhizomes of irises entered in the 1999 competition. The porcupine was captured and released in the wild but not before it had done its "dirty deed." The gardeners replanted all uprooted rhizomes, and marked the entries which had porcupine damage with a red flag. We judges were asked to select the irises which we felt could not get a fair evaluation because of the porcupine's activity. As a result, eleven of the entries originally slated to be judged this year will be held over and judged in the competition next year. The panel of judges at this year's competition will be known forever, I fear, as the "porcupine judges."

The iris selected to receive the Gold Florin (Premio Firenze) this year was the first choice of all five judges. It is named SETTIMO CIELO, and is a stately blue-violet iris. It earned outstanding scores on all rating factors. The hybridizer of this outstanding iris is Valeria Pallesi Romoli, who is a stalwart in the Italian Iris Society and who is also an American Iris Society member and judge. Valeria is the first Italian woman ever to have an iris win the Premio Firenze, and you can imagine how popular this award was all over Italy. The only less than positive criticism one might assert about this winner would be that the flower is not overly distinctive, but the virtues of this iris far outweigh this minor item.

Coming in 2nd and winning the Tuscany Region Cup was Schreiner's stunningly beautiful, metallic red-violet iris SWING-TOWN. This is the only iris which gave SETTIMO CIELO serious competition for 1st place. SWINGTOWN's foliage was perhaps the cleanest and healthiest of any iris in the competition. Its stalks were among the most uniform in height and branching. Its lovely ruffled form is not overly done. The only attribute which cost it significant points was not readily visible until the third day of judging when the flower on a spur below the terminal opened on almost all the stalks causing a somewhat bunched effect.

Seedling EB90A by England's B.L.C. Dodsworth placed 3rd in the competition, winning the Silver Plate of the Industrial Organization. This seedling has so many fine attributes it is difficult do it justice. It has elegant pink flowers of good form, excellent branching, and quite acceptable bud count. Unlike so many cultivars these days, its bloom sequence is first-rate. It had been in bloom for quite some time before the competition, and was still going strong the entire week we were there. It had very good increase and many bloom stalks, but its foliage cost it some points.

Coming in 4th to win the Italian Iris Silver Medal 'Piero Bargellini' was another iris hybridized by Valeria Pallesi Romoli. This time it was a clean blue iris which the hybridizer has named CELESTE AIDA. This iris was one of the most floriferous in the garden, and its blue color is remarkable. It would have merited an even higher ranking had the height of its numerous bloom stalks been a bit more uniform.

The 5th to 10th place winners receive the competition's Honorable Mention. The 5th and 6th place winners were both from Australia. Graeme Grosvenor's TEMPTONE, an iris resulting from a cross of two American Dykes Medal winners, SILVERADO and DUSKY CHALLENGER, came in 5th. It is a blue-violet self, and quite similar to SETTIMO CIELO but with less ruffling.

Barry Blyth's distinctive ABOUT TOWN placed 6th in the competition. It has a gorgeous flower with silvery mauve standards and red-violet falls edged with silvery mauve. The tangerine beards are a plus, as are ruffling and lace. Some stalks had 14 buds, however, several also required staking because of the weight of all those flowers.

The 7th position went to the late Ben Hager's LARK ASCENDING. It was the tallest iris in the garden and some visitors to the garden could view the flowers at eye level. It required some staking. It is a lovely formed white iris with tangerine beards.

Seedling, 91-8-100, bred by Valeria Pallesi Romoli won an

Honorable Mention in 8th place. This iris was very healthy and vigorous. It had very good stalks and up to 11 buds. The flowers are a lovely light pink with a light violet tint, and are on the smaller side. The beards are tangerine.

The form and color of the flowers on the 9th place iris were extraordinary. This iris, ALPINE REGION by Barry Blyth, is a reverse yellow amoena with clean white standards, deep lemon falls and ruffles to spare. The flowers are big and gorgeous. One could win blue ribbons on the show bench with its healthy stalks and three open flowers. Branching, however, is very tight, and when the highest spur opens the large flower pushed against the terminal bloom.

The 10th place winner was NEW TUNE, hybridized by Graeme Grosvenor. This is a violet iris approaching blue, and I believe it surely had the largest clumps in the garden. There were two clumps and they had not only run together but were invading the space of neighboring irises. The stalks were well branched and bud count was good. I suspect that the great vigor of this iris is also the source of its one major fault as seen in the garden at Florence. There were so many rhizomes that they seemed to lack adequate root systems to support the tall stems.

The special prizes given at Florence are for the most part based on a single attribute rather than on all scoring criteria. The Comune di Firenze Silver Plate for Best Red Variety was won by seedling RS93G3, bred by Robert Stetson II from Colorado. SETTIMO CIELO won the Chamber of Commerce Cup for the Best Commercial Variety, and, of course, it also won the Amici dei Fiori Cup for the Best Italian Variety. The Best Branched Variety, winning the Louise Branch Cup, was a pale orange iris with brighter edges. It was seedling V961-Rah from A. Volfovich-Moler (Uzbekistan).

The iris winning the Florence Garden Club Cup for Most Original Color was bred in Slovakia by Ladislav Muska. It is a pale pink cultivar with prominent violet horns. Best Scented Variety, the Perugia Garden Club Cup winner, was from England: Cy Bartlett's seedling C93-22. This iris has nicely formed white flowers and the fragrance was very strong and sweet regardless of the time of day or vagaries of weather. CELESTE AIDA won the Rora and Luciano Bausi Prize for the Best Blue Variety. Schreiner's SATURDAY NIGHT LIVE was chosen to receive the Piaggio Cup for the Best Early Variety. There were no entries in the border bearded class this year to compete for the Collodi Cup.


The winner of the Best Late Variety was to be chosen after the

international judges departed for home. Sidney Linnegar and I thought that the iris coded as number 46, which opened its first flowers on the last day of judging, would be a strong contender. Subsequently, I learned that this iris, which turned out to be Jim Hedgecock's CHIRICAHUA CANYON (98), did indeed win the Arezzo Garden Club Prize for Best Late Variety. My notes on this iris indicate that it is a space age iris with pale wisteria blue standards, deep red violet falls, and a mustard beard with prominent purple horns. It showed very good foliage and branching.

The Cassa di Risparmio di Firenze Prize for the Italian Hybridizer with the Best Variety in the First Five went, of course, to the charming and talented Valeria Pallesi Romoli. The United Kingdom's B. L. C. Dodsworth won the Cassa di Risparmio di Firenze Prize for the European not Italian with the Best Variety in the First Five.

There is a grand public ceremony at the close of the competition held in the magnificent Palazzo Vecchio, the most important civil building in Florence because it is now the city hall. This palace was begun in 1299, and among other uses once served as the residence of the Duke of Tuscany. Having been elected the "president of the judges", my "duty" was to deliver a speech as part of the closing ceremony.

People told me that Joe Ghio's speech in 1998, was very beautiful and that many people were brought to tears when he spoke of his Italian grandmother. I mentioned this to Professor Orsi, and expressed my fear that I could never live up to Joe Ghio's example. Professor Orsi suggested that I too could bring the audience to tears if I told them I was not fortunate enough to have an Italian grandmother. Surrounded by works of such great artists as Cellini, Michelozzo, and Giambologna, and with a loud echo in the hall, I did not have the nerve to follow Professor Orsi's advice, but I did keep the speech brief.


American and Canadian hybridizers should continue to support the Florence competition by sending their new irises for trial. Visitors are welcome to the competition, and a trip to Florence is an experience of a lifetime. The beauty of irises and the beauty of Florence are etched in my heart. 



Iris Stolonifera

by *Carla Lankow, Washington*

Iris Stolonifera ($2n=44$) is a member of the arillate group of bearded irises. Aril irises gain their name from the white collar like appendage or aril on their seeds. Of the five sections of aril irises the Regelia irises of which *I. stolonifera* is a member are the most adaptable to gardens and *I. stolonifera* is the most vigorous of the Regelias.

The aril irises are found in the deserts and steppes from the Mediterranean east through central Asia. The range of *I. stolonifera* is mountainous and more northerly than it's more flamboyant cousins the oncos. It is found in Afghanistan and north in the Pamir-Alai range at altitudes of 800 to 2400 meters (2500 to 8000 feet) in dry rocky situations. As a result it is quite winter hardy and has been grown in the open garden in New York state. However Brian Mathew says it is more suited to the bulb frame in the damp climate of England as it would be in the Pacific Northwest. It needs a hot sunny position, if grown outdoors, where it can be kept dry during it's summer dormant period. The soil should be alkaline, very rich and perfectly drained. In it's native habitat the bloom period is from April to June. Most aril irises have small round rhizomes looking almost like bulbs. *I. stolonifera* gains it's name from the habit of forming from these rhizomes long, to 20 cm (to 8") thin stolons on the end of which a new rhizome forms. Unlike many of the other aril iris, which have only one flower per stem, *I. stolonifera* has 60 cm (24") stems with two and often three flowers in each set of spaths. The flowers of *I. stolonifera* are quite variable in color. The tepals range from milk white through clear blues and deep purples with a border of rusty brown or bronze. Six narrow blue and yellow beards decorate both falls and standards. In the unusual yellow form the brown edge on the tepals is replaced by yellow giving a very striking effect. The yellow form of *I. stolonifera* was grown by Arnold Ferguson in Tacoma, Washington. 

Notice

The AIS Website URL is:

www.irises.org

Gardening From The Soil Up

*(Information from Material provided by
Deters Professional Plant Food)*

Every gardener understands the value of sunlight and water. On average, plants need about six hours of direct sunlight a day and one inch of water a week. But, in addition to the sun and water, the right soil mixture and proper nutrients are vital to growing healthy, productive plants.

A good soil composition is as important to plants as a solid foundation is to a building. The soil composition consists of three main constituents: sand, silt and clay. For most plants, the ideal garden soil is about 40% sand, 40% silt and 20% clay. The best way to determine the soil composition is to conduct a simple test.

One method, recommended by garden centers, is to take a handful of soil and squeeze it into a ball. If it is unable to hold its shape, the soil is probably too loose, or sandy. Assuming the soil can be made into a ball, try to break the ball apart by pressing on it with your thumb. A good soil will break apart readily, if not, you probably have too much clay.

Another sampling method is to place a couple of cups of soil into a half-gallon bucket filled half way with water. Stir it until the soil is completely in suspension and then let it settle overnight. The next day, there should be three distinct layers: clay at the top, and then silt and sand at the bottom. If not, amend the soil based on the sample test concentration breakdown of clay, silt and sand.


After identifying the soil make up, using organic matter is the best way to fix soil composition problems. If your soil is high in sand or silt, add a combination of topsoil and peat moss. If it has too much clay, add peat moss or compost and some sand to loosen the soil. Another way to compensate for too much clay is to build a raised bed. This will provide your plants more drainage and prevent the need to replace large amounts of dirt.

The next step in creating the right growing environment is to determine the acid or alkaline levels in the soil with a pH test. To do so, take a sample of your soil from about four inches deep and use either a

self-test kit, available at most garden centers, home centers and hardware stores, or have an area garden center determine the pH level. Based on the test results, you can amend the soil by added lime to raise the pH level and gypsum to lower the pH level. The lime and gypsum packages usually explain amounts to create the proper pH balance. Commercial plant food companies, such as Peters Professional Plant Food, produce an acid-loving plant food product that will lower and maintain the pH level. The ideal soil pH for most plants is 6.5 to 7.5. Acid loving plants, such as evergreens, azaleas, camellias, rhododendrons and many beardless irises - Siberians, Louisianas, Pacific Coast hybrids and particularly the Japanese irises, need a lower pH, about 5.5 to 6.5.

In addition to preparing the proper atmosphere, plants, just like people, need proper nutrition to grow strong and healthy. Without the necessary nutrients, plants become weak, susceptible to disease and can die. There are 16 essential nutrients for plant growth and reproduction. Similar to the four basic food groups, plants require three main nutrients: nitrogen, phosphorous and potassium. These nutrients are found in the soil and supplemented through plant food. Together known as N-P-K, these nutrients are displayed on the outside of plant food packages in the form of numbers, such as 20-20-20. Nitrogen enhances leaf growth, phosphorus supports root growth, and potassium aids in flowering and fruiting.

How do you know what N-P-K formula is right for your plants? All commercial plant foods contain different N-P-K formulas for specific plant needs. Be sure to check the packaging to match the appropriate food for your plants. The key for plants to maximize the nutrient value from plant food is availability. Plant food needs to be reasonably soluble and available to plants soon after application. For bearded irises particularly, too high a concentration of nitrogen can lead to over growth of foliage, leaving irises vulnerable to leaf spot and soft rot. Siberian and Japanese irises are more tolerant of higher nitrogen, although they probably do best with a balanced fertilizer.

Paying attention to soil and the nutrients in it will give you a good foundation for your garden. By working together with Mother Nature and science, you will save yourself a lot of time, money and effort. More importantly, you will have a more enjoyable experience as your garden becomes more productive. 



Frederick W. Gadd

1903 - 1999

by Lynn Markham

Just past his 95th birthday and the 50th anniversary of his marriage to Mary Gadd, whom he honored in 1977 with the soft pastel iris of the same name, Fred Gadd left us on February 14th. He'll be much missed.

Fred was a lifelong resident of Wethersfield, Connecticut. His first career was with Colt Firearms in Hartford; his second, and the consuming passion of the rest of his years, was in the small patch of Connecticut river basin soil where he carried out his iris hybridizing. Fred's crusty Yank demeanor was nicely balanced by Mary's quiet, gentle manner. A curmudgeon even in his youth, Fred couldn't resist tweaking those he felt were too impressed with themselves (thus saving the rest of us the trouble) but even his "victims" had to love Mary, and most often they came to love him too, bristles and all.

There are great memories, like the iris auctions we used to hold at the Warburtons', where Fred, with Fred Jacobs, Carl Schulz and often Jack Goett or Ken Waite, did the auctioneering. They could be truly brutal — if the crowd got lazy, Fred would sputter in disgust and pitch some brand new iris onto the dollar table, just to watch us wake up and dive for it. Their antics were a major-league distraction, and I for one failed to bring home my target iris more than once because I was laughing so hard I lost track of what they were selling.

When Fred had to retire his tweezers, he began a "Fred style" talent search. Using his cane for emphasis, he'd announce: "Nobody who hasn't tried hybridizing knows beans about irises!" Given the current interest level in this region, it seems the message was received.

There are over 100 Gadd irises, all rugged enough to love New England, and New England loves them back. National recognition has come to many of the TBs and most of the arilbreds; the first an HM for tall arilbred Silver Web in 1968. Arilbred Sizzle won the William Mohr Award in 1983, and last year the Mohr Medal was awarded to the classic Bozrah. But never was Fred more thrilled or his fans happier than in 1995, when he was awarded the Hybridizers Medal, in recognition not of one great iris, but of the whole body of his work.

In design, Fred's irises tend to be quite simple — graceful fleur-de-

lis shapes in soft pastels, crisp patterns, or rich deep colors. Nothing faddish — nothing to distract. Among the sometimes over-dressed iris flowers of the late 20th century, they stand out like the classic “little black dress” in a sea of tulle ball gowns. Come to think of it, they’re a lot like him. ❧

Bee Warburton Medal

At the AIS Convention in Oklahoma City, Region 20 made a very generous contribution toward the fund for the Bee Warburton Medal, and challenged other Regions to “meet or beat” their pledge.

Since then, Region 13 has taken up the gauntlet and made a matching contribution to this fund. How about some of the other Regions out there? Are you ready to meet the challenge?

AIS Business Notes

INSURANCE

Michelle Snyder, contact person for AIS Insurance for Shows, Sales, etc., has had a change of phone number, both at her office and her home.

You can reach Michelle as the following telephone numbers:

Weekdays: (213) 430-4370

Home: ((818) 352-7018

(Pacific Daylight Time)

SECRETARY OF DONATIONS

A new position has been established, separate from the AIS Secretary. Jeanne Clay Plank has been appointed as "Secretary of Donations".

Any funds being sent to AIS in the form of tax deductible gifts, memorials, donations, contributions to special funds, etc., should go to:

Jeanne Clay Plank
8426 Vine Valley Drive
Sun Valley, CA 91352-3656
Ph. (818) 767-5512

(Gifts for the AIS Foundation should continue to be sent to Roger Mazur.)

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Ken and Kay Gregory

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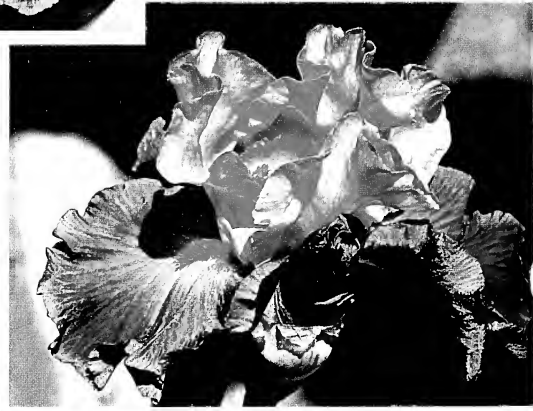
by Bill Shear
see page 25



AFFAIRE
(Blyth 93)



NICHOLS #9714D



BRAGGADOOCIO
(Keppel 9)



GHOST
(Dyer 2001)

ONE DESIRE
(Shoop '60)
See page 16



Crested Iris

by Bill Shear
see page 22

I. CRISTATA



I. MILESI

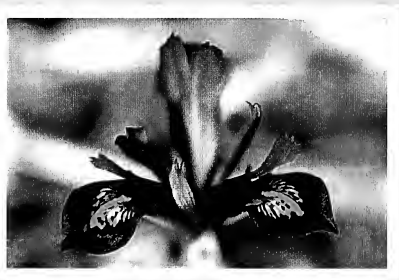


I. TECTORUM

An Adventure With Reticulatas



89-A1, 3, 2



88-AX2



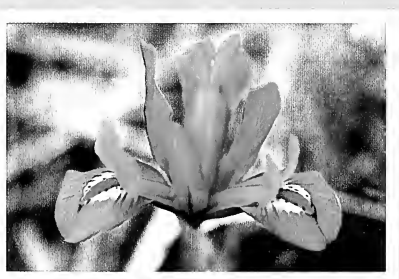
89-A-3



87-BN-1



94-HW-1



93-BA-1



89-Q-3

By Alan McMurtrie D. Eng,
Ontario, Canada

The pictures on the facing page are of my Reticulata Iris hybrids. I could just as easily write an article about Junos, but I'll save that for a future Bulletin.

I'm sure some of you have grown Reticulatas for a couple of years only to find that all you have is leaves coming up and no flowers. The solution is to replant them every two years into new soil. In Holland they are treated as crops, and only grown in the same spot every few years. I did an experiment several years back. I planted 12 *danfordiae* (trade triploid form) and 12 *reticulata* hort. in sandy loam soil. The first year, as expected, there were 12 flowers. In the second year there were 24 in each case. In the third year, and essentially every year since, there have been only about 6 flowers of *reticulata* hort., and none of *danfordiae*.

I have limited garden space, so I'm forced to reuse the same spots. Last year as an experiment I replaced the soil some of my older hybrids had been in. Time will tell how much better the bulbs do. Certainly though, replanting does help - spread the bulbs out so they aren't too crowded.

What's special about Reticulata Iris beside their beautiful form and colours? One is the fact they have square leaves. One new commercial clone even has variegated leaves! The second is the fact they are one of the very first flowers to bloom every year. Retics are perfectly hardy, and due to cooler temperatures when they bloom, their flowers can easily last 7 days or longer.¹

Did you know Reticulatas can have two flowers per bulb? I had never realized this until I started growing my own hybrids. Since then, I have obtained larger bulbs of commercial clones from Holland, and they too have given two flowers. Commercial clones don't increase as well in size here (Toronto, Canada), so their two flowers per bulb is only a one time occurrence in my garden. Certain of my own hybrids do continue to occasionally give two flowers. Ideally you will be able to leave the bulbs in a given spot and they will continue to consistently bloom, just as some Junos like *bucharica* increase to an equilibrium number if left alone.

My goal with this article is to introduce you to "the wonderful world of Reticulatas.". What do you think of my first second generation (F2) *danfordiae* x *sophenensis* hybrid which bloomed for the first time

¹ You may not want to do this, but the flowers will stay their best if covered from rain and severe wind. I use upside down dishpans for this especially because of my hybridizing, with a rock on top to keep it in place. Bricks on their edge can be used to give the pans more height where necessary.

this year: 94-HW-1? (See inside back cover, April '99 Bulletin.) I've been growing these fellows for over 15 years and I continue to enjoy them immensely. I'll just add that I also particularly like Junos², a few of which bloom at the same time as Retics, but most start a week after the Retics finish. The Retics themselves last a bit over 3 weeks starting right when the snow disappears, and they are completely unaffected by freezing temperatures. In fact some years there are snowfalls a week or more after the Retics have started.

Dr Rodionenko back in the early 1960s separated these plants into their own genus: *Iridodictyum*. Since then he has additionally separated out *kolpakowskiana* and *winkleri* into genus *Alatavia*. Brian Mathew considers these to be *Iris* in Subgenus *Hermodactyloides*. Kew Garden's chromosome analysis, details of which still has to be published, supports the idea that they are indeed *Iris*. Personally I am happiest to call them *Reticulatas*, or *Retics* for short. When talking about *Reticulatas* as a whole I use capitalized "R". When writing about the species *reticulata*, I use lower case "r" and italics.

The species are all quite nice. I particularly like *bakeriana*, but am disappointed how the bulbs I've had have died out. I'm going to have to put in more effort into maintaining it and other species like diploid *danfordiae*, *sophenensis*, etc. I have been doing just that for the latter ones, but have sometimes run into some problems. In the case of *histrioides* I'm hoping one of my pure seedlings proves to be a better doer here than commercial clones or wild collected bulbs.

One theory suggests plants you raise yourself from seed will be more likely to do well in your garden than plants originating elsewhere. A nice theory, with perhaps a little bit of truth, but you could easily find yourself having wasted a lot of time. In terms of hybrids, you certainly can't expect to get anything as good as the commercial clones without putting in a significant effort. In my case I'm now up to planting several thousand seeds every year. What is of particular importance though is parentage!

Brian Mathew has mentioned that he regards *hyrcana* as just an early blooming form of *reticulata*. I have seen a fair number of forms of *Iris reticulata* from the wild, and the fact that certain clones are earlier blooming, or have wider fall blades, etc. does not mean they are different species. Rather the variability of *Iris reticulata* is wider than that of many other species. This is not to say that there aren't other *Reticulata* species waiting to be found in the wild. For example, for certain specific reasons I think that the Çat *Reticulata* is a new species. This has yet to be verified by chro-

2 If you've never grown Junos (Juno Irises), I'll point out one neat thing is the taller species look like corn stalks! Up to 2 feet tall, with as many as 13 flowers!

mosome analysis.

How many of you grow the gorgeous hybrid 'Katharine Hodgkin'? It is from *histrioides* x *winogradowii*. Unfortunately, in spite of both parents having chromosome counts of $2n = 16$ it is sterile. Individual chromosomes are different enough that ovules and pollen cannot form properly. Thus it, and others from this same cross, are a dead end from a hybridizing perspective.

Now is as good a time as any to mention how it is quite annoying to look in garden catalogs and see 'George' and 'Katharine Hodgkin' listed as forms of *histrioides*. They aren't! They are hybrids with one parent being *histrioides*. They are listed this way in hopes of giving people an impression that they have large fall blades like *histrioides*. The Armenian Caucasus Retic, which I happen to be using in many of my hybrids, also has wide falls. Other clones like 'Harmony' have wide blades, as well as *histrioides* as one of their parents, but are listed under the heading "reticulata". Note that in catalogs often a lower case "r" is used, which from my point-of-view is confusing, since many of the named varieties are hybrids with other Reticulata species.

The Royal General Bulb Growers Association has similar problems in their 'International Checklist for Hyacinths and Miscellaneous Bulbs.'

In 1985 and 1986 I went plant collecting in Turkey, hoping to find diploid *danfordiae*. I was lucky. Near the end of the first trip, with the help of several local Turks I did collect *danfordiae*. In later years a slightly larger diploid *danfordiae* became available. Over the years I have made a fair number of crosses with both. After seeing 'Katharine Hodgkin' you might expect I would have first tried to cross *danfordiae* onto *histrioides*. In fact only one of ten crosses I made the first year involved *histrioides*, and it didn't give any seed. In fact only 8 seeds were produced from two crosses, and none germinated.

In 1989 I made a number of crosses with *sophenensis* (previously known as *Iris histrioides* var. *sophenensis*). Sixteen of these from three crosses first bloomed in 1994. They were clearly true because their standards were extremely narrow (from *danfordiae*, which has short bristle-like standards). They ranged in width from 0.3 mm to 3.0 mm; all being 2.0 to 2.5 cm in length. Typical *Iris reticulata* standard width is 7 to 10 mm. Each of the three crosses were fairly consistent in their standard's width: in one case all 7 plants had approx 0.3 mm widths. Another telltale mark of their *danfordiae* heritage is faint wide greenish-yellow ribs on the back of their style arms; most, but not all had this. In one plant, the style arm lobe area was quite wide, as typical of *danfordiae*. Fall blade width varied from 10 mm to 14 mm. Their colours ranging from light blue to dark blue, and even a vio-

let. A few had some yellow influence, but where it was more pronounced the flowers had a muddied appearance - *danfordiae's* bright yellow carotenes "mixing" with blue anthocyanins (they don't actually physically mix).

I expected these would be sterile (ie. $2n = 20 \times 2n = 18$), but felt at the time that I had to be sure. If anything would work it seemed that intercrossing the progeny would be the most likely. To my pleasant surprise they set seeds - they were fertile! Now 5 further years later, two of these bloomed. As you can see, 94-HW-1 was worth the wait. Its bud was pale yellow like *winogradowii*! The overall colour when it opened was cream. Its style arms were white with wide greyed blue stripes on either side! There were blue veins on the fall, but they weren't on the fall blade itself, rather up by the style arm. There was a soft yellow highlight around the end of the fall ridge. It's quite nice. I couldn't have asked for a more special first F2 bloom! Now it's a matter of increasing stock to the point where there's enough to start introduction: possibly in 7 years time.

I wanted to be sure of getting seed so I selfed it, then a day later crossed it with the clone below, followed several days later with pollen from *danfordiae* as well as an F1 clone. Initially it appeared my efforts had been successful, but unfortunately the pod was turned out to be false. Hopefully next year's Its pollen was used successfully in many crosses, including back crosses to F1s and diploid *danfordiae*.

Kew Gardens in England has done some chromosome analysis of my hybrids and they have some interesting news to publish, hopefully in the not-too-distant future.

The s x d hybrids all have a reasonable number of bulblets, which is not surprising, since both parents are well known for producing a fair number themselves. Often people refer to *danfordiae* and *sophenensis* as having "shattered." This is particularly apt since their new parent bulbs are generally not large enough to bloom the following year, and because of all the rice-grain sized bulblets. Fortunately in many cases the F1 progeny are proving more robust, with at least one bulb being large enough to bloom.

Typical *Reticulata* clones are talked about as having "split". This is because if you were to dig them up in the summer you find two large bulbs where there had been one. They don't actually split. In fact blooming bulbs use up all of their energy (the old bulb) putting up their flower(s) and leaves. At the base of each leaf a new bulb develops. This means early on you can count how many bulbs you should have in the fall. The leaf diameter and length can give you a good sense of how big its bulb will be. Bulbs that don't bloom simply push up a leaf, then form a new (hopefully larger) bulb at its base. Rice-grain bulblets don't put up leaves until the following

year, assuming they are not buried too deep. If they are, the bulblet runs out of energy before its leaf reaches the soil surface, and it dies (which is why I replant them closer to the soil surface).

I have the late Frank Kalich to thank for sending me *Iris sopherensis*.

Generally s x d clones are the earliest Reticulatas to bloom. This year there were over 340 F1 blooms from 52 clones, representing 9 crosses spanning 6 years; up from 262 last year. This doesn't count 20 boom-sized bulbs given out for testing.

In 1995, 7 years after being hybridized, one of my 1988 *danfordiae* hybrids bloomed: Çat³ ANM2175 x *danfordiae* ANM2325. It is a nice dark red similar to its Çat parent, with a bit of orange on its fall from *danfordiae*. Three clones have now bloomed, all similar in appearance. They're nice, but not stunning, and are slow increasers. What is most AMAZING: they're fertile! What does this say about the Çat clone? I have suggested to Kew, via Brian Mathew, that they take a close look at the Çat clone. I am actually quite hopeful that these will intercross with my s x d clones AND continue to be fertile! Unfortunately I've still got a bit of a wait for that since it was only in 1997 that I was first successful with crosses along this line. I am looking forward to seeing a back cross onto *danfordiae* next year. Like *danfordiae* and *sopherensis*, the Çat clone also produces lot of bulblets.

In 1995 the first of four 1989 *byrcana* x *danfordiae* hybrids bloomed.. As expected it was pod sterile, but surprisingly it's pollen has been used successfully on a few crosses (a big question is, are they true?; 3 have germinated). Last year two more bloomed. They were exciting by comparison, and of particular importance, they showed that *danfordiae* had the ability to express more than just a single shade of orange-yellow. One had light yellow in it, and the other was orangish perhaps an orange Reticulata is possible one day!

A 'Cantab' x *winogradowii* hybrid bloomed this year. It was definitely true! It was cream overall with a "masked" blue fall blade (ie. very subdued). The flower had *winogradowii*'s shape. It's bud was pale yellow.

Have you ever thought of hybridizing Reticulata Irises? The reason I've been doing so much is both: to create cultivars that will do better in my garden; and to create new colours, patterns, etc. One of my goals early on, was to get wild collected clones in order to bring new genes into the limited pool available from commercial clones. In the wild *bakeriana* is somewhat variable, and some of those clones are nicer than others.

You can't expect to take ordinary parents and get something exceptionally good. I say this thinking that 1) it's probably already been done e.g. William van Eeden's crosses such as "George", and 2) the fertile commer-

3 Collected near Çat in eastern Turkey.

cial clones are too similar to each other, plus they are close to the species level.

If you cross two similar parents, the progeny will understandably be similar. This suggests that the best thing is to make wide crosses, plus use parents that are different from those used by anyone else. If you cross two pure species then the first generation expression will be very limited. This is quite understandable because the genes contributed by each parent are very uniform (each, after all, is a pure species, with limited variability). The expression opens up tremendously in the second generation; particularly when intercrossing the F1 hybrids. If you want to bring out recessive characteristics you should self a given clone. I tend to intercross clones and should do more selfs.

You only realize the clones you have aren't terrific when you see something better (number of flowers, flower shape, shade of colour, rate of bulb increase, etc.). For example I originally thought there was essentially only one form of *Juno bucharica* - the commercial one you get from Dutch sources. Now I have at least 10 distinct ones, collected in the wild by many different people, the majority of which are equally nice for varying reasons. I'm sure the same is true of *Reticulata* Irises species. It's just a matter that not as many forms have been collected from the wild. Martyn Rix's book "Bulbs" for example shows an ameona (white standards and coloured falls) clone from Iran. I'd love to use it in my hybridizing.

Some other hybridizing goals in no particular order are: strongly scented flowers; variegated leaves; amoena flowers (white standards with coloured falls); tri-tones / tri-colours; new colours and patterns; large showy flowers; and ability to normally produce two flowers per bulb in average gardens. Ideally all hybrids should include the following characteristics: resistance to disease; good bloom year after year without requiring special conditions to do so. The following aren't currently a problem, but still need to be given consideration: strong stems that won't break or fall over in the wind; thick petals to stand up well to rain; long lasting flowers.

One characteristic to breed out is weak flower to stem attachment. This is a characteristic of a number of collected Turkish clones! There's nothing more frustrating than removing anthers and tearing the flower off in the process. It's especially true when they're special flowers that you're particularly wanting to set seed.

When the pods ripen they are put into the baby food jars and then allowed to dry in the garage for a number of days. From here information about each cross and the number of seeds produced is entered into my computer; along with information about unsuccessful crosses. Metal tags, which are more expensive than plastic, but longer lasting, are then made up.

I usually plant my seeds by late September. Planting earlier might be better, but I'm typically sending plants off to people over the prior 3 or 4 weeks. Because of limited garden space, I have to squeeze the seeds into as small a space as possible. In recent years this has meant "double planting": *Reticulata* rows 3.5 cm apart, with Juno seeds planted in-between. The seeds themselves are 1 cm or less apart within a row. An effort to plant the seeds shallower than I originally had, seems to have paid off, particularly for Junos. The only drawback is some of the baby bulbs get heaved out of the ground by mother nature's daily spring freeze-thaw cycles (in spite of being covered a thin layer of straw).

As I'm planting the seeds I make up a map showing where each cross is, and listing its parentage. This is just in case the tags get disturbed, plus the map is an invaluable reference for finding a given cross. Afterwards I put down a two to three inch layer of straw, and then a plastic net in order to minimize any problems with curious squirrels looking for nice easy soft places to dig in order to bury their winter food supply. A layer of straw should continue to be used every winter, since it helps prevent the seeds / seedlings from starting into growth during winter warm spells. A week of warm weather would start their cell sap flowing and in the process raise its freezing point. A sudden cold snap back to -25°C (-6°F) would have deadly consequences. The straw acts like a blanket and keeps the ground frozen under the straw so the seeds / seedlings are oblivious to the warm spell (large bulbs are deeper in the ground and consequently aren't as effected).

Over the years I have found that roughly 40% of my crosses are successful. Note: be sure you are working with fertile clones. Any with *histrionides* parentage are sterile. Only about 30% of the seeds germinate on average, with about 5% losses leaving a net 25%. After seeing 94-HW-1, I wouldn't be the least bit surprised if the percentage of truly special clones increases significantly over the next few years.

If you look at the math, you quickly realize there's not a lot success for all of the work. Of course when working with over 400 successful crosses that produce 5,000 or more seeds, I still end up with a fair number of hybrids each year. Several years ago William van Eeden wrote, "there is one comfort, a cold comfort: natural selection. Only the strongest, the most adapted and tolerant to your climate will survive — survival of the fittest. Even in the years after germination there can be many losses. Under the best conditions it takes 4 to 5 years for seeds to flower."

Typically germination starts after the 2nd winter. This year something about the conditions, winter, etc. was just right since quite a few of last year's seeds have germinated.

Once you do have something that seems good, it takes a couple of

years to fully evaluate it. In the first year you of course get a clear idea of how beautiful its flower is. Slight differences show up between clones in terms of numbers of bulbs and their size, but this becomes magnified significantly after several years. At the same time you are starting to building up stock. Five years out it's nice to see a clump of 16 blooms. The next step is to test it in other peoples gardens, develop commercial interest in it, all the while continuing to build up stock. In my case some of my hybrids are being evaluated by Wim de Göede, a Dutch grower. He will only be interested in just a couple for his market, which I believe is the wholesale European trade. I really need to also partner up with growers selling into North American markets, as well as with smaller speciality bulb firms selling to "connoisseurs."

Every year the amount of work required to build up stock keeps increasing. Ideally in order to get maximum increase I should replant all of the bulbs. Just to give that a little perspective, last year I replanted my 1989 hybrids the majority of which are now *sophenensis* x *danfordiae* bulbs. I actually managed to count a large portion of those bulbs (this continued to allow me to see exactly how well each clone is doing). I estimated there were 26,000 bulbs (2/3 rice-grain sized bulblets), all crammed into an area approx. 4' x 15'. When I say crammed they're planted up to 3 layers deep: large bulbs at the bottom (bloom-size and 1 year away), then 4 to 6 mm bulbs followed by the bulblets. By the end of this summer there could be up to 70,000 bulbs (remember this doesn't count all of my other Retic hybrids). Clearly it won't be long before I can't handle all of the bulbs.

Reticulatas can be grown in many different soil types. I have grown them in coarse sand, but would say in the long run sandy loam soil is better. All of my soil is "imported" since the area where I live is "rich" in clay. As a result, when I make a new garden, its simply a matter of taking up the grass and dumping sandy loam soil on top to a height of 20 cm (8 inches), and voilá, a raised garden. One important factor though: the bed should be kept moderately moist in late spring when bulbs for next year are forming. You don't want it too wet, but on the other hand, if it dries out too quickly, then the bulbs don't have a chance to get as big as they otherwise would. If you look carefully you will observe various microclimates in your garden. It took me a couple of years to realize that beds at the back of the yard, though wetter in early spring, dry out sooner than ones up near the house.

I have started watering my seedlings every couple of days during dry spells in late spring since they are closer to the soil surface and therefore more prone to drying out. Hopefully this will give them a chance to get a bit bigger than they otherwise would.

I do fertilize, but tend to put only a bit on in the fall and spring.

It's a trade off between wanting the bulbs to do well on their own, and wanting to get a good increase (number-wise), while recognizing my bulbs are quite tightly packed and need a little boost as a result of all of the competition. I use either 7-7-7 or a fall 4-8-12, which are ones I've found I can get reasonably cheaply.

I have been finding the Armenian Caucasus Retic to be an important parent. Another good parent because of its variable characteristics is a collected form from Ahmet Atilla. Unfortunately it, like a number of species, is dying out in my garden for unknown reasons. I have also been using Janis Ruksan's *hyrcana* Talish which is slightly variable. It appears to be a good parent. This year a couple of very light hybrids bloomed: very light mauve; very light blue.

I have a very nice pure white Armenian Caucasus Retic. It just showed up in a batch of collected bulbs a couple of years after I received them. Unfortunately it's extremely slow to increase and I've had some problems with trying it in another spot in the garden.

The commercial clone "Iris *reticulata* Alba" which has become available recently is a misnomer. From the name you would think this is a white form of *Iris reticulata*. It is actually a hybrid from the same breeding as 'Natascha'. Like 'Natascha' it has pale blue fall blades.

Incidentally there is also a clone making the rounds called *wino-gradowii* Alba. It isn't. It's a *wino-gradowii* hybrid possibly with *hyrcana* 'Talish'.

My Reticulata hybrids 87-BN-1 ('Gordon' x Armenian Caucasus) and 87-BB-1 (Armenian Caucasus x {'J.S. Dijt' & 'Purple Gem'}) have done quite well. Both are good increasers, and have showy flowers. I have a number of other good hybrids coming along. One interesting note were two or three tri-tone hybrids: falls, styles, and standards all slightly differently coloured. It seems that style arm colour and standard colour are very tightly coupled, but the coupling can be broken. It will be very interesting to see what shows up in 2nd generation hybrids.

Unfortunately *winkleri* appears to be just as difficult as *kolpakowskaiana*. People's first impression is likely that it's simply a "dwarf" *kolpakowskiana*. Too bad it doesn't have dark cherry red falls as literature seemed to suggest - that would have nicely complimented *kolpakowskiana*'s velvety purple / violet. Comparing the two you would even probably say *winkleri* is inferior, since *kolpakowskiana* is bigger, and its colours are more vivid. I did self *winkleri* successfully, as well as intercross it with *kolpakowskaiana*. In the past I have raised a number *kolpakowskaiana* bulbs from seed, only to have them disap-

pear a few years later.

I hope that I've encouraged you to try growing some Reticulatas. You will definitely enjoy the burst of colour and relief from "the winter blahs" they provide just as the snow disappears. 🌸

<u>Species</u>	<u>Count</u>	<u>Pollen Colour*</u>	
bakeriana	2n = 20	orange	
Çat Retic	2n = ?	white	
danfordiae (diploid)	2n = 18	white	The commercial form is a triploid (3n = 27) and therefore sterile.
histrio	2n = 20	white	
histrioides	2n = 16	white	
hyrcana	2n = 20	white	
kolpakowskiana	2n = 20	white	Only crosses with itself and winkleri
pamphylica	2n = 20	orange	Only crosses with itself
reticulata	2n = 20	orange	Commercial clone. Wild collected forms have olive, orange, or yellow pollen
sophenensis	2n = ?	white	
vartanii	2n = 20	white	
winklerii	2n = ?	white	Only crosses with itself and kolpakowskiana
winogradowii	2n = 16	white	Note: different chromosomes from histrioides
Armenian Caucasus Retic	2n = 20	white	Collected form with wide fall

Hybrids Available Commercially In Recent Years

<u>Name</u>	<u>Overall Colour</u>	<u>Registered by & Date</u>	<u>Parentage</u>	<u>Sterile Or Fertile</u>
'Alida'	light blue	?	sport of 'Harmony'	S
'Blue Veil'	blue	Hoog (R'55)	reticulata x histrioides 'Major'	S
'Cantab'	light blue	Bowles (R'14)	?	F
'Clairette'	blue	Hoog (R'53)	reticulata x bakeriana	F
'Edward'	blue	van Eeden (R'73)	'Cantab' x ?	F
'Frank Elder'	blue & pale yellow	Elder (R'78)	histrioides 'Major' x winogradowii	S
'George'	dark wine red	van Eeden (R'73)	histrioides 'Major' x J.S. Dijt'	S
'Gordon'	blue	van Eeden (R'71)	bakeriana x 'Cantab'	F
'Harmony'	blue	C.J.H. Hoog (R?)	reticulata x histrioides 'Major'	S
'Hercules'	"red black"	Van Der Berg Gzn (R'33)	histrioides x reticulata	poor
'Hercules II'	violet	?	histrioides x reticulata	S
'Ida'	blue	van Eeden (R'73)	'Gordon'? x ?	F
'J.S. Dijt'	wine red	Dijt (R'38)	(supposedly reticulata x histrioides)	F
'Jeannine'	violet	Van Tubergen (R'58)	?	F
'Joyce'	blue	Hoog (R'43)	reticulata x histrioides 'Major'	S
'Katharine Hodgkin	blue & pale yellow	Anderson (R'60)	histrioides 'Major' x winogradowii	S
Marguerita'	blue	?	sport of 'Clairette' w/variegated leaves	F
'Michael'	dark blue	van Eeden (R'73)	Springtime? x ?	F
'Natascha'	almost white	van Eeden (R'73)	Cantab' x self	F
'Pauline'	wine red	Hoog (R'53)	reticulata x bakeriana	F
'Pixie'	dark blue	?	Sport of 'Harmony'	S
'Purple Gem'	wine red	Van Tubergen (R'52)	bakeriana x ?	F
'Royal Blue'	blue	Hutley (R'36)	?	S
'Springtime'	blue	Hoog (R'50)	reticulata x bakeriana	F
'Violet Beauty'	violet	Hoog (R'53)	reticulata x histrioides 'Major'	S

Reticulata Species And Named Hybrids

*Pollen colour can be separated into essentially three groups: white, orange/yellow and olive green. There is a clear tendency for parents with white pollen crossed with orange ones to give progeny with somewhat yellow pollen; a diluting effect so-to-speak. Note: some sterile varieties have essentially no pollen (ie. no complete pollen grains). In these cases the colour is of the pollen grain "garbage".

A Solution For *Erwinia*

by Adam Fikso, Illinois

(Reprinted with Permission from *The Aril Society International 1997 Yearbook*)

This is a report on a number of developments in plant physiology and phytopathology that seem not to have gotten the attention of horticulturists or iris growers. *The World of Irises* was published in 1978 with apparently little or no revision for the 1995 printing. Perhaps we do not read the journals where the researches are reported. In general, science writers who write for Discover or other science magazines for the lay person, have ignored the area. Also, journals where the research has been reported are of limited availability, are highly technical, and not generally known. The older growers who might have kept up and informed us - Holden, Wilkes, Kalich and Foster - left us long ago. If any of us have read in the area, a lack of information on how to apply the knowledge may be a problem.

I stumbled into the area because after 30 years of not growing arils, I was trying to catch up on tobacco mosaic virus (believed to be the virus affecting irises in 1960). Rather than detail the meandering of my reading, I'll try to present the topic in an orderly fashion.

Most plants have a number of defenses against invasion from without, whether by bacteria, insects, viruses, physical force or chemical damage. These defenses are complex, evolved over hundreds of millions of years in conjunction with other plants, fungi, bacteria, insects, climate, etc. An overview of some of the range of responses is contained in pleasant reading with the title *Bombardier Beetles and Fever Trees*¹ Defenses vary from plant to plant, from genus to genus, and within a single organism or section of a plant, depending on a host of factors such as time, temperature, stage of development (rapid growth or dormancy), nature and the site of the invasion by a pathogen, nature of the pathogen, etc. The range of reactions encompasses everything from death or abscission of a plant part (leaf), development of counteracting poisons to make a plant part inedible, development of additional roots (to increase the intake of nutrients), development of scar tissue or callus to seal a wound and prevent further invasion, hastening dormancy and seed-setting to preserve the current generation or guarantee the next, etc.^{2,3}

These responses, for any particular plant or group, have been evol-

ing for about 3 billion years, beginning with the first bacteria and algae-like plants, some of which live on in different forms within more complex plants as highly evolved structures with no independent life of their own. Defensive capabilities are determined, mediated, and limited by the plant's particular genetic constitution. Iris growers tend to think of genetics in terms of iris characteristics, number of branches, height of stem, color of flowers, or chromosome compatibility (for those of us who breed arils). Well, there's a bit more to it! We know that the genetic character of siblings from the same pod may differ, and we try to select for characteristics we prefer. In general, we have not been terribly concerned with resistance to disease, partly because we didn't know much about how to do this and we didn't save ratty-looking "dogs" just for their disease-resistant character unless they also showed the flower characteristics we wanted.

Although some of the facts about resistance to disease have been known since the early 1900s (reviewed in Chester⁴), the experimentation needed to extend our knowledge just wasn't possible until more recently. Watson and Crick had to visualize the DNA and RNA molecules and have them confirmed, gas and thin layer chromatography had to be invented and advanced, microscopy had to be invented and advanced, microscopy had to be advanced beyond light microscopes, computers with high-speed capability had to be developed, and thinking in evolutionary biology had to advance. For example, in reading through some of the research, there is an unavoidable inference that all living beings have a common heritage to some degree. This includes viruses which are regarded as nonliving because they cannot reproduce without a host and do not have cell walls. For example, potato virus "Y" shares 61% of its amino-acid sequences (genes) with tobacco etch virus. In the world of evolutionary biology this is the basis for why we can use white rats, pigs, rhesus monkeys and (rarely) chimpanzees to test medications for humans. That the pygmy chimpanzee shares more than 97% of its genetic makeup with us, which is disturbing to some of us, becomes less important in the face of data suggesting that we share ancestors with bacteria. There has been a revolution in biological sciences but the fruits of this have not yet trickled down to iris growers. (This article is offered as a "trickle".)

Back to plants. Most higher plants (perhaps all), when affected by a pathogen, produce acetylsalicylic acid (SA) as part of the plant's response. This production of SA plays a vital role in activating other aspects of the plant's physiology and certain genes which together function to make the plant "immune" to further invasion by that pathogen.

This response is called the SAR (Systemic Acquired Resistance) and it is being researched around the world, funded by large pharmaceutical companies such as Ciba-Geigy and Merck. Billions of dollars are at stake when one considers the fact that the fate of some countries depends on how well certain crops grow: potatoes, soybeans, tomatoes, tobacco, peanuts.

The story is incomplete with just the above factual statement. The SAR can be induced by giving the plant aspirin (SA) and the plant responds as if it had been injured from without, but to a phenomenal degree in some cases. The aspirin triggers known, identified genes (in some cases) to produce unique plant proteins and messenger RNA in quantities as high as 9,000 times normal.⁵ It must be emphasized that these findings are in laboratory plants, measuring microscopic quantities (molecular) which can be extracted and assayed only by recourse to sophisticated gas chromatography or radioactive trace chemistry. The plants used are the laboratory equivalents of white rats: *Arabidopsis thaliana* (a common weed), *Nicotiana tabacum* (tobacco), and *Phaseolus vulgaris* (soybean) using strains of these which have been grown for generations and whose genetics are relatively well-known and well-charted. In some cases, transgenic plants may be used (plants whose genetic makeup has been altered by adding or subtracting particular genes) so that precise measurement of effects can be assessed.

Now, any cheap and common chemical that can trigger a 9,000-fold increase of other chemicals in a plant (to ward off disease) is worth looking into, even if the research costs millions of dollars. Interestingly, acetylsalicylic acid is not the only chemical that prompts plants to develop an SAR. Two chemicals, 2,6-dichloroisonicotinic acid and 2,5-norbomadiene, are currently undergoing field trials in Europe, but results are not public and government approval would probably be required in the U.S.⁶

Regardless of whether these advanced chemicals will be available to us in the near future, experimentation up to now has shown clearly that SA (aspirin) induces resistance to the soft-rot *Erwinias*, various strains of *Pseudomonas*, the tobamoviruses (collective term for tobacco mosaic and related viruses), potyviruses (potato), and to downy mildew and other fungal infections. It even inhibits multiplication of encephalomyocarditis virus in primary mouse tissue culture, and it does this at low concentrations (cited in White⁷). Although, as noted above, other chemicals induce SAR in plants, few do it as reliably and in low concentrations as well as aspirin. The two newly developed chemicals cited in the previous paragraph may be improvements on aspirin, but data on

this is apparently proprietary.

Most available systemic controls of plant pathogens are hazardous to non-target insects such as bees and higher forms of life, including people. The promise of something like aspirin with its near-zero toxicity and a capability to block *Erwinia* is worth exploring on a crude level even if we do not have recourse to a fully-outfitted laboratory capable of dealing with the molecular chemistry involved. Our backyard economics are important to us.

(Really, this is not a hoax article. The citations at the end are real journals available at some university libraries, or, if your computer has the capability, down-loadable.)

Erwinias owe their virulence and invasive power to the enzymes they produce, which result in the lysis of cell walls and other "hard" structures, such as cellulose and chitin. The enzymes are secreted by the bacterium and therefore move outward in advance of the organism itself. *Erwinia* multiplies rapidly in humid conditions at ordinary middle-range temperatures (35-75°F). In the laboratory, untreated leaves of *N.tabacum* "Samsun" may show maceration by *Erwinia* within four hours of infection⁵ and be totally lysed at 48 hours. The speed of infection is as phenomenal as it appears to be when we wake up and find a plant that was "healthy yesterday," falling over today.

Implications and Non-Laboratory Application

The following section may repeat some of the above in order to emphasize it for simplicity and understanding. Aspirin dissolves rapidly in water, yielding acetylsalicylic acid in aqueous solution. This SA solution triggers the plant's own physiology to produce chemicals that inhibit various pathogens in the laboratory at room temperatures. Danger to people is at or near zero, even with prolonged use, since aspirin is one of the most widely used drugs known.

Limitations

The effectiveness of SA is said to cease at temperatures around 32°C (85-90°F) under laboratory conditions.⁵ The laboratory conditions referred to typically involve small leaves or plantlets in small dishes where the roots are not in soil, but agar. The entire plant is small, a fraction of an ounce, exposed, with all parts at room temperature. The plant's environment is axenic (absolutely sterile).

I did not find any research bearing on the length of time the SAR persists, whether for a month or a year, or anything bearing on its occurrence in monotyledons, but it may be out there.

We do not know (with regard to temperature) whether a big, outdoor iris clump growing with its root system and rhizome below ground

level (where it is cooler), weighing 2-5 pounds, already inoculated with SA and experiencing an SAR will have its plant parts protected enough (at 85-90°F ambient air temperature) to keep the SAR active and functioning. My guess is that since high temperatures and dry conditions inactivate *Erwinia*, the SAR will keep pace with it, protected by the microclimate within the SA inoculated plant.

How Does One Test the Laboratory Findings with Iris?

I aggregated conditions from a number of laboratory experiments which tested differing plants under differing conditions to arrive at my conclusions for dosage of aspirin in a backyard situation. I used Palva, *et al.*,⁵ as a kind of model. Under their conditions, a table of interactions between degree of *Erwinia* infection and days post-treatment shows that 4-5 days seems to maximize the effect of SA in concentrations of 0.001 M before exposure to *Erwinia*. After four days, of the 44 plants inoculated with *Erwinia*, none became infected. Essentially the same results occurred on day five. Another graph showed degree of infection at various hours after inoculation with *Erwinia* in SA treated vs. control plants. Leaves of control plants (no SA) are nearly totally macerated 12 hours after inoculation, and completely after 24 hours. The most dramatic effect was 5 days after starting continuous SA treatment where SA in solution (at a concentration of 1 mM) was added to the agar in which the seedlings were growing.

The working dilution of aspirin for a backyard field trial became simply a SWAG (scientific wild-ass guess), after trying to translate molal solutions, e.g. 0.001 M. According to my calculations a dilution of two 325-mg nonbuffered aspirin tablets per gallon of tap water as a soil drench, locally seemed to be roughly a 2X equivalent. I used the drench in the fall of 1996 after planting in mid-September, and again a week later. I was a bit desperate having lost nearly 75% of my plants (arils and arilbreds) due to an unusually wet summer and some iris borer. Bacterial leaf spot, *Erwinia* infections and clear evidence of virus infection were responsible.

I used the same dilutions again in the spring of '97, after the last snow (typically April 4 in Chicago). This year my winter losses were only 12-15 percent. Many plants bloomed and set seed. The borer was worse (more invasions), but where I'm sure I would have lost plants due to secondary *Erwinia* infections, I had only three or four obvious infections. I have treated individual plants with rhizome rot (presumably *Erwinia*) by simply scooping out the rot with a finger, and had the rot stop after applying an aspirin drench, leaving the rhizome in place if there was a portion of it with live roots. My backyard remedy was crude,

but effective. The only experimental control was the baseline of the previous year's losses, around 70%, vs. 12-15% this year with a total of 30% losses due to other factors, such as freezing, chipmunks digging at the roots, etc.

Other Issues

We don't know how long the treatment "lasts". Whether after application of SA and induction of SAR, the plant continues to protect itself during dormancy, just isn't clear. At 0°F or below, we don't know what happens to the chemistry. I think the SA treatment seems to curb a tendency to dormancy in arilbreds. In arils and some OGBs it seems to hasten dormancy. I'm not sure whether to attribute the change I think I see to SA or other possibilities. My plants grow under difficult conditions, too little sun, too much rain, the beds raised only 6-12". An unexpected and not clearly established effect was that all flower colors seemed to be intensified, in all plants. But I can't be sure because the roll of film showing them disappeared. SILENT TEARS was much more contrasty than the previous year, with purple splashes much darker and more vivid. Very little else bloomed the previous year. BIG BLACK BUMBLEBEE seemed brighter than the 3 year-old memory, but I felt I couldn't rely on that, so checked the written descriptions in the checklist. It didn't match. A surprising number of plants just didn't match their descriptions. GENETIC ARTIST matched, but the vividness of coloration was beyond anything I've ever seen in flowers. It was like comparing an old Kodachrome with Kodak's Royal Gold or Fuji's Velvia. However, ENERGIZER did look like its picture in the AIS Bulletin, so I don't know....

A few plants bloomed off a single fan with no increase. I left the bloomstalks in the ground - dug 'em up (Sept. 1) to check them, and all had developed offshoots. In other plants seemingly breaking dormancy earlier, side shoots are poking up while leaves on the main rhizome are apparently abscising early and the rest of the leaf is still green. I got "takes" on plants I would not have expected to set seed.

Some plants seem to show increased growth, where rot had not destroyed the plant. Bacterial leaf spot seems to be less frequent and less severe now, even though we've been plagued again by more than the usual rain this year, over 4 inches in August.

Increasing the dilution noted might result in some toxicity, but in the laboratory, doubling the dilution of 0.001 M resulted only in slight inhibition of plant growth (in tobacco), when the plant or its roots were immersed in the solution for days.⁵ In the ground, outdoors, it can be assumed that a large portion of the solution will drain away, with some

of it, of course, adhering to the roots or held between soil particles in contact with the rootlets, by surface tension.

It should be noted again that aspirin is not a medicine to “cure” *Erwinia*, but a signal or trigger to the plant to produce more SA and proteins, the RNA which play a role in blocking pathogens. The exact mechanisms are only partly known, and only for some pathogens, and some laboratory plants.

I would have liked to institute some simple scientific controls, but with a very small space (3-to 6- by 17 foot beds) and usually only one plant of each of 100 or so varieties, I can't afford it. I hope that those of you who read this, will try aspirin as indicated but run some semblance of controls in your efforts. If you have many rows, treat one row, skip the next, etc. If you have many duplicates of a particular plant treat some, not others, keeping all other conditions equivalent. And keep careful detailed notes so that you can report on this, and all of us can advance.

Since the SA works on such a broad range of pathogens, including fungi, I would hope that anyone growing seedlings indoors and having trouble with “damping-off” fungi would try using aspirin on them to see if it reduces mortality. Whole trays of sprouted seedlings can go in a matter of a few hours. They look well but they're already invaded and “dead on their little feet”. Water with the dilution before they're out of the ground, and can take it in through their first roots. Again use controls, to see if the treatment retards sprouting.

In this brief article, I have tried to compress and abstract relevant data from 20-30 years of research without doing too much violence to the concepts, or oversimplifying the issues. I hope that I've prompted a few readers to explore further in the area. Any errors of fact or miscalculation of dilutions are, of course, mine.

Glossary and Technical Help

Catalyst - A substance, metal, metallic ion, or nonmetallic molecule which speeds a chemical reaction that otherwise occurs more slowly. Although the catalyst participates in the reaction, it can be recovered unchanged at the end of the reaction. Example: Carbon dioxide dissolves in water, but at room temperature and sea-level pressure, only at a rate of about 200 molecules per hours. In the presence of carbonic anhydrase (an organic catalyst called an enzyme), the reaction occurs at a rate of about 600,000 molecules per second.


Enzyme - An organic or biochemical catalyst, often found in or manufactured by living organisms.

Lyse, Lysis -To lyse is to destroy or decompose chemically.

Ordinarily dissolving something such as table salt (NaCl) in water breaks it down into ions of Na⁺ and Cl⁻ which are recoverable as NaCl when the water evaporates. Lysis, as distinguished from going into solution, means that the lysed and liquefied substance is not recoverable or reconstitutable, as when *Erwinia* lyses a plant cell wall.

Mole - A gram molecule, i.e., the molecular weight of a substance expressed in grams. A molal solution (loosely, a mole) is a gram molecule of a substance dissolved in a liter of water.

mM - millimoloe + 0.001M

Erwinia carotovora means the *Erwinia* that eats carrots. The name commemorates its first important agricultural victims and Erwin F. Smith, an American bacteriologist (1851-1927). 

¹ Agosta, William C., 1996, *Bombardier Beetles and Fever Trees*, Addison-Wesley.

² Bailey, J., and Deverall, B., eds., *The Dynamics of Host Defense*. Academic Press. Sydney, Australia (various articles).

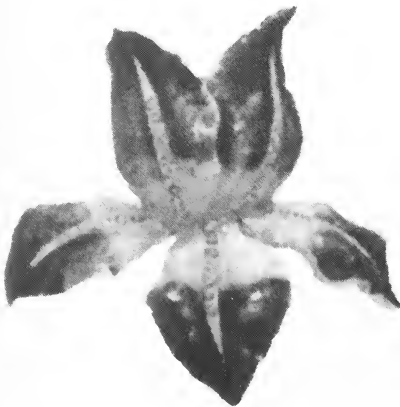
³ Uknes, S., Lawton, K., et al., 1993. *Plant Responses to the Environment*, Vol. 2. CRC Press, Boca Raton, FL

⁴ Chester, K.S., 1933. "The Problem of Acquired Physiological Immunity in Plants", *Q. Rev. Biol.* 8: 275-324

⁵ Palva, Tuula K., Hurtig, Maria, et al., 1994. "Salicylic Acid Induced Resistance to *Erwinia carotovora* subsp. *Carotovora* in Tobacco," *Molecular Plant Microbe Interactions* (MPMI) v. 7, no. 3. 356-363.

⁶ Agrios, George N., 1997 (personal communication).

⁷ Uknes, S., Winter, A.M., et al., 1993. "Biological Induction of Systemic Acquired Resistance in *Arabidopsis*," *MPMI* v. 6, no. 6, 692-698.



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International News

*By George & Margaret Sutton, California
and Bruce Filardi, Oregon*

BRITISH IRIS SOCIETY - REQUEST FOR GUEST IRISES

The West & Midlands Group will host the BIS Convention in 2002. They are establishing beds of guest irises at several locations, as is done at other conventions, but never before in Britain. They hope to have displays of irises from hybridizers in many countries. This is an invitation to send some of your creations which will be seen and admired by Convention visitors.

You are invited to send up to three plants each of recent registrations which may or may not have been introduced, and seedlings being considered for naming. As the Convention will be held in late May, irises which are likely to be in bloom at the time - Intermediate, Border, Miniature Tall and Tall Bearded irises, Siberians, possibly early Spurias, and species which do not require special conditions - will be especially welcome.

Please send to the organizer, Raymond Bomford (address below) so as to arrive between mid-August and late September 1999. Label each plant clearly with its name or seedling number, and enclose a list of all the irises by name or number, together with their type (TB, IB, etc.), height and color, plus your name and address. Send to:

Mr. G R A Bomford
The Hills
Tanhouse Lane
Beoley
Redditch
Worcestershire B98 9AB, England
Telephone Number 01527 64332

Overseas hybridizers, in countries other than those in the European Community, **MUST** obtain a Phytosanitary Certificate to accompany the plants. Customs Declarations should state clearly that the plants are a gift.

You will be notified of the receipt of your plants and progress reports will be provided. Early in 2002 you will be asked for instructions regarding the disposal of your plants after the Convention. If no reply

is received by April 1, 2002, the committee will take this as permission to dispose of all stock in any appropriate manner, such as sale for assistance towards Convention expenses. If plants are to be returned, postage must be paid by the original sender.

All possible care will be taken by host gardeners of the guest irises in their care, but neither they nor the West & Midlands Iris Group will accept responsibility for losses beyond their control. If you have any queries, please contact Raymond Bomford or the Group Hon. Secretary, Peter Hewitt (01584 890526).

FROM Ian Efford, Ottawa, Canada:

I have just hosted Charles Stirton who is building the new National Botanical Garden of Wales - 600 acres, with a very large (110 M long) single span greenhouse that can be seen from space! In discussion, he mentioned that he visited the botanical garden just outside Prague where there is a major collection of irises, especially irises collected from throughout the old Soviet Union, right across to the far end of Siberia. He said that the director has undertaken a great deal of hybridization and the collection is absolutely wonderful. I had not heard of this collection and wonder if it has been written up anywhere. If not, there should be information made available through the AIS Bulletin on this collection.

AND in response to this posting on the Internet, Juri Pirogov, Moscow, Russia, says:

That garden is in Pruhonice, Czech Republic. It is the very well known collection of Dr. Milan Blazek. The collection includes about 120 samples of species, principally European bearded; about 800 TB cultivars, 60 before 1927, 105 from 1927 - 1940, 150 from 1941 - 1951. It includes many medians, dwarfs and Siberians.

THE IRIS THAT CAME FROM THE EAST

by Sylvain Ruaud, former Editor of *Plantes et Bulbeuses*. Translated by Bruce Filardi. Reprinted with permission of the author and Der Staudengarten.

The judges of the International Iris Competition in Florence are known for taking their job seriously. As a result, everyone was amazed when they awarded the medal in 1985 to LIBON, hybridized by a certain Wojtek Smid from Czechoslovakia. They awarded first prize to an iris that didn't come from the USA? Impossible! And then another lapse ten years later: they selected IKAR (at the time displayed as "Ariel"), an iris that came from Uzbekistan. The world finally started

to realize that interesting irises can be bred outside of America!

There are many talented hybridizers outside of the United States, especially in the countries that were isolated for so long, and where it was certainly difficult to get hold of any of the Western world's genetic treasures. I wanted to meet them; I wanted to learn about their work methods, their goals, their genetic materials, their growing conditions, etc.

This became possible thanks to the help of a passionate iris lover, Sergey K. Loktev, who had been looking for contacts in the West. This idealistic, generous irisarian has resuscitated the Russian Iris Society, which unites all Russian-speaking iris lovers. He has also organized competitions and conferences. The influence of his organization has reached an international level, primarily through his work as Registrar; he has overseen the registration of a great number of cultivars which were bred in the former USSR and its satellite states. Through Mr. Loktev's help, I have been able to make the acquaintance of many of these breeders, and they, in turn, have put me in contact with others.....

Russia is the land of Professor Rodionenko, the world famous specialist in wild iris species, despite his country's often extreme climate conditions which can be marginal for irises. Russia is also the land of several first-rate hybridizers. There are two main groups: the Northerners and the Southerners. The Northerners are the hybridizers who live in the Moscow area, such as Yuri Pirogov or Viktor Sheviakov, and especially Irina Driagina, who has been making crosses since the 1960's. The Southerners live at the foot of the Caucasus, like Galina Shevchenko, and Nadezhda and Vitali Gordodelovy, a married couple who are iris-breeding veterans and have developed a wide-ranging collection of varieties in all colors. Unfortunately, they have not kept parentage records.

The Ukraine also has highly qualified iris specialists, such as Nina Miroshnichenko and especially Oleg A. Amekhin. Amekhin is a biologist who has specialized in interspecific hybrids among *I. virginica*, *I. versicolor*, and *I. ensata*. He has given the name of *ensicolor* to the result of his breeding program. [See article, AIS Bulletin, July 1998] These hybrids are plants which combine the best properties of their parents, and they deserve a position in the pantheon of garden irises.

Much farther to the east, on the border of Central Asia, live two exceptional hybridizers. Deep in Kazakhstan, at the foot of the Pamir, Leonard Venivitin grows thirty-year-old American cultivars (who knows how they got there!) and crosses them with one another. And in Tashkent, the capital of Uzbekistan, Adolf Volfovich-Moler has com-

pleted genuine experimental research as a hybridizer, and he has successfully developed strong, original, floriferous varieties. This hybridizing program was the source of IKAR, the 1995 Premio Firenze winner, and SIMFONIYA, its reciprocal sibling which was selected as Best Late Variety in Florence in 1994. Perhaps Mr. Volfovich-Moler's greatest hybridizing success is the gold and rustcolored variegata, TASHKENT.

Whether these hybridizers are in Russia, the Ukraine, or Uzbekistan, they all suffer from the fact that the available genetic material consists of older varieties, mostly from the 1960's and 1970's. (IKAR and SIMFONIYA are from crosses of RIPPLING WATERS and PIPES OF PAN.) No matter how great their talent, their seedlings are limited to the appearance, vitality, and robustness of equivalent Western seedlings of the 1970's and 1980's. But in the future they will be able to work with the new hybrids, and in a few years they will be able to compete with the hybridizers of the West on a more even field.

Poland is certainly not Utopia for the iris-grower! Iris gardens are very rare in Poland, where the cold, damp winters cause a great deal of damage. However, Lech Komarnicki, after a career in the theater, was bitten by the iris virus rather late. He retired to a place in the country, in order to devote himself to his passion. On two occasions, winter weather has destroyed more than half of the plants in his garden, but he doesn't give up! Above all, he has developed cold-resistant varieties, which he is now growing in quantity. But increase is slow under the pale sun of Poland. In Schlesin, Jerzy Wozniak has also developed a hybridizing program.

Under the Mediterranean sun of Istria, Izidor Golob doesn't have to deal with the problems of extreme winters. On the Italian/Slovenian border, he follows a careful program of crosses, from which he retains only the very best seedlings. To date, he has only registered the two of which he is proudest: VESTALKA (a pink self) and ZLATI ORNAT (yellow with brown veins.)

In the Czech Republic, iris breeding has a long tradition. A personality like Milan Blazek is known throughout the iris world. Therefore, it shouldn't have been such a surprise when LIBON caught the judges' eyes in Florence. Today there are numerous Czech hybridizers, a likable group centered around Leonard Ryznar and Petr Mimranek. The most successful is Pavel Nejedlo, whose reputation has traveled as far as America. And we can't forget Zdenek Seidl, the main proponent of the "club EIS" (European Iris Society), which he envisions

as a European counterpart of the American Iris Society.

The most interesting hybridizer/personality on the shores of the Danube is located in Bratislava, in Slovakia; this would be Ladislav Muska. This chemist, a specialist in horticultural pharmaceuticals, has really gotten involved in iris breeding. He had developed an ambitious program of crosses, based on a noteworthy collection of American and Australian cultivars, carefully selected according to scientifically-correct guidelines. His main interest is Space Agers. Every year he makes an impressive number of crosses and grows several thousand seedlings, which he judges severely each Spring. Among his creations are many hybrids with great genetic potential, which he will intercross, following a system of method and inspiration. HELLADA (amethyst violet with orange beard and lavender appendages) and BRILANTINE (mauve bitone with golden beard and blue horns) both received high marks at the Dr. Loomis Memorial Trial Gardens in Colorado. His greatest successes have been with bitones and bicolors, such as DON EPIFANO, RI-SAMPEI, VANILLA LACE, and SA-COMA. Mr. Muska is a man of active intellectual curiosity; he is especially interested in mythology and folklore of all cultures, and this area is the source of many of the names he has given to his irises.

This gives you a snapshot of Eastern Europe, so recently opened to the rest of the world. For the iris-lover, this represents a new source of imagination, talent, and enthusiasm. In the West, we have to keep these "new" hybridizers in mind, as they will soon join the ranks of the hybridizing elite. They're already challenging us to a friendly competition!

FROM Ona Griniuviene, Vilnius, Lithuania:

I live in Lithuania. It is situated in North Europe, USDA climate zone 4 with annual minimum temperatures of -35C to -29C (-31F to -20F), humid, soil type acid. I am a new member of AIS, since 1998, but an old iris lover, since 1960. My first properly named registered iris varieties were received from Dr. G. Rodionenko of Russia, and the number reached about 400.

Unfortunately for 13 years, from 1983 to 1996, I was not able to look after my irises properly. They got no sprays, no fertilizers, no mulch and weeding only occasionally. As I got an opportunity to take care of my collection again, it was very painful to realize, that most of my irises had been lost. Many of my favorite varieties, such as Allegiance, Amethyst Flame, April Melody, Brasilia, Christmas Time,

Cliffs of Dover, Eleanor's Pride, Emma Cook, Esther Fay, Gay Tracery, Gypsy Jewels, Stepping Out, Wine and Roses, and many others had perished. To my great surprise some irises bloomed and were quite well. These were Big Ute '50, Blue Shimmer '41, Bright Hour '49, Broadway Star '57, Kitize '72, Lela Dixon '49, Pink Talcum '49, Sleighride '51, Supreme Sultan '88, The Black Douglas '34, Tomeco '59, Velvet Caper '63 SDB, and Vice Regal '41. The record-holder was Kitize (Milan Blazek, '72, Czechoslovakia): it had a big clump, healthy leaves and several stalks with good blooms. Since that time my collection has been enlarged again and I hope the bad time comes no more.

In the Bulletin of July 1998 I have been encouraged to suggest topics related to tall bearded irises. Here are my propositions:

1. Means to improve the germination of seeds. In our climate it is very important, because germination of the seeds in the first year comes to 10-50% and lasts from 3 to 4 years, or even longer.

2. I would also like to know about such new terms as "glaciata," "luminata," "heaven colors", etc.

3. I would be much obliged to know more of the climate tolerance in Canada and Northern Europe.

I am very happy to have the opportunity to read the Bulletin of the American Iris Society. Thank you.

IRISES of the Kazakhstan, by Boris Guzhavin

I began growing irises in 1981, when I moved to Kazakhstan from the Krasnoyarsk region in Siberia, where I was born in 1955. In Siberia during the late 1970s I made my first attempts at growing TBs outdoors, but all the rhizomes, even under good cover, perished the first winter when the Siberian temperature was -40C to -45C (-40F to -49F). When I moved to Almaty, I began collecting irises again and growing them in my garden. Almaty is the capital of Kazakhstan with over one million people, situated in the southeastern part of the country near the great mountains of Alatau. The late breeder Nikolay Ivanov lived and worked with irises in Almaty. He collected in his garden about 500 various cultivars of TBs and gave me several varieties, including Solid Gold, Dark Mood, Siva-Siva, Stepping Out, Heather Hawk, Frost and Flame and others. He hybridized and introduced Marianna, Lyod Medeo, Vestnik Leta, Alatau and others.


Later I began intensively collecting various irises for the purpose of hybridizing. I investigated about 200 cultivars, especially American introductions, and selected those I considered best for my work. These

included Stepping Out, April Melody, Rippling Waters, Chinquapin, Sailor's Dance, Winner's Circle, Kilt Lilt, Matinata, Winter Olympics, Vitafire and others. I love plicatas; therefore I began my work with them. One of my successful crosses was Stepping Out X April Melody which I made in 1985. From this cross I selected some very nice ruffled plicatas. Two of the best seedlings I named Alia, a bright blue plicata, and Devitchyi Nariad, a very early blooming royal purple plicata. Later, from using Dancer's Veil, Winner's Circle, Bazaar, Wild Ginger, Siva-Siva, Ribbon Round and so forth, I selected and named several good plicatas as Stuardessa, Varvara, Medovyi Prianik, Starinnoye Kruzhevo, and Boyarin.

My main goal was hybridizing heavily ruffled and laced modern irises. To this end I began using Schreiner's Sailor's Dance widely in my crosses. From crosses with Winner's Circle, Stepping Out, April Melody, Rippling Waters, Vitafire, Pink Chimes, Frost and Flame, Prince Indigo and others, I selected some very good lavenders, blues, and violets. These became Patriarch, Zolushka, Sokrovennyi, Mayskaya Noch, Sapphirovaya Viaz, Asia, Fakyr and others, which are beautiful modern irises for cut flowers and for showing. From Russian irises I selected only one, Vitaly, which was introduced in Russia in 1982 by V. Gordodelov. This iris is bright gold with a white area on the falls and has very good substance. From Vitaly X Sailor's Dance I selected a very beautiful lavender blue with purple influence on the falls, very vigorous and with good ruffling.

And so I'm off to a good start. However, I really want to cross my best seedlings with new modern irises, especially American introductions; the iris assortment in Kazakhstan at present is very old. I am also interested in SDBs, Japanese, and other groups. I would like to thank David Schreiner, Ben Hager and Richard Cayeux from France, who all sent me rhizomes and seeds in 1997 and 1998. All who love irises, write me at: Boris Guzhavin, PO Box 67, 480000 Almaty, Republic of Kazakhstan.

Les Donnell, Australia

On a sad note, Keith Keppel received word from Barry Blyth that Les Donnell (Leslie J. Donnell) died early in February. He had hybridized for many years in Australia, and had won numerous awards at Florence. 

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Rebecca Wong, President
589 North St.
Feeding Hills, MA 01030-1309

Iris Society of Massachusetts
David Schmieder, President
566 Old Road to NAC
Concord, MA 01742-4116

Maine Iris Society
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129 Merrill Hill Rd.
Greene, ME 04236-3913

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Carol G. Blais, President
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Ludlow, MA 01056-1639

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P.O. Box 24
Kinderhook, NY 12106

Empire State Iris Society
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280 Seneca Creek Road
West Seneca, NY 14224-2374

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Stormville, NY 12582-0222

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Springfield, PA 19064-1601

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Hendersonville, NC 28739-5931

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1131 Allison Ave. NW
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Ronald R. Payne, President
6508 Kelium Drive
Indianapolis, IN 46221-4820

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412 Woodsboro Drive
Royal Oak, MI 48067-4348

Iris Growers of Eastern Indiana

Charles K. Rumbaugh, President
3520 E. Dudlel Ave.
Indianapolis, IN 46227-7027

Miamia Valley Iris Society

John Bruce, President
604 The Alameda
Middletown, OH 45044-4814

MIO Irisarians

Carol Fisher, President
2395 Park Rd.
Mio, MI 48647-9513

Northeastern Indiana Iris Society

Virginia Wesche, President
27008 Jewell Rd.
Defiance, OH 43512-9164

Northeast Ohio Iris Society

Mike James, President
1065 Boston Mills Rd.
Peninsula, OH 44264-9748

Southwestern Michigan Iris Society

Jim Copeland, President
78118 M-40
Lawton, MI 49065-9467

Tri-County Iris Society

Lynda A. Walker, President
6206 Cooper Road
Lansing, MI 48911-5553

Region 7*Bluegrass Iris Society*

Virginia Van Horn, President
860 Gwinn Island Drive
Danville, KY 40422-9250

East Tennessee Iris Society

Geraldine Couturier, President
1724 Drinnen Rd.
Knoxville, TN 37920

Iris Society of America's First Frontier

Mack Hughes, President
3060 Kelly Gap Road
Greeneville, TN 37743-5437

Jackson Area Iris Society

Joseph Zacharzuk, President
204 Pleasant Hill Road
Humboldt, TN 38343-6621

Kentucky Rainbow Iris Society

William P. Grise, M.D., President
160 Parkwood Drive
Richmond, KY 40475-9456

Ken-Ten Iris Society

Joyce Reynolds, President
6789 Hwy 190
Dresden, TN 38225-2275

Louisville Area Iris Society

Kaye Moore, President
9423 Springmont Place
Louisville, KY 40241-2229

Memphis Area Iris Society

Caroline S. Nave, President
401 Goodland Circle
Memphis, TN 38111

Middle Tennessee Iris Society

Jerry Phillips, President
704 Jackson Ave.
Carthage, TN 37030-1336

Mid-South Japanese Iris Society

Virginia Hill, President
1030 Autumn Oaks Circle
Collierville, TN 38017-3202

Mid-State Iris Association

Russell Watson, President
847 Anthony Ave.
Smithville, TN 37166-2224

Parisian Iris & Daylily Club

Paul Russell, President
P.O. Box 765
Paris, TN 38242-0765

Shelby County Iris Society

Mary Ann Collins, President
1537 Eastridge Drive
Memphis, TN 38120-8860

Southern Kentucky Iris Society

James M. Bingham, President
5414 Woodburn-Allen Sprgs. Rd.
Bowling Green, KY 42104-7436

Twin States Iris Society

Dorothy R. Hesson, President
206 Eastland Ave.
Lebanon, TN 37087-2012

West Tennessee Iris Society

Steven P. Stone, President
5190 Woods Landing Cove
Memphis, TN 38125-3800

Region 8*Iris Society of Minnesota*

Marsha VanDeBrake, President
958 124th Lane NW
Coon Rapids, MN 55448-1456

Madison Area Iris Society

Richard C. Berling, President
5026 Piccadilly Drive
Madison, WI 53714-2014

Wisconsin Iris Society

Jerome A. Bengston, President
2908 Old Mill Dr.
Racine, WI 53405-1324

Region 9*Blackhawk Valley Iris Society, Inc.*

Joseph P. Stien, President
7907 Scott Lane
Machesney Park, IL 61115-3065

Mid-Illinois Iris Society

Nancy D. Pockington, President
609 Harrington St.
Carlinville, IL 62626-1230

Northern Illinois Iris Society

Charles J. Simon, President
10 S. 122 Lorraine Dr.
Hinsdale, IL 60521-6048

Northshore Iris and Daylily Society

Alice Simon, President
2516 Scott St.
Des Plaines, IL 60018-3948

Prairie Iris Society

Margaret Kelly, President
1708 Holiday Drive
Pekin, IL 61554-1925

Southern Illinois Iris Society

Ann Henson, President
6401 Cedar Road
Iuka, IL 62849-2815

Region 11*Gem State Iris Society*

Charles Stanley, President
3245 N. Wing Road
Star, ID 83669-5146

Missoula Iris Society

Cindy Davis, President
929 Cooley St.
Missoula, MT 59802-2415

Pollen Daubers Iris Society
Kenneth E. Gordy, President
819 Mason Rd.
Caldwell, ID 83605-8025

Region 12

Logan Iris Society
Joan R. McFadden, President
1340 Cliffside Drive
Logan, UT 84321-4909

Utah Iris Society
Thomas J. Miller, President
2223 South 760 West
Woods Cross, UT 84087-1768

Region 13

Columbia Basin Iris Society
Beverly Petrak, President
11209 Rd. Q.N.W.
Quincy, WA 98848-9584

Greater Portland Iris Society
John W. Ludi, President
35071 SE highway 211
Boring, OR 97009-9584

King County Iris Society
Richard W. Greenberg, President
P.O. Box 95538
Seattle, WA 98145-2538

Pierce County Iris Society
M. Elaine Bessette, President
865 South 50th St.
Tacoma, WA 98408-5751

Walla Walla Iris Society
Richard W. Johnson, President
638 Ash St.
Walla Walla, WA 99362-1502

Yakima Valley Iris Society
Bonnie Johnson, President
1610 Dazet Road
Yakima, WA 98908-9211

Region 14

Fresco Iris Society
Dr. Philip Smith, President
8290 N. Academy Ave.
Clovis, CA 93611-9454

Kings Iris Society
Sharon Misenhimer, President
1848 Harding Ave.
Hanford, CA 93230-2202

Las Vegas Iris Society
Dorlene Waite, President
5271 Via de Palma Drive
Las Vegas, NV 89146

The Leo T. Clark Foothill Area Iris Society
Claudia Owen, President
6288 Huggins Drive
Orland, CA 95963-9351

Monterey Bay Iris Society
Elena Laborde, President
3203 Fairway Drive
Soquel, CA 95073-2777

Mt. Diablo Iris Society
Robert J. Canning, President
P.O. Box 4661
Walnut Creek, CA 94596-6717

Redwood Iris Society
Jay Hudson, President
33450 Little Valley Rd.
Fort Bragg, CA 95437-8442

Sacramento Iris Society
Eleanor D. Fink, President
747 Oak Avenue
Davis, CA 95616-3628

Santa Rosa Iris Society
Hal Mattos, President
1650 Cerro Sonoma Circle
Petaluma, CA 94954-5764

Sequoia Iris Society
Sharon Wylie, President
51 South Byron Dr.
Lemoore, CA 93245-3465

Sierra Foothills Iris Society
Kathy Braaten, President
1214 Cresthaven Drive
Roseville, CA 95678-5148

Southern Nevada Iris Society
Helen Rusk, President
427 Summit Drive
Henderson, NV 89015-8353

Sydney B. Mitchell Iris Society
Alan D. Robbins, President
58 Chaucer Drive
Pleasant Hill, CA 94523-4106

Westbay Iris Society
John I. Jones, President
35572 Linda Drive
Fremont, CA 94536-1523

Region 15

Hi Desert Iris & Daylily Society
Barbara G. Turner, President
650 West Barrel Springs Rd.
Palmdale, CA 93551-7914

Inland Region Iris Society
Carol Morgan, President
4093 Elmwood Ct..
Riverside, CA 92506-1146

Orange County Iris & Daylily Society
Marilyn Pecoraro, President
1917 Tumin Road
La Habra Heights, CA 90631-8191

San Diego & Imperial Counties Iris Society
Steven Rocha, President
14170 Mussey Grade
Ramona, CA 92065-7708

San Fernando Valley Iris Society
Gerald C. Snyder, President
7855 Ellenbogen St.
Sunland, CA 91040-2213

Sonoran Desert Iris Society
Charlene Errigo, President
17642 N. 23rd Ave.
Phoenix, AZ 85016-3027

Southern California Iris Society
Derelyn Errigo, President
5123 East Carita St.
Long beach, CA 90808-4150

Sun County Iris Society
Jolene D. Konkol, President
1914 E. San Miquel Ave.
Phoenix, AZ 85016-3027

Tucson Area Iris Society
Barbara Evans, President
5151 N. Bear Canyon Rd.
Tucson, AZ 85749-8632

Region 17

Belton Iris Society
Liz Wu, President
200 East 21st Ave.
Belton, TX 76513-2018

Benson Iris Society
Annetta Reusch, President
42 Surrey Circle
Iowa Park, TX 76367-1041

Fort Worth Iris Society
Joseph A. Spears, President
910 Pioneer Circle E.
Argyle, TX 76226-6714

The Iris Society of Austin
Rhonda Guinn, President
P.O. Box 309
Buda, TX 78610-0309

The Iris Society of Dallas
Lew M. Begley, President
1930 Wilkinson Rd.
Mesquite, TX 75181-2204

Johnson County Iris and Daylily Society
Myrtle Hodges, President
RT 1, Box 66 C
Covington, TX 76636

New Braunfels Iris Society
Bobbie Allen, President
1206 E. Common, N.B 78132
New Braunfels, TX 78130-7904

North Plains Iris Society
Connie Murphy, President
4 Thunderbird
Canyon, TX 79015-1714

Permian Basin Iris Society
Ann Carnes, President
Rt 3, Box 102A
Seminole, TX 79360-9413

The Piney Woods Iris Society
John Phillips, President
200 Smith Creek Rd.
Denison, TX 75031-7404

Rainbow Iris Society
Charlene Owens, President
1805 Yarborough Dr.
Sherman, TX 75092-7583

South Plains Iris Society
Dana Brown, President
RT 3, Box 118-H
Lubbock, TX 79401-6829

Texoma Iris Society
Gordon D. Green, President
1925 S. Fannin Ave.
Denison, TX 75020-6829

Waco Iris Society
James M. McClindan, President
P.O. Box 237
Elm Mott, TX 76640-0237

West Texas Iris Society
Floy M. Maberry, President
1704 W. Kentucky
Midland, TX 79701-6974

Region 18

Boothill Iris Club
Carol Loker, President
2300 Fifth Avenue
Dodge City, KS 67801-2545

Garden City Area Iris Club
Duane VanDolah, President
1512 Cottontail Court
Garden City, KS 67846-7349

Greater Kansas City Iris Society
Jerry Hoke, President
9015 Carter Circle
Overland Park, KS 66212-4719

Greater St. Louis Iris Society
Riley Probst, President
418 N. Van Buren Ave.
Kirkwood, MO 63122-3921

Hutchinson Iris Club
Louise Carlson, President
1523 E. 15th St.
Hutchinson, KS 67501-2752

Iris Society of the Ozarks
Marjorie Gayer, President
Box 146
Ash Grove, MO 65604-0146

Jeffco Iris Society
Tom Gormley, President
6717 Martha Drive
Cedar Hills, MO 63016-2502

Kirkwood Iris Society
Mary Lou Wick, President
2956 Woodbridge Estates Drive
St. Louis, MO 63129-2307

Mineral Area Iris Society
Gale Hatridge, President
RT #1, Box 155
Irondale, MO 63648-9700

O'Fallon Iris Society
Vincent Italian, President
11728 Benedetta Dr.
Bridgeton, MO 63044-3405

Parsons Area Iris Society
Lucy Pearce, President
P.O. Box 512
Parsons, KS 67357-0512

Pony Express Iris Society
Helen Koch, President
3112 Squire Lane
St. Joseph, MO 64506

Semo Iris Society
Jeane Holley, President
P.O. Box 255
Jackson, MO 63755-0255

Show Me Iris Society
Dan C. Judy, President
7300 N. Bell Road
Columbia, MO 65202-9126

Tri-State Iris Society
Bessie Belle Wagner, President
821 G. Street NW
Miami, OK 74354-4422

Washington Iris Club
Mike Theissen, President
310 Burnside St.
Washington, MO 63090-2918

Wichita Area Iris Club
Jay Westervelt, President
3930 South Brummett Cir.
Wichita, KS 67215-1772

Region 19

Garden State Iris Society
Raymond Rogers, President
503 Lee Avenue
North Brunswick, NJ 08902-2411

Region 20

Elmobr Iris Society
Ellen McIntosh, President
4710 Yarrow Place
Colorado Springs, CO 80917-1426

High Country Iris Society
Randy P. Penn, President
4108 South Sherman St.
Englewood, CO 80110-4719

Loomis Iris Society
Emery Swartzendruber, President
702 South 13th St.
Rocky Ford, CO 81067-2132

Northern Colorado Iris & Daylily Club
Dick Christensen, CoChairman
806 Sandy Cove Lane
Ft. Collins, CO 80525-3383

Joy Andrews, Co-Chairman
4118 Manhattan Ave.
Ft. Collins, CO 80526-3680

Region 21

Darwin County Iris Society
Amy Hill, President
43598 Road 749
Lexington, NE 68850-5554

Elkhorn Valley Iris Society
Leland R. Nelson, President
83484 553rd Ave.
Norfolk, NE 68701-1229

Greater Omaha Iris Society
Susan Anderson, President
4102 Southern Hills
Bellevue, NE 68147

Lincoln Iris Society
Gary E. White, President
701 Old Cheney Rd.
Lincoln, NE 68512-1168

Sioux Empire Iris Society
Charles C. Hemmer, President
721 S. Walts Ave.
Sioux Falls, SD 57104-4744

Siouxland Iris Society
Arnold Koekkoek, President
38 7th St. NE
Sioux Center, IA 51250-1811

Trails West Iris Society
Le Roy E. Meininger, President
50029 Sunflower Road
Mitchell, NE 69357-3511

Region 22

Central Arkansas Iris Society
O. Wendell Hall, III M.D. -
President
4300 Doral Drive
Little Rock, AR 72212-2833

Hot Springs Iris Society
Lyle Reiningger, President
398 Prichard Street
Hot Springs, AR 71913-6022

Lawton Area Friends of Iris Society
Maria Edwrds, President
RT. 2, Box 389
Duncan, OK 73533-9649

Mountain View Iris Society
Lacy E. Hagood, Jr., President
6307 N.W. Irwin Ave.
Lawton, OK 73505-2830

Norman Area Iris Society
Norber Kowalchyk, President
1217 Redman Drive
Newcastle, OK 73065-5621

North Central Iris Society
Guida Bingham, President
PO Box 56
Ames, OK 73718-0056

Northern Oklahoma Iris Society
Carol Goldsberry, President
1606 E. Central Avenue
Ponca city, OK 74604-5205

Oklahoma Iris Society
Louise Carson, President
5037 NW 24th Place
Oklahoma City, OK 73127-1715

River Valley Iris Society
Mary Boyd, President
1711 University Dr.
Russellville, AR 72801-3209

Rolling Hills Iris Society
Paul W. Gossett, President
1708 E. 53rd St.
Tulsa, OK 74105-5726

Sooner State Iris Society
William J. Kopplin, President
2512 NW 66th Street
Oklahoma City, OK 73116-4306

Southwest Oklahoma Iris Society
Robert Medina, President
825 N.W. 31st St.
Lawton, OK 73505-51442

Tulsa Area Iris Society
Paul W. Gossett, President
1708 E. 53rd St.
Tulsa, OK 74105-5726

Region 23

Albuquerque Aril Society
Reita R. Jordan, President
3500 Avenida Charada NW
Albuquerque, NM 87107-2604

Albuquerque Iris Guild
Cindy Rivera, President
310 Vermont NE
Albuquerque, NM 87108-2443

Mesilla Valley Iris Society
Ann Colwell, President
905 W. Taylor Rd.
Las Cruces, NM 88005-5433

New Mexico Iris Society
Dorothy Gordon, President
9000 Zuni SE, Space W-69
Albuquerque, NM 87123-3172

Region 24

Birmingham Area Iris Society
Joe M. Langdon, President
4832 Mill Springs Circle
Birmingham, AL 35223-1681

Blount Iris and Daylily Society
Charlie O. Crowder, President
3380 Pine Mountain Rd.
Remlap, AL 35133-3148

Cullman Iris and Daylily Society
Dorothy L. Holmes, President
462 County Road 903
Crane Hill, AL 35053-2426

Golden Wings Iris Society
Nina L. Morgan, President
20142 Adams Road
Aberdeen, MS 39730-9752

Huntsville Chapter of the A.I.S.
Leroy Solomon, President
4702 Mastin Lake Road
Huntsville, AL 35810-3020

N.E. AL. Iris and Daylily Society
Mary D. Terrell, President
2101 Scott St.
Guntersville, AL 35976-1117

North Mississippi Lakes Iris Society
Evelyn Kuykendall, President
RT 2, Box 130
Oakland, MS 38948-9505

Changes in Affiliates since 1998

Region 2 has one new Affiliate: Adirondack Foothills
Iris/Daylily Society

Region 7 has one new Affiliate: Iris Society of America's First
Frontier

Region 15 has one new Affiliate: Sonoram Desert Iris Society

Region 17 has one new Affiliate: Rainbow Iris Society

Three Affiliates have dis-banded:

Blue Ridge Iris Society, Roswell Iris Society & Tri-City
Iris Society

Several Affiliates have not renewed yet.
This list has 172 Approved Affiliates.

Respectfully submitted,

Shirley L. Pope
Affiliate Chairman

MINUTES OF THE MEETING OF THE AIS BOARD OF DIRECTORS

Oklahoma City, Oklahoma

May 4, 5, 1999

The Spring meeting of the Board of Directors of the American Iris Society was called to order by President Clarence Mahan at 1:10 P.M. on May 4, 1999.

Several members paid tribute to AIS Secretary Ruth Simmons who died on April 25th. After a moment of silence in her memory, the President welcomed the group and invited all present to participate in discussions, with the reminder that only board members may vote. Introductions followed. Present during the various sessions were:

Officers: President Mahan, Immediate Past President Niswonger, 1st Vice President and Editor Aitken, 2nd Vice President and Acting Secretary J. Plank, Treasurer Hudson; Legal Advisor R. Plank, Parliamentarian R. Figge, Publication Sales Director N. Pocklington, Ombudsman Begley, Recording Secretary A. Lowe, Registrar Keppel; **Past Presidents:** Barr, Stahly; **Directors:** Campbell, Epperson, B. Figge (RVP 23), Gossett, Guest, M. Lowe, Moller, Jean Morris, Perkins, Pope, Probst and Shepard; **Committee Chairs:** Rice-Waters, Harder, Mazur, Mullin, and McNames; **RVP Representative:** B. Kasperek (12); **RVPs:** Weixlmann (2), Lewonski (3), Marley (4), Bowen (5), Hughes (6), Thurman (7), Dickhaut (9), Meyer (11), Reid (13), Loberg (14), Holk (15), Jim Morris (18), Evers (20), Lingenfelter (21), Carson (22); **Section Presidents:** D. Willott (MIS), J. Spears (HIPS); **Foundation President:** Hollingworth; **Guests:** E. Gallagher (1); Honkanen, E. Lineberger (5); D. Stahly, A. Willott (6); Boyson (7); K. Kasperek (12); B. Jones, Silverberg (13); G. Sutton, Howard, John & Joanne Jones, Trio (14); G. Snyder (15); Byrne (17); M. Niswonger (18); D. Miller (20); Reuter (21); Holman, Lack, Tuers (22); Gordon (23).

Mahan requested Board approval of the re-appointment of Rosalie Figge as AIS Parliamentarian. Approval was unanimous.

Minutes: The following additions and corrections were made to the minutes of the Fall meeting in Bedford, Massachusetts as published in AIS *Bulletin* #311:

- 1) Youth Report, pg. 76, line 2: Insert the word *Iris* between Classroom and Projects.
- 2) Youth Report, pg. 77, line 1: Remove *Bulletin* and insert *new Judges Handbook*.
- 3) The Recording Secretary noted that a computer error was responsible for the omission of the lists of RVPs and Standing Committee Chairmen in the minutes in *Bulletin* #312. They appear on p. 10 of *Bulletin* #313.

Epperson moved that the minutes be approved as modified. Gossett seconded. Motion carried.

Reports of Officers

President: President Mahan reported the following interim actions:

- Jeanne Clay Plank agreed to serve as Acting Secretary to fill the vacancy created by the recent death of AIS Secretary Ruth Simmons.
- The Board of Directors voted to approve the purchase of 300 copies of *The Gardener's Iris Book* (by Bill Shear) to be sold at \$17. The Board also voted to make this book available to Affiliates and Sections at \$14 each when ordered in quantities of 10 or more.
- The Board voted to include the Garden Awards Section in the *1999 Check List*.
- The Executive Committee approved the printing of 27,000 copies of a color *Invitation to Join (ITJ)* brochure which will be available to Affiliates, Regions and Sections free of all charges. Brochures may be ordered in any quantity from

Exhibitions Chairman Epperson, who asked that information on availability and ordering *ITJ* be published in the July *Bulletin*. Aitken agreed.

- In response to two letters from Betty Burch (Region 24) regarding the ongoing desire of the Huntsville group to become part of Region 7, Mahan agreed to present the matter for the Board's consideration. Discussion ensued and it was the consensus of the Board that the current AIS policy regarding changes in regional boundaries was reasonable. It was pointed out that the membership of Region 24 is on an upward swing and that new affiliates are being formed. It was agreed that Mahan and other AIS officials will assist in any way possible to restore good relations with Region 24.
- The Editor of *Horticulture* magazine was contacted regarding errors and omissions found in a recent article on Tall Bearded irises.
- Maxine Perkins assumed the position of Silent Auction Chairman following the resignation of Barbara Figge.
- Jill Bonino, Region 15, an accountant and auditor, has agreed to audit our books without charge.
- Sara Marley has accepted the position as AIS Secretary, pending Board approval. Niswonger moved approval, Pope seconded. Carried
- Mahan announced that he and Editor Aitken would chair a 2 hour open forum to solicit suggestions and recommendations for improvement and changes to the *Bulletin*.

Acting Secretary: J. Plank requested approval of a request for use of copyrighted material in a not-for-profit publication. Niswonger moved approval, Kasperek seconded. Carried.

Plank requested approval to continue filling stationery orders as needed. Approved by consensus.

She requested authorization for reprinting Gift, Memorial and Honorarial certificates as needed. Approved by consensus.

Plank asked that material be sent to her until Marley is ready to take over as Secretary in the Fall. Paul Gossett will collect any material remaining at the home of Ruth Simmons and will send it to Marley prior to the Fall Board meeting.

Plank asked approval to keep the AIS copier used by the Secretary since 1994, which has had many costly repairs at her expense. Niswonger moved that J. Plank keep the copier. Probst seconded. Carried.

Plank suggested that the complete set of AIS *Bulletins* now in possession of the AIS Secretary could be used to good advantage by the *Bulletin* Editor. Editor Aitken agreed. After discussion, Niswonger moved that former Secretary J. Stayer be contacted for names of people who donated these *Bulletins* in order to verify that their wishes regarding location are carried out. Gossett seconded. Carried.

It was further noted that the Secretary is the 'AIS office of record' and a complete set of *Bulletins* may be needed because they contain a record of AIS minutes. Attorney R. Plank addressed the possibility that possession by the Secretary might be mandated by the corporate laws of Pennsylvania. He will investigate legal implications and report at the Fall meeting.

J. Plank moved approval of the Standard Banking Practice Resolution to reflect change of Secretary. Epperson seconded. Carried.

Treasurer: J. Hudson distributed a financial report, and stated that he has instituted a computerized record keeping system (*QuickBooks*) which has streamlined the voucher and bill payment procedure. While the Secretary continues to receive all deposits (except for

membership) and bills, the actual payment is now made by the Treasurer. He noted that he expected AIS to finish this fiscal year well 'in the black'.

Niswonger questioned the amount shown in the Warburton Fund, stating that he thought the balance should be higher than was reported. Hudson reviewed the records and later reported a corrected balance of \$4130 as of 3/31/99.

Hudson presented three proposals designed to increase revenues for AIS:

- 1) Formation of an Internet Commerce Committee (ICC) to capitalize on the spending habits of AIS members via Internet auctioning/selling of iris and iris related material. Hudson read a draft charter in which formation procedures and areas of operation were detailed. Pope moved that an ICC be formed using the charter read by Hudson. Moller seconded. Carried.

Mahan appointed Hudson, Chairman; Guest and John Jones as members of the Internet Commerce Committee. They are to bring recommendations and/or proposals to the Fall Board meeting. M. Lowe moved approval. Probst seconded. Carried.

- 2) Change of name of Storefront to Member Services and institute a two-tiered pricing system. No action taken.
- 3) Institute use of AIS affinity credit cards to capitalize on the spending habits of AIS members. After lengthy discussion, Probst moved the AIS instruct Hudson to arrange for affinity cards; J. Plank seconded. Motion defeated.

J. Plank moved that an *ad hoc* committee be appointed to study the feasibility of an affinity card project and report specific findings at the Fall meeting. Kasperek seconded. Carried. It was recommended that the committee poll the regions for input.

Epperson moved that the internal audit report for the fiscal year which ended 9/30/98, prepared by Jill Bonino, be accepted and entered in the record. Hudson seconded. Carried. The Audit Report will be filed with the official minutes and can be obtained from the AIS Secretary.

J. Plank moved that Bonino be commended for her work in auditing the AIS books and preparing the AIS tax returns. Kasperek seconded. Carried.

Editor: Aitken explained the rationale for recent inclusion of a paid advertisement of a political nature in the *Bulletin* and requested direction in forming a policy to address this type of occurrence. Pope moved that an "issue" ad, as opposed to a commercial ad, will be clearly labeled as being a PAID ADVERTISEMENT which does not necessarily reflect opinions of the AIS. Probst seconded. Carried.

Aitken commented that a number of useful suggestions, primarily focused on additions and deletions related to *Bulletin* content, had been presented during the *Bulletin* Forum. (A summary of these suggestions will be found elsewhere in the July *Bulletin*.)

Suggestions that received the greatest amount of support were: return of 'Flight Lines'; add color to 'Design Corner' and reduce frequency of this feature to twice a year; publish the *Bulletin* in a more timely fashion. It was noted that those most critical of the *Bulletin* were not in attendance.

B. Figge reported that 'Flight Lines' did not appear in the current *Bulletin* because no information was received from Robin Chairman Cross. Mahan asked all robin members to send copies of their robins to Figge. Guest volunteered to excerpt material from the Siberian Electronic Robin (*sibro*) as well as from the Internet Mailing Lists, *iris-talk* and *lairis*. Mahan urged that 'Flight Lines' appear in the July *Bulletin*.

Advertising Editor: No report. Mahan announced that Advertising Editor Jean Erickson will resign in October, and briefly outlined duties of the position. He urged anyone interested in the job to contact him.

Mahan stated that all future ads and payment thereof must go directly to the Advertising Editor.

Unfinished Business:

Mahan reported that only one draft chapter in the follow-up to the *World of Irises* had been completed. He noted that there is a surfeit of iris culture books on the market at the present time so there is no hurry to complete this project. Writers are needed for nearly all categories.

[*Note. Other actions have been placed under the appropriate committee headings.*]

New Business:

Regarding the Region 2 organizational controversy, Mahan referred to the report from Legal Advisor R. Plank, who recommended that a New York licensed attorney be retained to help in bringing the complex affairs of the ESIS and Region 2 into alignment with the present AIS Bylaws and customs, with the corporate laws of the State of NY, and with the federal and state laws for tax exempt organizations. RVP Weixlmann and all parties involved are working to formulate a plan of action to address the issues outlined by R. Plank. It is expected that these issues will be addressed prior to the Fall Board meeting. Epperson moved a resolution of appreciation to R. Plank and his law firm of McKenna and Cuneo, L.L.P. for their work on this matter. Guest seconded. Carried.

Consideration of policy regarding the establishment of Regional Test Gardens was deferred to the Fall Board Meeting. RVP Counselor Moller will put this matter on the agenda for the next Board of Counselors meeting. Regions will be encouraged to promote more garden tours to utilize display plantings sponsored by Section, Cooperating Societies and public gardens. It was strongly recommended that hybridizers be encouraged to send their irises to Regional Conventions as well as to National. Section Liaison Chairman Probst will compile a list of Section Display Gardens for use in the *Bulletin* and on the appropriate websites.

The proposal from Region 14 to change the composition of the Board to give more representation to RVPs was discussed by Loberg, RVP (14), who said the proposal had received little support from RVPs at the Board of Counselors meeting. Loberg withdrew the proposal following a tally which showed that a large majority of Board members were or had been RVPs.

Epperson noted the need for an official *Operations Manual* containing position descriptions, sequencing of duties, and documentation of systems used within the AIS. He moved that the AIS undertake to develop and publish this manual; and it is further resolved that the Draft *Operations Manual* be circulated to all members of the AIS Board and approved by a majority prior to issuance. Pope seconded. Carried

Mahan appointed Epperson, Chairman; M. Lowe and J. Plank as a committee to prepare this manual. Pope moved approval, Gossett seconded. Carried.

The need for a fax machine and copier for incoming Secretary Marley was addressed by Hudson who moved that the AIS authorize up to \$1500 for equipment in addition to the amount necessary to set up the new office of the AIS Secretary. Epperson seconded. Carried. Hudson noted that this equipment will be the property of AIS.

Administrative Officer Reports

Membership: Chairman Harlow's report was mailed to all Board members prior to the meeting as she was unable to attend. This report explained that a change of reporting

date from 1 October (end of fiscal year when previously the largest number of drops occurred) to March (when largest number of deletions will now occur) has come about as a result of 3 years on a calendar year basis. As of 3/31/99, AIS membership stands at 7,140. There were 1048 deletions in March and 158 cancellations. We are not taking in more new members than we are losing and we are down 200 from 1998. Tops in membership are Regions 14, 4, 18 and 17.

Harlow requested consideration of making available a Senior Citizen Discount for members over 65 who are seeking Life membership. Niswonger moved that the Life Membership fee be discounted 15% for those 65 or older. In the case of dual membership, both must be over 65 and all applicants must supply proof of age. This process is to be monitored by the Membership Secretary. Probst seconded. Carried. It was noted that there should be an announcement detailing this new policy in the *July Bulletin*.

Clarification was requested regarding the 158 membership cancellations reported. It was explained that these represented school children previously enrolled in Classroom Iris Projects, who did not renew. This engendered discussion on how to count CIP memberships. Hudson proposed that AIS offer no-cost memberships to all CIP students. It was noted that this might not be feasible or desirable. R. Plank noted that the establishing a new class of membership for students might require a change in the AIS Bylaws.

Mahan asked Jean Morris to work with Harlow and Hudson to study the Classroom membership question and bring a written report to the Fall Board Meeting. **Ombudsman:** Begley reported that the few problems requiring his action had been satisfactorily resolved and that nothing required his attention at the present time.

Publication Sales: Chairman Pocklington noted the need for more *Basic Iris Culture (BIC)* booklets and inquired if we would reprint or rewrite *BIC* and how many copies should be printed. Epperson stated that he felt *BIC* should be rewritten and enlarged to include a section on the growing of beardless irises as well as the excellent culture articles from the current *Bulletin* (with permission of the author). Niswonger moved that, under Epperson's supervision, *BIC* be rewritten as suggested. Pope seconded. Carried. Epperson stated that the revised *BIC* would be available prior to the 2000 membership recruiting season.

Probst moved that 15,000 of the revised edition of *BIC* be printed. Moller seconded. Carried.

Pocklington will continue to explore costs of reprinting a soft cover edition of the *1979 Check List* and report at the Fall meeting.

Discussion indicated that a credit card terminal is not needed by N. Pocklington at this time.

Probst inquired about the availability of the AIS lapel pins formerly carried as a sales item. Pocklington said that it was not feasible to restock this seldom-requested item since the quality of affordable pins is poor and the price of good pins is prohibitive.

Gossett requested approval for distribution of 400 surplus *Bulletins* at the upcoming affiliate meeting. Approved by consensus.

Registrar: Registrar Keppel reported that the 1998 year ended with 854 registrations completed. Since that time (December through April), 332 names have been cleared, 366 registrations have been completed, and 450 varieties have been recorded as introduced. The *1998 R & I* is available and input of registration information for the *1999 Ten Year Check List* has begun. Final number of pages cannot be determined and final cost estimates cannot be given until after publication of the *1999 R & I* in 2000. It is noted that the cover material for the *1999 Check List* will be of a color different from previous editions.

Keppel announced that, effective 4/1/99, he was no longer accepting the Registrar's salary.

Reports of Special Committees

AIS Web Domain: M. Lowe reported that AIS has registered the following domain: [http://www.irises.org] and that the Internet Service Provider hosting the AIS website has been changed.

Lowe noted that the 'Shopping Section' is not yet on the AIS webpage. He recommended that AIS consider charging for listing in the 'Shopping Section' on the AIS webpage. No action taken.

Lowe stated that, since the AIS website gives us more exposure to the public than does any other AIS publishing activity, it would be wise to afford protection to the AIS webmaster by making him an Administrative Officer. R. Plank will look into this and report at the Fall meeting.

Bulletin Indexing: Chairman Aitken reported that the *Bulletin* Indexing Project is progressing. At this time, it is not the intention to include specific cultivar or species names. Mahan appointed Aitken, Chairman; Catherine Fulmer and Jan Hueller as the committee in charge of this project. Approved by consensus.

Electronic Checklist: Stahly reported that the *Alphabetical Index* would have to be completed before the proceeding with the *Electronic Check List*.

Millennium Check List: Hughes reported that the *Alphabetical Index* was progressing more slowly than anticipated as he must go back and enter duplicate and obsolete names previously omitted. It is hoped that the *Index* will be available within a year.

Non-profit Incorporation and Tax Exempt Status for Sections, Regions and Affiliates: Epperson stated that Regions 3, 5, 6, 11, 13, 15, 19 and 24 had completed the requirements for inclusion under the Group Exemption letter. Regions 8, 9, 10, 11 and 22 will be placed under the umbrella as they complete the requirements. It was noted that Region 4 is already incorporated. All sections have been contacted and invited to participate. SIGNA and SPCNI are already incorporated; SJI and RIS have indicated their intent to be included.

Probst expressed the need for a basic model set of Section bylaws to aid in this process. R. Plank will furnish this to Probst for distribution to the sections.

Rare Iris Study Center: Niswonger reported for Chairman Waddick that seeds from Russia, Mongolia and South Dagestan have been received and may be available. Contact Waddick for information.

Reinstatement of the Publication Fund: Chairman Pope reported as follows: "...at least 25% of monies from publication sales should be earmarked for a new beginning of a publication fund with a \$50,000 cap. ...in the event of a general budget surplus, more than 25% of publication sales should be considered until the \$50,000 cap is reached. However, in the event of an unexpected shortage in the general budget, less than 25% of publication sales might be expected." J. Plank moved acceptance of this report. Aitken seconded. Carried

The Treasurer was instructed to determine an appropriate amount to be transferred to the Publication Fund in 1999 and to include this restricted fund as a line item in the 2000 budget.

Restricted Endowment Fund: Chairman Hudson reported that committee members agreed that this was a good way to benefit the AIS General Fund, and recognized the need to provide a means for people to donate various types of assets (stocks, bonds, real estate). The Committee will seek a working relationship with the Foundation to avoid

conflicting areas of intent and services. A written report will be presented at the Fall meeting.

Section Bylaws Revision: Shepard, Chairman of the Bylaws Revision Committee, presented the recommended changes to AIS Bylaws, Article III, Sections 3 and 5. Both changes were unanimously approved and they will be printed in the July *Bulletin* along with a ballot for the membership vote on these changes. Mahan thanked the Committee for their efforts in addressing this issue in such a timely manner.

Gossett moved that the AIS Board invite the TBIS to join the AIS as a section, pending approval of the necessary AIS Bylaws changes. J. Morris seconded. Carried.

TBIS Proposal Study: Pope moved that the TBIS Study Committee be disbanded. Kasperek seconded. Carried

Meeting adjourned at 10:20 P.M. 5/4/99; reconvened at 8:10 A.M. 5/5/99

Standing Committee Reports

Affiliates: Chairman Pope reported 175 Affiliates, citing that many areas of concern expressed at the Affiliates Meeting were membership related.

Awards: Chairman Campbell reported that the Ballot was on the computer and noted that there were few errors. The most frequently occurring complaint concerns the size of the type used in the Judges' Ballot. He stated that increased production costs of the Ballot and the Symposium would put him over-budget for 1999. The current budget figure is low because former Awards Chairman Wilhoit donated the printing.

Mahan stated that, in the future, awards will be presented at the Awards Banquet by the AIS President.

Mahan noted that it is the responsibility of the AIS President to advise the British Iris Society of the Dykes Medal winner and designate the recipient of the medal.

Moller reported that the cost of electronic vote tabulation was prohibitive as charges are based on number of keystrokes and AIS ballots contain many keystrokes. No further action needed.

Dave Miller stated that 1999 is the last year the present Franklin Cook Cup can be used, and that it will be retired to the AIS library after this convention. On behalf of Region 20, Miller then presented the impressive new Franklin Cook Cup to the AIS Board who expressed a vote of appreciation to Region 20 for identifying a need and funding the new cup.

Calendars: Olive Rice-Waters reported that the year 2000 calendars are available and the advance orders have been filled and mailed. These calendars can be purchased through the 'Storefront' and at this convention. The cost is the same as in 1998.

Convention Liaison: Gossett reported that at the 2000 convention in Dallas, the AIS Board Meeting will start one day earlier than has been the custom. Dates are April 15—20.

Gossett moved that the Board accept the invitation from Region 14 to host the National Convention in 2008. Pope seconded. Carried.

Gossett announced that he and Mullin will begin the rewrite of the *Convention Handbook* as soon as the 1999 Convention is ended. Pocklington reported a stock of current *Convention Handbooks* in the 'Storefront'.

Exhibitions: Chairman Epperson stated that 178 show schedules have been received and evaluated; 116 show supply orders have been received and 113 of these have been shipped. Expenses are over budget due to ordering of show supplies. Epperson stated that he would probably have a pricing recommendation for show entry tickets in the Fall. It was agreed that excess 1999 show certificates could be returned to him.

Through oversight, the ordering of certificates as authorized in the 1998 Spring Meeting has not occurred. These will be available in 2000.

Moller asked if EC Certificates could be duplicated if show supplies were not sufficient. Epperson answered in the affirmative.

Epperson discussed the need to create and distribute model show schedules. Pope moved that Epperson prepare two model show schedules, one basic and the second comprehensive, to be included as an addition to the *Handbook for Show Officials and Judges*, 6th edition, 1998. Campbell seconded. Carried. Epperson stated that these can be published quickly and a free copy will be sent to all AIS judges and Apprentice judges. Pocklington will be responsible for placing schedule insertions in the stock of unsold handbooks.

Foundation Liaison: Foundation President Hollingworth reported that the Youth Essay contest had been won by Joyce Fields of St. Louis, MO.

In 1998, the Foundation funded a computer, laser printer and copier for the AIS Library. This year there are plans to underwrite purchase of a scanner and color printer for the Library.

Hollingworth stated that there was a need for increased awareness of the objectives of the Foundation and he reminded us that the Foundation is an endowment fund. Funding of the projects of Dr. Rodionenko and Currier McEwen continues, and the Foundation is seeking new projects to fund. During discussion, it was recommended that names of Foundation Officers and Directors as well as a Foundation Treasurer's report be included in the *Bulletin* annually.

Mahan asked that the money in the AIS *Evelyn Jones Fund* be transferred to the Foundation which administers this fund. Approved by consensus.

Historical: Chairman Harder stated that he would try to ship all library material remaining in Ponca to the AIS Library prior to the Dallas Convention in 2000. Mahan noted that Harder is preparing a reference history of "Who Was Who" in AIS and asked all present to send material to assist him in preparing this book.

Honorary Awards: Chairman Niswonger reported for Barr. The die for the DSM has been located and medals authorized at the 1998 Fall Meeting have been ordered, with their presentation cases, at a cost of \$3,412. This was less than anticipated as a new die did not have to be made.

Niswonger detailed the delays affecting production of the Bea Warburton Medal. He noted that a shortage of funds could delay production of the 25 medals.

He moved that Dr. Rodionenko (Russia) be designated as the 1999 recipient of the first Warburton Medal. Campbell seconded. Carried. The AIS President will inform Dr. Rodionenko and a certificate will be sent pending availability of the medal.

Region 20 RVP Fran Evers announced that Region 20 had agreed to match any gift to the Warburton Fund from a region, affiliate or individual. Donations will be matched until a total outlay of \$1500 is reached.

Insurance: J. Plank presented the Insurance report from Chairman M. Snyder regarding renewal of our insurance policy. Negotiations are in progress with the current carrier, adding coverage for the library contents and increasing the basic General Liability coverage to eliminate the umbrella policy. She expects to have a new bid by renewal time. In the year 2000, Sections will be insured in the same manner as Affiliates.

During discussion, it was suggested that the Exhibitions Chairman include insurance information when schedules and supplies are sent out.

Judges' Handbook Revision: [New Standing Committee] Epperson cited the need for periodic *Judges' Handbook* revisions, stating that he felt that a central repository for sub-

mission and an enforceable deadline for submission and publication of revisions were essential. J. Plank moved that the *Judges' Handbook* be revised and reissued every 5 years, or as often as necessary, and that the President appoint a Standing Committee to undertake the revision due in 2003, and present the Board with a draft copy in 2003 so that it may be formally approved prior to issuance. B. Figge seconded. Carried.

Mahan appointed Shepard, Chairman; Hilda Crick, Epperson and Mullin to serve on the newly formed Judges' Handbook Revision Committee. Niswonger moved approval; Gossett seconded. Carried.

J. Plank stated a problem concerning a change in height of MDBs as published in the 1998 *Judges' Handbook*. Epperson agreed that an error had been made in including an unapproved change of height from 8 inches to 10 inches for Miniature Dwarf Bearded irises in the 1998 *Judges' Handbook*. After lengthy discussion, J. Plank moved that the Board reaffirm the policy that definition of classes of irises can be changed only with specific, positive approval of the AIS Board of Directors. Pope seconded. Carried.

The Registrar feels that the 8 inch height limit for MDBs listed on the registration form should be observed until a committee can study and resolve the disparities that have occurred.

Mahan appointed an *ad hoc* Classification Committee to study and reconcile the disparities in bearded irises height classification: M. Lowe, Chairman; Epperson, Keppel and one representative each from the DIS (Dick Sparling) and MIIIS (Dorothy Willott). Approved by consensus.

Judges and Judges Training: Chairman Mullin's written report was reviewed by Mahan. Mullin expressed appreciation to all who helped him develop the updated list of judges which appears in the April *Bulletin*.

In addressing the critical need for more show judges, Mullin suggested that the AIS study a return to the old policy of separating judges into 2 categories: Garden and Show. It was noted that requirements for a garden judge would probably need to be more stringent than those for a show judge, and this change might also affect who would be eligible to vote the ballot. The matter was deferred to the Fall meeting.

Library: Chairman McNames gave an update on the progress of the Library database. The Library has the following email address: [aislibrary@aol.com]

He noted the generosity of the Greater Portland Iris Society in holding 2 silent auctions for the benefit of the Library. With the ongoing Silent Auctions at National Conventions, the Library seems to be bringing in sufficient revenue to pay its way at this time. The question of eligibility for Government grants was discussed and McNames was tasked with investigating this matter. It was also recommended that McNames write an annual letter to all Regions to remind them to send donations of material to him for the Library.

Regarding exchange of publications with foreign societies, the following motions were presented by J. Plank:

- 1) The AIS Secretary will write to all known foreign iris societies to reaffirm AIS policy to exchange society bulletins, advising that future correspondence on the *Bulletin* exchange will be the responsibility of the AIS Library Chairman, and asking that at least one copy of each foreign society's bulletin be sent directly to the AIS Library Chairman.
- 2) In future, the AIS Library Chairman will include in his/her report to the Board, information on which foreign societies are furnishing bulletins on a regular basis.
- 3) Those foreign iris societies which provide their bulletin to the AIS on a regular basis will be designated members of the AIS without fee, and it will be the responsi-

bility of the Library Chairman to inform the Membership Secretary as to which societies qualify for membership status.

Epperson moved approval, Pope seconded. Carried

J. Plank moved that the Library Chairman make foreign bulletins available to the International Editor on a timely basis. Niswonger seconded. Carried.

Mahan reported that there appear to be provisions in the library contract that are not being carried out. R. Plank will investigate this matter.

McNames requested approval of a list of Library Items for the Silent Auction, noting that these were all duplicate items. Niswonger moved approval. Epperson seconded. Carried. The proceeds from the sale of these items will go to the Library Fund.

Mahan restructured the Library Committee as follows: McNames, Chairman: Rick Ernst, Bruce Filardi, A. Lowe and R. Plank, who were charged with establishing fees for services. A. Lowe subsequently declined appointment; M. Lowe was appointed to replace her.

Membership Contest: J. Plank reported for Chairman Miller who requested the 1999 TB introductions promised as prizes for the 1998 contest winners be sent. Winners of the 1999 Membership Contest will appear in the *Bulletin*.

Policy: Chairman M. Lowe expressed concern over the non-availability of some key members' email addresses and fax numbers. After discussion, M. Lowe moved that the following statement regarding disclosure/publication of addresses be adopted as AIS policy: "Acceptance of nomination and possible election/appointment to a leadership or administrative position in the AIS implies that consent is given for disclosure of personal contact information which may include mailing address, telephone number, fax number, and email address." Campbell seconded. Carried.

Public Relations: Chairman Guest stated she felt that public relations can be defined as "anytime we come in contact with the public." Since most of the public wants to know how to grow irises and where to get them, we need to be user friendly and alert to their needs. RVPs and Affiliates have been contacted and a number of helpful suggestions have been received. It was suggested that giving a complimentary AIS membership to local garden writers goes a long way toward getting favorable publicity for iris related events.

Publications are one of the best ways to disseminate information. Guest commented on how many good regional and affiliate publications she had seen and she distributed a comprehensive list of Regional and Affiliate newsletter Editors. The list contained subscription information and general content for each newsletter. This information also appears on the AIS website. Guest plans to develop a contest for newsletters.

Registrations: See Registrar's report.

Robin: The Robin Report was distributed by Secretary Plank. Chairman Cross asked that sections inform her annually of what robins they offer and who to contact for specific robin information.

RVP Counselor: Chairman Moller reported a positive RVP meeting and presented the following issues of concern expressed by the Board of Counselors:

- the group asked that AIS support Howard Hughes in the *Electronic Check List* project. Mahan stated that AIS has supported this project from inception, and is fully prepared to fund this endeavor.
- regional webpages are operational in Regions 4, 16, 18, 19, and 20, and these are linked to the AIS webpage. AIS has not linked to the regional webpages in a timely fashion.
- the Region 14 proposal to restructure the AIS Board to give more seats to RVPs received no support from the Board of Counselors.

- membership continues to be of concern. A number of strategies for gaining and retaining members were presented. Mahan asked Moller to write an article for the *Bulletin* detailing some of the suggestions made at the RVP meeting.

Epperson noted that Randall Bowen, RVP of Region 5, actually resides in Region 4. He moved that the approval of Bowen as RVP of Region 5 be reaffirmed. Pope seconded. Carried.

The following officers were elected by the Board of Counselors: President, Fran Evers (20); Secretary, Carol Lingenfelter (21); RVP Board Representative, Carryl Meyer (11). Howard Hughes (6) and Jim Morris (18) were selected as RVP representatives to the AIS Nominating Committee.

Citing the need for clarification of RVP qualifications and duties, Epperson moved that the AIS President appoint a committee to revise the *RVP Handbook*, and inasmuch as policy is contained in that publication, that it be submitted in draft to all members of the AIS Board and approved by a majority prior to issuance. J. Plank seconded. Carried.

Mahan appointed the following *ad hoc* committee: Probst, Chairman; Moller, R. Plank and Bill Rinehart. J. Plank moved approval, J. Morris seconded. Carried.

Scientific: No report.

Scholarship: Chairman Taylor's report was distributed and read by Secretary Plank. The Committee feels that a proposal to study the "*Ecological and Evolutionary Processes that Define Relationships in Louisiana Irises*" should be funded and recommends that Jill Johnston, graduate student at the University of Georgia, receive the 1999-2000 AIS Graduate Scholarship for her research of *I. brevicaulis* and *I. fulva*. The recommendation was approved by unanimous consent.

Section Liaison: Chairman Probst distributed a list of Section Presidents, Membership Chairmen and Editors. The list also contained information on upcoming Section and Cooperating Society Conventions through 2006. He announced the following new section presidents: Charlie Brown, RIS; Joe Spears, HIPS; Everette Lineberger, SIS.

B. Kasperek was elected to serve on the AIS Nominating Committee.

Silent Auction: Chairman Perkins distributed a list of items available at the Silent Auction, noting the great variety of material to be sold. All members were encouraged to support this AIS fund raiser.

Slides: J. Plank reported for Chairman Nichols. Two sets of slides are missing, and Nichols requested input on how to get people to donate slides. Dave Silverberg stated that he had offered to donate duplicate slides from his extensive collection pending arrival of a requested 'want list' from Nichols. Since there has been no response, Silverberg was asked to send some of his duplicate slides to Nichols as soon as possible. Campbell recommended that Nichols should be persistent in contacting hybridizers for slides.

Moller stated that he plans to construct a Trivia Slide Program with slides featuring AIS people. Slides of irisarians (of today and yesterday) are sought, along with text detailing the particulars. He also plans to assemble 2 more programs based on general iris trivia.

Youth: Chairman Jean Morris reported that the Clarke Cosgrove Memorial Award for Youth Achievement had been awarded to Rusty Thornsburg (17). Runners-up were Monica Combrink (22) and Stephanie Rust (18). AIS Youth Members total 343. This figure is composed of 101 CIP students and 242 regular youth members. Regions 6, 7, 18, and 22 now have CIP.

Morris indicated a need for back issues of AIS calendars for use in various activities, and moved that 100 copies of outdated calendars be sent from the Storefront to the Youth Chairman. Epperson seconded. Carried.

Ways and Means: J. Plank moved that the Ways and Means Committee be disbanded. Campbell seconded. Carried.

Nominating Committee Report: Prior to presentation of the slate, Committee member Epperson noted that 50 people were recommended, 36 were selected as possible candidates, and 28 declined to be placed in nomination.

Chairman Meyer submitted the following slate of nominees to fill 4 Director positions to expire in 2002: K. Loberg, M. Lowe, M. Moller, N. Pocklington, S. Pope, R. Probst, L. Reed, G. Sutton. Mahan opened the floor for nominations from the Board. Keppel was nominated by B. Figge; he declined to run. From the floor, B. Kasperek was nominated by H. Holk. Mahan declared the nominations closed and Kasperek's name was added to the ballot. The Board adjourned to Executive session.

Mahan reconvened the meeting and announced that Lowe, Moller, Pope and Probst had been selected as candidates for the Board of Directors. Pope noted that, under the Term Limits rule, none of the four would be eligible for reelection in 2002. Campbell moved that all new Board members, Committee Chairman and anyone taking on a job for AIS will receive a copy of the current AIS bylaws. Pope seconded. Carried. The Secretary will implement this.

Mahan appointed Hudson and Pope as Board representatives to the 2000 AIS Nominating Committee. Epperson moved approval, Niswonger seconded. Carried.

The year 2000 Nominating Committee is composed of: B. Kasperek, J. Hudson, H. Hughes, Jim Morris and S. Pope.

Probst moved that the AIS donate \$500 to a local charity for disaster relief. Hudson seconded. Carried.

Probst moved that the Board sponsor boxes to receive donations from convention attendees to the local Red Cross for disaster relief. J. Morris seconded, Carried. Gossett will implement this.

Several suggestions were made regarding establishment of a suitable memorial to Ruth Simmons, and it was noted that she had a special interest in youth members. M. Lowe moved that the AIS establish a *Ruth Simmons Classroom Iris Project Fund*. Pope seconded. Carried. Specific procedures for handling this fund will be worked out at a later date.

Announcements:

On behalf of the Greater St. Louis Iris Society, Probst issued the invitation to the Fall Board Meeting, to be held in St. Louis on November 5-7, 1999.

Mahan extended thanks and appreciation to Oklahoma Convention Chairman, Ron Mullin, and all the members of Region 22 who helped make this convention such a pleasant experience.

J. Plank moved that the Board express thanks to Mary Thurman (7) who obtained and decorated the boxes for donations to the local Relief Fund. Epperson seconded. Carried.

The meeting was adjourned at 3:40 P.M.

Anne S. Lowe
Recording Secretary

In Memoriam:

- | | |
|--|-------------------------------------|
| Betty Ballew (California) | Richard McCullough (California) |
| Mrs. Robert Brown (California) | Mrs. M.W. Norton, Jr. (Texas) |
| Mrs. William S. Cherry, Jr.
(Tennessee) | Clay H. Osborne (California) |
| Gary E. Eichhorn (Washington) | Rose Pohlman (Nebraska) |
| Ruth S. Goebel (Colorado) | Wauneta B. Rummel
(Pennsylvania) |
| Ben R. Hager (California) | Celetha Seymer (Mississippi) |
| Virgil Ingbretson (Minnesota) | Ruth B. Simmons (Oklahoma) |
| Robert E. Jerrell (California) | Joyce E. Smith (Maryland) |
| Frank Jones (Ohio) | Mary A. Stiefel (New York) |
| Harry B. Kuesel (Arizona) | Mrs. Norbert B. Vaught
(Indiana) |

AIS Display Screens

AIS Now has two display screens available for your trade shows and fairs. If the one closer to you is already taken, please try the other one to see if it is available for your date. To order, contact one of the following:

Screen #1 (West)	Screen #2 (East)
Ed Wilkinson	Joan/Ken Roberts
4145 Lincoln Ave	341 Schwartz Rd
Oakland, CA 94602	Gettysburg, PA 17325
	Phn: (717) 338-1657
	Fax: (717) 338-0247

Remember to reserve early. The screens are shipped UPS collect, and your society pays the cost of returning the screens also. Directions of setting up and taking down are inside the cover of the case. The pictures are expensive - please handle carefully.

American Iris Society Foundation

Contributions to the American Iris Society Foundation are used for the research of the genus iris, administration of scholarships and the support of the AIS Library through the Evelyn Jones Memorial Library Fund. This research includes the taxonomy as well as the cause of diseases and their cures. Over the years, grants have been issued to the top researchers and educational institutions throughout the United States as well as internationally.

October 1, 1998 - April 1, 1999

Contributions in memory of:

American Iris Society Foundation

Anonymous

Paul Alexander (CA)

Redwood Iris Society

Germaine Barone (PA)

Pittsburgh Iris & Daylily Society

Jason David Bowen (NC)

Charlotte Iris Society

Opal Brown (OR)

Glenn F. Corlew (CA)

Region 13, AIS

Penny Bunker

Delores Denney (KS)

Ted Carlson (NE)

Larry Harder (NE)

Mary & Charles Ferguson (NE)

Jay Conklin (CA)

Lynn Mellwain (CA)

Pauline Cooley (OR)

Glenn F. Corlew (CA)

Region 13, AIS

Nell Corlew (CA)

Mr. & Mrs. Larry D. Stayer (OK)

Fran DeSantis (CA)

Glenn F. Corlew (CA)

Mary Dunn (CA)

Humboldt Iris Society

Norman Frisch (WI)

Iris Society of Minnesota

Fred W. Gadd (CT)

Connecticut Iris Society

Bruce & Ruth Bennett (CT)

David & Barbara Schmieder (MA)

Ruth S. Goebel (CO)

Fran Evers (CO)

Elmohr Iris Society

Virgil Ingbretson (MN)

Wilbert & Charlotte Sindt (MN)

Betty Ipsen (MN)

Iris Society of Minnesota

Evelyn Kegerise (PA)

Glenn F. Corlew (CA)

Ida Kramer (ID)

Magic Valley Iris Society

Jerry Lederhouse (ME)

Maine Iris Society

Patricia Lemesevski (NJ)

Garden State Iris Society

Ray Lyons (CO)

Region 20, AIS

Elmohr Iris Society

Margaret (Peggy) Marvin (AR)

Central Arkansas Iris Society

Leona Mieras (MI)

Grand Valley Iris Society

Rose Pohlman (NE)

Elkhorn Valley Iris Society

Ruby Reynolds (KY)

Louisville Area Iris Society

Fred Schulte (CA)

Mt. Diablo Iris Society

Glenn F. Corlew (CA)

Jim Shook (MI)

Grand Valley Iris Society

Nancy Silverberg (OR)

Pierce County Iris Society

Glenn F. Corlew (CA)

David & Barbara Schmieder (MA)

Delores Denney (KS)

Frederick G. Stephenson (VA)

Blue Ridge Iris Society

Audway S. Treworgy (ME)

Maine Iris Society

E. T. Van Slyke (WA)

Pierce County Iris Society

Florence Weed (WA)

Alan & Elaine Brooks (WA)

Edith Wheeler (CA)

Robert Dunn (CA)

Tom Wright (MN)

Iris Society of Minnesota

How can you make a contribution or memorial gift to the American Iris Society Foundation?

Checks should be made payable to the American Iris Society Foundation. When sending a memorial gift, please include the name and address of the next-of-kin, so an acknowledgement card may be sent. Your tax-deductible donations should be sent to:

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Reprint. Hard cover. Ten-year compilation of registrations 1970 - 1979.

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Announcement: AIS can now accept VISA & Mastercard (sorry, no other charge cards) for Storefront orders (minimum order: \$10.00). When charging your order, please include card type and number, expiration date, phone number, and signature.

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Phone: (217) 854-2184

609 Harrington St

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Nancy and Irv Pocklington

Rent Slide Sets from the American Iris Society

AIS Slide Sets available for 1999:

The Newest in Irises: 1993 - 1998 Introductions. Mostly TBs, but contains other types.

Recent Award Winners: HM and AM Winners, 1992 - 1997

The Popularity Poll: Temporarily unavailable.

Types other than Tall Bearded: Bearded and beardless, arranged in blooming sequence.

Reliables: Mostly past award winners of various types - especially suited for newer iris societies and garden clubs.

1994 Portland Iris Convention

1995 York Iris Convention

Iris Trivia: This is a small set of slides and questions that can be used for a fun & informative meeting. (Use of all questions and slides takes at least one hour.)

To Order: Requests for slides should be made well in advance of requested date, preferably six to eight weeks. If optional, specify alternate sets and/or dates. Clearly *print* name and mailing address to whom slides are to be sent. Rental fee is \$10.00 per set, payable to AIS. Only one set allowed for any request date. Slide sets are to be returned next day after viewing by *Priority Mail*.

Note: Affiliates are entitled to one free TB set per year. Send check with request to:

Hooker Nichols Phone: (214) 352-2191
3365 Northaven Rd.
Dallas, TX 75229

Section Slides Available:

The various Sections of AIS also have slide sets available for rent. These feature irises of each respective group. Rental fee is \$5.00 per set, unless noted otherwise. Requests for these slide sets should be submitted as follows:

Arils and Arilbreds: Order from Scott Jordan, 3500 Avenida Charada NW, Albuquerque, NM 87107. Rental fee \$7.50. Check to Aril Society International.

Dwarf: Dorothy Willott, 26231 Shaker Blvd., Beachwood, OH 44122-7111. Check to Dwarf Iris Society. Rental fee \$7.50.

Historic Iris Preservation Society (HIPS): Contact Joan Cooper, 212 West Country Rd. C, St. Paul, MN 55113. Rental fee \$7.50. Check to HIPS.

Japanese: Order from John Coble, 9823 E. Michigan Ave., Galesburg, MI 49053. Check to Japanese Iris Society.

Louisiana: Order from Dalton Durio, 5853 Hwy 182, Opelousas, LA 70570. Check to Society for Louisiana Irises. Rental fee is \$10.00.

Medians: Contact Terry Aitken, 608 NW 119th St, Vancouver WA 98685. \$10 check to MIS.

Rebloomers: Contact Olive Rice-Waters, 1914 Napa Ave, Berkeley, CA 94707. Check to Reblooming Iris Society. Rental fee is \$7.50.

Siberians: Order from Robert Hollingworth, 124 Sherwood Rd E, Williamston, MI 48895. Check to Society for Siberian Irises.

Species: Several sets available. Order from Helga Andrews, 11 Maple Ave, Sudbury MA 01776. Check to SIGMA.

Spurias: To order, contact Patricia Brooks, 102 Jefferson Lane, Ladson, SC 29456. Check to Spuria Iris Society.

AIS Bulletin Ad Rates

Changes for 1999:

In an effort to encourage new commercial growers, the AIS Board voted to eliminate the "extra services" fees. The prices below are unchanged, but now include the cost of scanning, text, and layout. The sizes are slightly larger.

Also, we are now using an all-electronic setup with our new printer. As a result, we can no longer simply paste ads on paper. All ads submitted on paper will be scanned. If you have graphic images or logs as part of your ad, it would be best if you send them on a disk, or email them directly to Terry Aitken at <aitken@e-z.net> (payment must still be made through advertising editor).

Shopping Section (formerly the "Commercial Directory") found in the back of each *Bulletin*. Placement is alphabetical.

\$42.00	15/16 inch	Rate is for 4 issues.
\$58.00	1 15/16 inch	All ads are 2 1/8 inch wide.
\$73.00	2 15/16 inch	

Display Advertising (Rate is for single issue)

Black & White:

\$35.00	1 inch	1 x 4 1/4
\$46.00	1/4 page	1 1/4 x 4 3/8 (wide), or 3 3/4 x 2 1/8 (tall)
\$58.00	1/3 page	2 1/2 x 4 3/8 (wide), or 7 1/2 x 1 1/2 (tall)
\$81.00	1/2 page	3 3/4 x 4 3/8 (wide), or 7 1/2 x 2 1/8 (tall)
\$104.00	2/3 page	5 x 4 3/8
\$115.00	3/4 page	5 5/8 x 4 3/8
\$138.00	Full page	7 1/2 x 4 3/8

Color (price plus color separations at cost):

\$150.00	1/3 page mini ad (if space available)
\$276.00	Full page, interior page.
\$250.00	Full page, interior page, 4 consecutive issue discount.
\$400.00	Full page, inside back cover.
\$425.00	Full page, inside front cover.
\$500.00	Full page, outside back cover.

Terms

Payment is due with ad copy. Ads due: July 15 (Oct. issue), October 15 (Jan. issue), January 15 (Apr. issue), April 15 (Jul. issue). Send ad and payment (payable to AIS) to:

Jean Erickson, Advertising Editor (707) 526-5204
4036 Trinity Drive, Santa Rosa, CA 95405

Bulletin of the AIS Shopping Section

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Quality Engraved
Labels for Iris
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Send \$1.00 for catalog

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Shopping Section

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Award winning Irises

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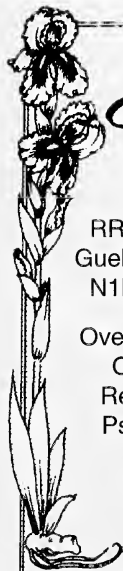
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Shopping Section

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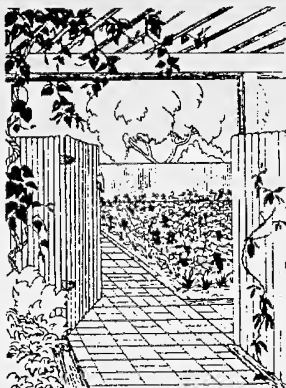
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Shopping Section

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Bulletin of the American Iris Society

ISSN 0747-4172

Volume LXXX, No. 3

Series No. 314, Section 2

July 1999

The American Iris Society

2000 Symposium

of Tall Bearded Irises

Ballot

Please vote for your favorite 25 Tall Bearded Iris Varieties

ALL MEMBERS OF THE AMERICAN IRIS SOCIETY ARE URGED TO PARTICIPATE IN this ballot in order that we may obtain a wide consensus of the tall bearded iris varieties that grow and bloom best in gardens throughout America. Mail the completed ballot to your RVP by September 1, 1999. Final results will be published as the popularity poll in a future issue of the Bulletin. Please vote!

ATTENTION: *Overseas Members* are invited to vote the Symposium Ballot. Instructions on the following page. See deadline on following page, item #5.

Please Vote

Sixtieth Official Tall Bearded Iris Symposium of the American Iris Society

2000

This is your ballot to help determine the One Hundred Favorite Tall Bearded Irises for 2000. The list of candidates was completed by combining the following lists of outstanding varieties:

- The 100 top varieties in last year's Symposium
- The tall bearded irises eligible for 1999 Wister Medal
- The tall bearded irises eligible for 1999 Dykes Medal
- The tall bearded irises eligible for 1999 Awards of Merit
- The tall bearded irises that won 1998 Awards of Merit
- The tall bearded irises that won 1998 Honorable Mentions

Every member of The American Iris Society may participate in this balloting of the irises listed on the following pages. Each member is allowed twenty-five votes. Please follow the instructions below.

1. Vote only for an iris that you have seen blooming in a garden.
2. Clearly place an "X" in front of each of your twenty-five favorites. The second member of a family membership should use an "O" symbol to designate votes. Additional, family or youth members should use a number (1, 2, 3, etc.) in front of each vote to identify it. Each member is entitled to a maximum of twenty-five votes. Since the ballot is designed for easy tabulation by the Regional Vice Presidents, please follow directions carefully.
3. No member may vote for more than twenty-five varieties. You may vote for fewer than twenty-five if you wish.
4. Your ballot must be mailed to your Regional Vice President by September 1, 1999 in order to be counted. The name of your RVP is listed inside each AIS Bulletin. Sign your ballot and mail it first class.
5. *Overseas Members* may vote by mailing their ballot to the Awards Committee Chairman whose name and address appear inside each AIS Bulletin. It is advisable to send by Air Mail to assure receipt of your Ballot by the deadline of September 15, 1999.

Name(s): _____

Address: _____

- ___ ACOMA
- ___ AEGEAN STORM
- ___ AFTERNOON DELIGHT
- ___ AFTER THE BALL
- ___ AFTER THE DAWN
- ___ AGE OF INNOCENCE
- ___ AIN'T MISBEHAVEN
- ___ ALEXANDER'S RAGTIME BAND
- ___ ALL TOGETHER
- ___ AL' ORANGE
- ___ ALPINE TWILIGHT
- ___ ALTRUIST
- ___ AMERICAN CLASSIC
- ___ AMERICA'S CUP
- ___ ANGELS IN FLIGHT
- ___ ANNA BELLE BABSON
- ___ ANNE MURRAY
- ___ ANSWERED PRAYERS
- ___ ARCTIC EXPRESS
- ___ AROUND MIDNIGHT
- ___ ART FAIRE
- ___ ASCENT OF ANGELS
- ___ AURA LIGHT
- ___ AUTUMN TRYST
- ___ AVALON SUNSET
- ___ AWAKENING
- ___ BABBLING BROOK
- ___ BALCH SPRINGS
- ___ BATTLE ROYAL
- ___ BAYBERRY CANDLE
- ___ BEFORE THE STORM
- ___ BELLS ARE RINGING
- ___ BEST BET
- ___ BETTY DUNN
- ___ BEVERLY SILLS
- ___ BEWILDERBEAST
- ___ BIG BIRD
- ___ BIRTHDAY GREETINGS
- ___ BIRTHDAY SURPRISE
- ___ BITTERSWEET JOY
- ___ BLACK FALLS
- ___ BLACK TIE AFFAIR
- ___ BLENHEIM ROYAL
- ___ BLUE MONTANA SKIES
- ___ BLUE SUEDE SHOES
- ___ BOLD LOOK
- ___ BOOGIE WOOGIE
- ___ BOXWINK'S GOLDEN DREAM
- ___ BOY NEXT DOOR
- ___ BRAVE NEW WORLD
- ___ BREAKERS
- ___ BRIDE'S HALO
- ___ BRINDLED BEAUTY
- ___ BUBBLE DANCER
- ___ BUBBLING ALONG
- ___ BUBBLING OVER
- ___ CABOT COVE
- ___ CAFE OLE'
- ___ CAJUN QUEEN
- ___ CAJUN RHYTHM
- ___ CAJUN SPICES
- ___ CAMELOT ROSE
- ___ CANNINGTON BLUEBIRD
- ___ CANNONBALL
- ___ CAPTAIN'S JOY
- ___ CARNIVAL SONG
- ___ CASCADE SPRINGS
- ___ CEE CEE
- ___ CELEBRATION SONG
- ___ CHAMPAGNE ELEGANCE
- ___ CHANGE YOUR WAYS
- ___ CHANTILLY LACE
- ___ CHATTER
- ___ CHEROKEE HERITAGE
- ___ CHEROKEE NATION
- ___ CHERRY GLEN
- ___ CHERRY LANE
- ___ CHERRY SMOKE
- ___ CHRISTMAS TIME
- ___ CIRCUS WORLD
- ___ CITY LIGHTS
- ___ CITY OF PARIS
- ___ CLARENCE
- ___ CLASSIC LOOK
- ___ CLASSMATE
- ___ CLEAR MORNING SKY
- ___ CLOSE SHAVE
- ___ COALIGNITION
- ___ CODICIL
- ___ COLORADOAN
- ___ COMANDANTE
- ___ CONJURATION
- ___ CONTINUITY
- ___ COPPER CLASSIC
- ___ COUNTRY GENTLEMAN
- ___ CRANBERRY DELIGHT
- ___ CREDIT LINE
- ___ CROSS CURRENT
- ___ CRUISE CONTROL
- ___ CUTTING EDGE
- ___ DAKOTA MOON
- ___ DANCE HALL DOLLY
- ___ DANUBE WALTZ
- ___ DAWNING
- ___ DAWN OF CHANGE

___ DAZZLING GOLD
___ DEBBIE REYNOLDS
___ DEBBY RAIDON
___ DEBREENE
___ DIDDLER
___ DIRTY DEVIL CANYON
___ DODGE CITY
___ DOVER BEACH
___ DOROTHEA MARQUART
___ DREAMSICLE
___ DUSKY CHALLENGER

___ EAGLE'S FLIGHT
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___ EDITH P. WHEELER
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___ FUNNY GIRL

___ GAY PARASOL
___ GIRAFFE KNEEHIZ
___ GNUS FLASH
___ GOING MY WAY
___ GOLD FROSTING
___ GOLDKIST
___ GOLD SPECULATOR
___ GOODBYE GIRL
___ GOOD LOOKING
___ GRAND WALTZ
___ GRAPHIQUE
___ GRATEFUL CITIZEN
___ GREAT GATSBY
___ GUADALUPE
___ GYPSY ROMANCE
___ GYPSY WOMAN

___ HALFWAY TO HEAVEN
___ HALO IN CREAM
___ HALO IN GOLD
___ HAUTE COUTURE
___ HELLO DARKNESS
___ HELLO-GOODBYE
___ HIGH DRAMA
___ HIPPO'Z TUTU
___ HOLLYWOOD AND VINE
___ HOLY NIGHT
___ HONKYTONK BLUES

___ HOT CHOCOLATE
___ HOTDOGS AND MUSTARD
___ ICED TEA
___ IMAGINARIUM
___ IMMORTALITY
___ INDULGE
___ INFERNAL FIRE
___ ISLAND SURF
___ ISN'T THIS SOMETHING
___ IT'S MAGIC

___ JAMES P.
___ JAZZED UP
___ JAZZ ME BLUE
___ JESSE'S SONG
___ JE T'AIME
___ JOHN KEARNEY
___ JOHNNY REB
___ JOYCE TERRY
___ JOY JOY JOY
___ JUAN VALDEZ
___ JURASSIC PARK

___ KEVIN'S THEME
___ KILT LILT
___ KLONDIKE LIL
___ KNOCK 'EM DEAD
___ LACED COTTON
___ LACY PRIMROSE
___ LADY BIRD JOHNSON
___ LADY FRIEND
___ LADY JULIET
___ LA MER
___ LARK ASCENDING

___ LATIN LOVER

___ LA VALSE

___ LEDA'S LOVER

___ LEMON CHESS

___ LEMON MIST

___ LIFE OF RILEY

___ LIGHTNING BOLT

___ LIGHTNING STREAK

___ LOCAL COLOR

___ LONG'S PEAK

___ LONESOME DOVE

___ LORILEE

___ LOS COYOTES

___ LUCILLE RICHARDSON

___ LULLABY OF SPRING

___ MADAME BOVARY

___ MAGIC SHOW

___ MALLOW DRAMATIC

___ MANAGUA

___ MARCY MICHELLE

___ MARIPOSA SKIES

___ MARTHELLA

___ MARY FRANCES

___ MASTER PLAN

___ MELTED BUTTER

___ MESMERIZER

___ MICHIGAN PRIDE

___ MOTHER'S LITTLE HELPER

___ MOUNTAIN MAJESTY

___ MUCH OBLIGED

___ MULLED WINE

___ MYSTIC'S MUSE

___ MYSTIQUE

___ NEW CENTURION

___ NIGERIAN RASPBERRY

___ NIGHT ATTACK

___ NIGHT FIRES

___ NIGHT GAME

___ NIGHT RULER

___ NO BIKINI ATOLL

___ NORA EILEEN

___ NORDIC ICE

___ NORTHWEST PRIDE

___ NOTABLE

___ NOTHING BUT NET

___ OH JAMAICA

___ O.K. CORRAL

___ OKTOBERFEST

___ OLD BLACK MAGIC

___ OLYMPIAD

___ OPAL BROWN

___ ORANGE EMBERS

___ ORANGE JUBILEE

___ ORANGE SLICES

___ OSAKA

___ O'SO PRETTY

___ OVERNIGHT SENSATION

___ PACIFIC DESTINY

___ PAGAN GODDESS

___ PAINT IT BLACK

___ PANAMA HATTIE

___ PERSIAN BERRY

___ PINK CHARMING

___ POND LILY

___ PINK QUARTZ

___ PRESTIGE ITEM

___ PRETTY IS

___ PRIVATE RESERVE

___ PRIVATE STOCK

___ PRIVATE TREASURE

___ PROGRESSIVE ATTITUDE

___ PROUD TRADITION

___ PUMPKIN CHEESECAKE

___ PURE AS GOLD

___ PURPLE PEPPER

___ QUEEN IN CALICO

___ QUEEN OF ANGELS

___ QUIET ELEGANCE

___ RAINBOW GODDESS

___ RAIN MAN

___ RAMBLIN' ROSE

___ RARE OCCASION

___ RARE TREAT

___ RASPBERRY FUDGE

___ RASPBERRY SPLENDOR

___ RAVEN'S QUOTE

___ RAZZLEBERRY

___ RED HAWK

___ RHONDA FLEMING

___ RINGO

___ RIPPLING RIVER

___ RITE OF SPRING

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___ SONG OF NORWAY
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___ WINNER TAKE ALL
___ WISHFUL THINKING

___ YAQUINA BLUE
___ YES

___ ZANDRIA
___ ZEBRA BLUSH

WRITE-IN VOTES:

(Any write-in votes will be included in the 25 vote limit per person.)

M E R I C A N

512
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Bulletin



October 1999



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Editor: Terry Aitken, 608 NW 119th St., Vancouver WA 98685-3802; aitken@e-z.net
Advertising Editor: Harold Peters, 2048 Hickock Rd, El Dorado Hills, CA 95762
Photo Team: Robert Plank, 8426 Vine Valley Drive, Sun Valley, CA 91352-3656
Scientific Editor: Adele Lawyer, 4333 Oak Hill Road, Oakland, CA 94605-4523
Layout & Graphic Design: Scott Aitken, *Flash Graphic Design*,
 2760 NE 98 St, Seattle WA 98115-2447; zebra@chcs.com

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Membership, Dues, Missing Bulletins: Marilyn Harlow, PO Box 55, Freedom CA
 95019-0055. (408) 722-1810, 9:00AM – 6:00PM Pacific Coast Time
Business matters of the Society:

Sara R. Marley, 13358 Sagle Rd., Purcellville, VA 20132-1827. (540) 668-9004.

Bulletin advertising: Harold Peters, Advertising Editor, (916) 933-3804
 2048 Hickok Rd, El Dorado Hills, CA 95762, email: <Harold@directcon.net>

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Membership Contest: Lynda Miller, 12788 E. 191st, Noblesville, IN 46060, (317) 776-0323
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Public Relations: Kathy Guest, 494 North St., East Aurora, NY 14052-1446, (716) 655-1762
Registrations: Keith Keppel, PO Box 18154, Salem, OR 97305, (503) 391-9241
Send all registration applications, and \$7.50 payable to AIS, to Keith Keppel.
Robins: Libby Cross, 8907 Potts Creek Road, Covington, VA 24426, (540) 747-2123
RVP Counselor: Michael Moller, 3750 W. Arrowhead Rd., Littleton, CO 80123, (303) 797-8341
Scientific: Dr. Chandler Fulton, 21 Hillcrest Road, Weston, MA 02193, (617) 891-4015
Scholarship: Dr. John J. Taylor, 1421 W. University Heights Dr. S., Flagstaff, AZ 86001-8921, (602) 759-3128
Secretary of Donations: Jeanne Clay Plank, 8426 Vine Valley Drive, Sun Valley, CA 91352-3656, (818) 767-5512
Section Liaison: Riley Probst, 418 N. Van Buren, St. Louis, MO 63122, (314) 822-2485
Silent Auction: Maxine Perkins, PO Box 494, Mesilla Park, NM 88047-0494, (505) 524-1529
Slides: Hooker Nichols, 3365 Northaven Rd., Dallas, TX 75229, (214) 352-2191
Youth: Jean Morris, 682 Huntley Heights, Ballwin MO 63021, (314) 256-3927

AIS Sections: (1st line = Presidents, 2nd line = Memberships)**Median Iris Society:**

Dorothy Willott, 26231 Shaker Blvd, Beachwood, OH 44122

Rita Gormley, 6717 Martha Dr., Cedar Hill, MO 63026

Society for Siberian Irises:

Tom Abrego, PO Box 693, Newberg, OR 97132

Howard Brookins, N 75 W14257 North Point Dr., Menomonee Falls, WI 53051-4325

Spuria Iris Society:

Everett Lineberger, 2460 Compton Bridge Rd., Inman, SC 29349

Bobbie Shepard, 3342 West Orangewood, Phoenix, AZ 85051

Society for Japanese Irises:

Terry Aitken, 608 NW 119 St., Vancouver, WA 98685

Robert Bauer, 9823 E. Michigan Ave, Galesburg, MI 49053

Reblooming Iris Society:

Rosalie Figge, 4 Maryland Ave, Towson, MD 21286-1100

Charlie Brown, 3114 S. FM 131, Denison, TX 75020

Dwarf Iris Society:

Brad Kasperek, 9130 North 5200 West, Elwood, UT 84337-8640

Lynda Miller, 12788 E. 191st, Noblesville, IN 46060

Society for Pacific Coast Native Irises:

Jay Hudson, 33450 Little Valley Rd., Fort Bragg, CA 95437

Terry Hudson, 33450 Little Valley Rd., Fort Bragg, CA 95437

Species Iris Group of North America (SIGNA):

Carla Lankow, 11118 169th Ave SE, Renton, WA 98059

Rodney Barton, 3 Wolters St., Hickory Creek TX 75065

Historic Iris Preservation Society (HIPS):

Doug Goodnight, 1005 Gamblin Ln., Hobbs, NM 88240

Andrée Desirée Wilson, 15 Bracebridge Rd, Newton Centre, MA 02459

Cooperating Societies:**Aril Society International:**

Scott W. Jordan, 3500 Avenida Charada Ave. NW, Albuquerque, NM 87107

Reita Jordan, 3500 Avenida Charada Ave. NW, Albuquerque, NM 87107

Society for Louisiana Irises:

Farron Campbell, 5637 Saddleback Rd., Garland, TX 95043

Elaine Bourque, 1812 Broussard Rd. E, Lafayette, LA 70508

Section Membership Rates:

	single annual	single triennial	dual annual	dual triennial
Median Iris Society	\$5.50	15.00	6.50	17.50
(Overseas members add \$5 per year for postage)				
Society for Siberian Iris	5.00	13.00	6.00	15.00
Spuria Iris Society	6.00	15.00	8.00	18.00
Society for Japanese Iris	3.50	9.00	4.00	10.50
Reblooming Iris Society	5.00	13.00	6.00	15.00
Society for PCNs	6.00	15.00	8.00	18.00
Species Iris Group	5.00	12.00	6.00	15.00
Dwarf Iris Society	4.50	12.00	6.75	18.00
Historic Iris Preservation Society	5.00	12.00	6.00	15.00
Aril Society International	10.00	28.00	13.50	33.50
Society for Louisiana Irises	7.50	18.00	9.00	22.50

Regions & Regional Vice Presidents

1: Maine, New Hampshire, Vermont, Massachusetts, Connecticut and Rhode Island:

Ada Godfrey, 9 Bradford St., Foxborough, MA 02035, (508) 543-2711, <hnmwalk@ici.net>

2: New York:

Peter Weixmann, 280 Seneca Creek Rd, West Seneca, NY 14224, (716) 674-6289, <Pweixl@aol.com>

3: Pennsylvania and Delaware:

Vincent Lewonski, 509 S. Bishop Ave, Secane, PA 19018-2903, (610) 623-3921 <VinceLewonski@yahoo.com>

4: Maryland, District of Columbia, Virginia, West Virginia, and North Carolina:

Sara R. Marley, 13358 Sagle Rd, Purcellville, VA 20132-1827, (540) 668-9004, <digger@anent.com>

5: South Carolina, Georgia, Florida and Puerto Rico:

Randell Bowen, 528 Forest Ridge Dr., Shelby, NC 28152, (704) 434-6118 <RBowen@shelby.net>

6: Ohio, Indiana and Michigan:

Howard Hughes, 210 Parkway, Lapeer MI 48446, (810) 664-5525 <mcgirris@tir.com>

7: Tennessee and Kentucky:

Mary Thurman, 521 Kickapoo Tr., Frankfort, KY 40601, (502) 695-1506

8: Minnesota and Wisconsin:

Edwin W. Kelsey, W. 9155 Schofield Rd., Poynette WI 53955, (608) 635-7169

9: Illinois:

Orville Dickhaut, 102 Sherwood, Carlinville IL 62626, (217) 854-3418

10: Louisiana:

Elaine Bourque, 1812 Broussard Road East, Lafayette, LA 70508, (318) 865-5859

11: Idaho, Montana and Wyoming:

Carryl Meyer, 2532 Highwood Dr, Missoula, MT 59803, (406) 251-5800 <carrylm@bigsky.net>

12: Utah:

Brad Kasperek, 9130 North 5200 West, Elwood, UT 84337, (435) 257-0736 <zebrairis1@aol.com>

13: Washington, Oregon and Alaska:

Lorena Reid, 41886 McKenzie Hwy., Springfield, OR 97478, (541) 896-3756

14: Northern California, Nevada and Hawaii:

Kitty Loberg, 1900 Mountain View Ln., Redwood Valley, CA 95470, (707) 485-7907 <loberg@jps.net>

15: Southern California and Arizona:

Dr. Herbert Holk, 14115 Pear St., Riverside, CA 92508, (909) 780-0335

16: Canada:

Catherine Boyko, Rt. 9, Bains Rd., Dunnville ONT N1A 2W8 Canada, (905) 774-8360

17: Texas:

Bonnie Nichols, 3365 Northaven Rd., Dallas, TX 75229, (214) 352-2191, <bjnhtn@aol.com>

18: Kansas and Missouri:

Jim Morris, 682 Huntley Heights Dr., Ballwin MO 63021, (314) 256-3927 <morrisje1@aol.com>

19: New Jersey:

Raymond Rogers, 503 Lee Ave., North Brunswick, NJ 08902, (732) 249-9478 <rrogers@dk.com>

20: Colorado:

Fran Evers, 4955 Pine Ridge Rd., Golden, CO 80403 <EversJFW@aol.com>

21: Iowa, Nebraska, South Dakota and North Dakota:

Carolyn Lingenfelter, 1108 N. 9th St., Norfolk, NE 68701, (402) 371-3658 <carolyndl@hotmail.com>

22: Arkansas and Oklahoma:

Louise Carson, 5037 NW 24th Pl., Oklahoma City OK 73127, (405) 947-1710 <okcjoe@juno.com>

23: New Mexico:

Barbara Figge, 6805 Kentucky Court NE, Albuquerque, NM 87110, <irisone@juno.com>

24: Alabama and Mississippi:

Leland Parkins, 759 Dogwood Tr., Remlap, AL 35133, (205) 681-3349

AIS Bulletin

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President's Message

Feedback

by Clarence Mahan, Virginia

CONGRATULATIONS TO REGIONS 2, 4, 17 AND 18 FOR THEIR excellent efforts in recruiting new members so far this year. A special thank you to Peter Weixlmann, Sara Marley, Bonnie Nichols and Jim Morris, the RVPs of these Regions. Keep up the good work!

Haste makes waste. People of my generation were taught that old saw in our youth. Unfortunately, I seem not to have mastered it. As a result of rushing to get the article "The 1999 International Iris Competition" into the July *Bulletin*, I did not proof it adequately. I correctly described the iris ALPINE REGION as a reverse yellow amoena, but my detailed description was incorrect. This beautiful iris has pristine white falls and deep lemon standards. In other words, it really is a reverse yellow amoena. My apologies go to the readers of the *Bulletin*, and especially to Barry Blyth who bred this iris.

A typographical error in the same article was a misspelling of Dorothe Schröter's name. Dorothe is a superb iris judge from Switzerland, Her friendship is too valuable to be violated by misspelling her name!

There were twenty eligible irises inadvertently omitted from the symposium ballot mailed out with the July *Bulletin*. Although it means a lot of extra work, especially for the Regional Vice Presidents, I decided, after getting the opinions of the Executive Committee, that it would not be fair to let the vote stand. The initial vote has been declared null and void, and you will find a new ballot with this Bulletin. If you voted in

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July, please vote again. If you did not vote in July, please do it now. If you are unhappy with having to vote again, blame me.

If you want to do something nice, consider sending our Awards Chairman a card and tell him that you appreciate the work he is doing. This is his first year on the job, and he is learning on the job like many of the rest of us. This would cheer him up since he feels badly about having to redo the Symposium. All the jobs in AIS are now being done on a volunteer basis, and it takes a tremendous amount of time to carry out the duties of most of these positions. You might be interested in knowing that at least a score of people turned down the Awards Chairman job before Farron Campbell volunteered to do it.

As I sat down to write this message I realized that this will be the last "President's Message" of the 20th century. What a century it has been in the transformation of garden irises!

A short time ago I was looking at a reproduction of Claude Monet's painting "Le Jardin de Monet, les iris" that my wife has placed above our kitchen fireplace. I had previously thought there were two different types of irises in this painting, a lavender variety in the center that seems to be the color of *Iris pallida* and a two toned violet iris in the foreground. Now I know that the irises in the center appear much lighter than those in the foreground only because the sun is shining directly on them. All the irises in the painting, which is sometimes called "The Artist's Garden at Giverny," are the same cultivar. What variety could this two toned violet iris be? Monet did this painting in 1900, and the iris is blooming the same time as wisteria. With these two facts in mind, I am rather certain that it is *Iris germanica* that is represented in the impressionistic style.

It was common to see *Iris germanica* growing in great masses in gardens in 1900. Besides *Iris germanica*, *Iris pallida*, and *Iris variegata*, the irises available to the gardener in 1900 were almost all diploid hybrids of *Iris pallida* and *Iris variegata*. How far we have come in a hundred years!


Two decades ago I was in a space age iris robin whose members included Jim Mahoney, Henry Rowlan, and Gladys Austin. Most of the robin members were hybridizing space age irises, and it was not unusual for members to express regrets that space age irises were so little appreciated. People who liked space age irises were considered a bit peculiar. Who could have imagined that within less than twenty years two space age irises, THORNBIRD and CONJURATION, would win the Dykes?

I was also in a reblooming iris robin about twenty years ago. Some of the other members were Bernice Miller, Virginia Keyser, and Lloyd

Zurbrigg. Later Monty Byers joined this robin. Almost every round included some words about the hostility so many people directed toward rebloomers. These reblooming iris hybridizers were strong willed, however, and their vision of a day when cold climate rebloomers would be as “good” as once blooming irises was clear. Last year two strong cold climate rebloomers, IMMORTALITY and CLARENCE, were on the list of 100 Favorite Irises. We’ve come a long way!

The idea that the great advances in iris breeding are all in the past is wrong. There are wondrous achievements ahead of us—great uncharted paths to improved garden irises of unimaginable beauty. Work is only beginning with our native *Iris versicolor* and *Iris virginica*. The development of *Iris setosa* is an area with much potential. There are untapped possibilities inherent in Spuriae species which do not go dormant in the summer. The potential of *Iris typhifolia* to extend the season of Siberian irises is readily apparent.

If one wants to work only with bearded irises, there are a number of species that have been little used in past breeding programs. Two such species are *Iris imbricata* and *Iris albertii*. Some of the past advances in tall bearded iris form and color have produced cultivars that do not thrive in areas with cold, wet winters. Transforming some of these beautiful irises into cultivars that thrive in more severe climates is a noble undertaking. Likewise, developing miniature dwarfs of the *Iris pumila* type into irises that will do well in southern gardens is surely worth the effort. Arilbreeds more friendly to wet climate areas are waiting to be developed. We are only at the beginning of a great age of reblooming and space age irises.

Hybridizing irises expands our hobby into a great adventure. With all the advances we have made in the past century, the best is yet to come. 

Visit the AIS Website

www.irises.org

Editor's Message

July's Woes

by Terry Aitken, Washington State

THE JULY *Bulletin* COULD BEST BE DESCRIBED AS THE CASE OF the "Duelling Computers".

Scott Aitken, who normally does our graphics, was on vacation during the production period for the July *Bulletin*. So we used a new designer. With a new computer graphics person in place for the July issue to do color and page layout, we forwarded copy ready articles via Email attachment to S. J. Collard. His computer removed the formatting—italics, paragraphs, etc.—and in some cases arbitrarily eliminated half pages of text somewhere in the body of the articles. At the last minute, just before going to press, we caught several cases of "missing text" and most of the missing formatting. Unfortunately, we did not catch all of it, and we owe Carla Lankow an apology the lost formatting in her article *I. Stolonifera* on page 42.

At the same time our new awards chairman, Farron Campbell, was working up the Symposium Ballot. His computer refused to complete a "merge command" and about twenty irises got left off that list. After much discussion at the board level, the decision was made to run a new Symposium Ballot, which is included with this October issue. So, if you voted your Symposium Ballot from July, you get to vote it again. If you forgot to send it in, you get another chance!

Computers are wonderful tools. Just don't ever trust one!

In the scramble to get the *Bulletin* off the presses by July 1st some photo credits were also missed. All photos on page 52 are by Alan McMurtrie; the crested irises on page 51 are photographed by Bill Shear; the ONE DESIRE photo is by Mike Lowe. The Oklahoma experience photos on page 50 are by Bill Shear. The inside front and back cover are Aitken photos. ❧

Youth Views

Contest Winners

by Jean Morris, Missouri

Joyce Fields Wins Essay Contest

CONGRATULATIONS TO REGION 18 AIS YOUTH MEMBER, JOYCE FIELDS, who is the winner of this year's Ackerman Youth Essay Contest. The contest is sponsored by the AIS Foundation, which names a new topic each year. The 1999 topic was "What is the most interesting thing you have done as an AIS youth member and /or what do you plan to do next with your irises?" Joyce, age 13, and a Classroom Iris Project student at Southview School, won the \$100. prize with a clearly written essay about her hybridizing experiences, as follows.

"My most interesting experience was learning how to cross pollinate irises. First we picked out two colors of flowers. We used a tweezers and pulled off a stamen that had lots of pollen on it. Then we rubbed the stamen on the stigmatic lip.

If you get lucky, your flower will get a seed pod and it will grow. Then there is the long wait 'til we find out how our experiment will turn out and what color the irises will be.

I cut a specimen iris for the show. It was named DOODLE STRUDEL. I won a blue ribbon.

I like irises. They are pretty. In the future I want to plant more irises at my uncle's so I can visit and watch them grow."

- Joyce Fields

Essays by other youths who entered the contest will be published in the AIS youth newsletter, *The Iris Fan*. They are Melissa Kron, Region 2; Bill Weathers and Kay Weathers, Region 5; Beth Rocha, Region 15; Chris Arthur, Alexa Cahalan, Kory Kuntz, Stephanie Rust, Jennifer Schmidt and Chris Trout, Region 18; and Tiffany Bennett, Courtney Bittle, Kaitlin Broadhurst and Cary Misenhime, Region 22. Thanks to all who entered. We encourage regional editors to print these essays in their respective bulletins.

Clarke Cosgrove Contest Nominations Needed

Once again it is time for AIS members to encourage their region's youth members by selecting an active youth to nominate for the Clarke Cosgrove Memorial Award for Youth Achievement. Please read the following rules and write your nomination now, before it slips your mind.


We would love to receive nominations from every region!

Any AIS member may nominate any AIS youth member. If you need a list of the youth's activities, call a club officer or your club's Youth Advisor. Speak with a parent, grandparent, or directly with the youth.

Mention the youth's age and region. Outline his/her activities following the guidelines below. End with some of your nominee's personal attributes. Typed or handwritten nominations are acceptable. Please limit to two pages. A youth may be nominated by more than one person, or by someone from another region.

Your nominee's activities should include some of the following attributes:

- Growing a fine iris garden
- Actively hybridizing
- Writing for an iris publication
- Helping an iris organization through a committee or activity
- Visiting local iris gardens
- Attending regional / national conventions
- Studying to be an AIS judge
- Promoting irises and /or the AIS to others
- Signing up new AIS members
- Competing enthusiastically in shows
- Experimenting with irises
- Showing an interest in the various iris classes and sizes
- Demonstrating leadership skills

Mail your entries to Jean E. Morris, 682 Huntley Heights Drive, Ballwin, MO 63021, by January 31, 2000. The Youth Committee will code the entries to conceal identities and send them to a carefully selected panel of judges. The winner will receive a trophy and cash prize that will be presented at the AIS Convention in Dallas. Please encourage a youth member by writing a nomination today. 



Awards at 1999 AIS Convention: (left) Rusty Thornsburg receiving 1998 Clarke Cosgrove Memorial Award from Jean Morris. (right) Monica Combrink, OK, receiving First Runner-Up.

International News

by *George & Margaret Sutton, California*
and *Bruce Filardi, Oregon*

From Dianne Dalla Santa, Australia:

Just thought I'd pop in with a few words about the rebloom we are all enjoying in Oz this year (*in July*). We have had quite good rainfall over Autumn and into Winter, along with lovely mild temperatures and very few frosts which has set the scene for some good rebloom in Sunraysia and Renmark gardens (*northwestern Victoria and northeastern South Australia*). David Ruston has ...even been able to include bearded iris in floral arrangements for customers ...in Winter! ...We have been quite amazed by the growth on the iris in beds in the township of Red Cliffs that are under bright streetlighting. There are some spikes opening now...

In the latest South Australian newsletter there is news of yet another Australian iris convention in Adelaide in 2005 making three to come after the Sunraysia effort (in 1998).

(*and then in August*) Not only has there been considerable rebloom in Sunraysia and Riverland gardens this year there are two wonderful displays of tall bearded iris in bloom in two locations with very bright streetlighting directly overhead. In the first, in the centre of Red Cliffs, ..we see NEW MOON, SMOKE RINGS and an older variety, it maybe PIERRE MENARD that I grew back in the early 70's, along with an absolute mass of buds on others...The second location is in a front garden along the Calder highway in a little township nearby called Irymple where, beneath streetlighting, there has been a beautiful display for several weeks on LOVE THE SUN, SKYLAB, ORANGE CELEBRITY, CHAMPAGNE MAGIC, FRENCH GOWN, BAHLOO, ROYALIST and LIGHTBEAM.

Also: The Inland Regional Iris Society will be hosting the next Australian Iris Convention on October 25 – 29th 2001. For more information you can contact the secretary Mrs Delma Birthisel, 15 Woods Road, Yarrowonga 3730, Australia.

From Harald Mathes, Germany:

As a postscript to his article on lycopene pink which appeared in the July Bulletin, Harald Mathes writes: "I am delighted to announce that my seedlings from the crosses of ONE DESIRE and VANITY X yellow

I. attica have produced a few seeds by the diploid MTB FLASHY FLIRT. The embryos are already growing on nutrient agar. It is still uncertain how many will actually develop into plants, for some are extremely minute. Such seedlings are genetically tT, and tT x tT will throw 25% homozygous tt plants." He also asks us to keep our eyes open for a source for ZINGARA or other diploid varieties which should be carriers for t.

MEIS Convention - 1999

by Ladislav Muska, Bratislava, Slovak Republic

Iris lovers from the Czech Republic, Poland, and the Slovak Republic met in May for the 1999 Middle European Iris Association (MEIS) Convention. The meetings took place in the Slovakian town of Nitra, on May 22 – 23. The MEIS iris garden, called the Iridarium, is situated in the Botanical Garden of the Agricultural University.

During the first day, six judges took part in the 1999 judging competition. Results were as follows: First place was a tie between BREKEKE (Muska '96) and CHARANTE (Muska '95). Third place went to XOCHIPILLI (Muska '96). At present, MEIS awards are only for TB's.

During the afternoon and evening, the participants discussed problems in hybridizing for the coming years and for the long-term future.

On Sunday, May 23, experienced judges presented a training session at the Iridarium. This was supervised by Milan Blazek of the Pruhonice Botanical Garden near Prague in the Czech Republic. Mr. Knoll, Director of the Botanical Garden in Nitra, discussed future aims of the Iridarium. Plans include concentration on European native species irises, historic irises, irises awarded the Dykes Medal, and winners of the Concorso Internazionale dell'Iris in Florence. Selected irises of MEIS members may also be featured.

Milan Blazek lectured on native species irises in Middle Europe and Mr. Knoll discussed the history of native species irises in Slovakia.

The MEIS Convention will be held in the Czech Republic in 2000, and in Poland in 2001 in the town of Mikolov.

The following new irises were seen at the Convention: GOLDEN FASAN (Muska, 2000), MANNEKEN PIS (Muska '99), FLOUNCED BAJAZZO (Muska '94), and SNORRI (Muska '98).

From Italy:

I am an Italian writer; I live north of Florence. I write children's stories but my interests lean towards botany, etc. I have some land in the hill country, and at this moment my valley is completely covered with

irises—very beautiful local native irises. I would like this valley to be known for the beauty of its native irises that grow throughout. I would like to protect them. Is your organization interested in this species? Best wishes, Giulie Sansoni

***From Margaret Criddle,
Seed Distribution Officer, BIS Autumn Newsletter:***

I would like to thank all members for their loyalty in supporting both the distribution and for sending seeds in excellent condition. This year if you have even a few seeds of any iris send them to me by the last day of October, please put colour and form if name not known; they can be bee set.

Some thoughts about seed distribution 1998/1999. Seed of Pogon species was as in the past in great demand, with most of it coming from Europe. Could we have some hand pollinated seed please? Seed of SDB, MTB, IB and TB sold out very quickly... Oncocyclus and regelia species sold out instantly and Aril hybrids sold well... All the Evansias, gracilipes, cristata and milesii were in demand... Overall there is a reduction in demand for 28 sibiricas but named forms sell better than mixes and Currier McEwens seed always sell fast... There is steady demand for Californians and hybrids and high demand for seeds from Japan and named forms of laevigata... Demand for Louisians species and hybrids is high with little available, can anyone help with seeds?

Holiday in Prague

Members of the Kent group of the British Iris Society, together with Mr. and Mrs. Cy Bartlett, Mr. and Mrs. G. Sutton and two members of the Mercia group spent a very enjoyable holiday in Prague in June. We spent a happy and informative time with Milan Blazek in Pruhonice and at the botanical gardens in Brno. Here are a few of the comments from members of the group:

“It is a wonderful old city but make sure you visit the new complex and see the work of the young designers.”

“The kindness of the Czech people, always a seat on the metro or tram, cleanliness of the old town street and square (the horses wear nappies [diapers]). Dumplings with everything (well nearly) and the kindness and concern of our guide: Petr Valeta.”

“Wonderful architecture though, sadly, lots of buildings need cleaning. Polite cheerful people, especially the young. A good day with Milan and his irises and lots of laughs with the iris people.”

“The transport to Pruhonice, the metro system was very efficient. We were shepherded to the Pavlova metro station on the red line to

Opatov some eight stations away. All out and on a bus for 30 minutes, swinging around the bends in the road, most of us standing up fighting the 'G'-force. Eventually we found the iris grounds and all our backaches vanished."

"The most outstanding feature of the week was the visit to the second botanic garden in Brno. The alpine section was magnificent in the quality of the plants and even more so the imaginative vertical slate setting for them. Unfortunately the irises had finished but the quantity of spent flowers visible meant that it must have been a wonderful display."

"A favorite place was the garden in Brno where there were collections of Cotoneaster, salix, saxifraga, iris and alpines which came from various mountain areas of the country and were displayed in natural surroundings." ❧

- Editor's Note: Look for article in the January Bulletin by Milan Blazek of the Czech Republic on International Cooperation and the Middle-European Iris Society referred to above.

New Zealand Iris Society
Iris Symposium 2000
Mount Maunganui, New Zealand
November 2-6, 2000

You are warmly invited to help the New Zealand Iris Society celebrate their 50th Anniversary. The agenda includes international speakers, garden visits, post symposium tours. If you would like an application form or further information, or wish to present a paper, please contact:

Peter Berry, Apartment 8D, Tower 1, 1 Marine Parade,
 Mount Maunganui, New Zealand
 Phone Fax 64-7-574-0913
 email: <berryp@kiwi.co.nz>

New Zealand: first country to see the sun, spectacular landscapes and distinctive native flora, and the place where many types of irises grow beautifully!

American Iris Society Convention

Presented by The Iris Society of Dallas

April 15 - 20, 2000

Convention Headquarters:

Crown Plaza North Dallas/Addison
14315 Midway Road
Addison, TX 75001
(972) 980-8877

Room Rates: \$85.00 plus tax,
One to Two People per room

Please reserve your room directly with the hotel (Monday-Friday 7:30AM – 7:00PM CST), stating that you are with “The American Iris Society”. Cut off date for blocked rooms is March 15, 2000.

Convention Registration Fees:

Postmarked by February 15, 2000	\$185.00
Postmarked from February 16 to March 15	\$215.00
Postmarked <i>after</i> March 15	\$240.00
Youth Registration (age 18 & under)	\$145.00

Partial registration rates will be available for advance registrations only. No registrations for the Welcome Dinner or Awards Banquet only after March 15th. If it is necessary to cancel reservations, notify the registrar. We will make every effort to give 100% refunds, but late cancellations may receive less than full reimbursement.

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Please list names of registrants exactly as you want them printed on your name badge. Make checks payable to “2000 AIS Convention”.

“Destiny Dallas 2000”

Looking Forward to Iris & Art

by Lew Begley, Texas

HERE IS NOTHING LIKE THE RAINBOW EFFECT OF A FIELD OF irises. Your palette will be full if you visit *Destiny Dallas 2000* for next year's American Iris Society National Convention. Mark the date April 15 - 20, 2000 for a millennium artfest. You may win the stunning iris art door prize at the Awards Banquet—a Gordon Green original watercolor of a beautiful yellow iris. You have a second chance for a Gordon Green treasure with the raffle—this one a purple and white plicata.

Dallas will welcome you with nine gardens on the convention tour. On display will be over a thousand varieties of irises at two master plantings: Dallas Arboretum and the Clark Gardens. The Dallas Arboretum on the shores of White Rock Lake has over sixty acres that will be one of the highlights of your tour. In the setting of an oil man's mansion (the DeGolyer Estate) you will be surrounded by spring blooms. You may tour the mansion and walk the grounds of azaleas, water fountains, ponds and statuary. Irises will be your main objective, but you will see a myriad of flowers in bloom.

The Clark Garden in Cool, Texas is an estate of irises in every direction. A new setting of European design will host the guest irises. You can enjoy lunch around the lake pavilion full of waterfowl and bordered by plantings of Louisiana irises. Art forms, fountains, covered walkways and many thousand irises are scattered through the grounds. The art of iris there will amaze you.

The Spears Garden in Argyle, Texas is a haven for historic iris lovers. Besides the guest beds you can feast your eyes on irises past and renew your memories of past art. Joan Stanley's garden in Ft. Worth, Texas, stands on eight acres of woods, streams and open fields of irises. You can see her rabbits and walk along the step-stone paths. A treat awaits you on encountering Joan's bubbly personality.

Tom Burseen's garden in Grand Prairie, Texas, is crowded to the brim with Texas Tough Irises. Thousands of blooms await your viewing, and you can even pet a goat if you like. The Farmer's Branch Historic Park is a glen setting of an old farm homestead; complete with church, farm

homes, corrals and farm buildings. There are beds of guest irises, and around the church are many historic irises. In fact, there are beds of iris everywhere. Again, you will enjoy lunch on the grounds and have time to see it all.

The Addison City Park planting near the convention hotel will be on the bus tour, but also is just a short walk away, providing you with a second look at some of the irises you like. Another highlight of your bus tour will be the famed gardens of Marie Caillet in Little Elm, Texas. Set on the shore of the lake are Louisianas in profusion, and an English garden setting of many other blooms. Across the street you will see Aunt Shirley's garden and Sandy Shaw Moss's garden of irises on the shoreline. Just up the street in the Land Garden there are companion plants among the irises that are some of the most unusual in Texas. Diane Land is a master gardener and the art of her grounds prove it. The Land's antique rose garden has one of the best displays in the area of North Texas and will also be on tour.

At the Begley Campbell garden in Mesquite you can view irises all around the house. There are fields of Louisianas, guest iris beds, even an historic bed. Water ponds and koi fish are there for the viewing, and behind the barn is a field of wild flowers.

Make plans to attend *Destiny Dallas 2000*. We welcome you to a week of art you won't forget. Good food, good tours, great art in iris and even an iris show await you next April 15 - 20, 2000. Don't miss it! Perhaps you will carry home the iris watercolor of Gordon Green. 🌸

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The Society for Louisiana Irises is liquidating its copies of the book *The Louisiana Iris* by Caillet and Mertzweiler.

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Flightlines

From the International Robin

by Barbara Figge, New Mexico

THE FOLLOWING ARE EXERPTS FROM THE INTERNATIONAL ROBIN. IF you are interested in joining this or any other robin, please contact Libby Cross (page 2).

Robert L. Jensen, Vernal, UT: I have about 300 irises in my garden and I am playing with hybridizing... Thus far I haven't grown anything earth shattering, but it's a fun hobby. All of my iris are tall bearded... I would love to increase the size of my garden and even get into some of the other varieties but I recently had birthday number 75 and so I'll be lucky if I can keep the weeds out of what I already have... Also, I picked this up in one of the AIS *Bulletins*. There is a product to help with soft rot. I have had a serious problem with this for a long time... last spring just as growth was starting. I spread a product called Agrimycin on each clump and I didn't lose a single rhizome to rot. It is a little expensive if you were to use it extensively, but I sprayed all of my plants with half of the package so will have enough to do them again this year... It looks like brown sugar. You mix it with water and just sprinkle it on each clump.

Tobru Araki, Japan: I live in a rather small city, Akashi, which is located in mid-western part of Japan, close to Osaka and Kobe. We have very little snow, and when we have it, snow can last only a few hours before melting away. Lowest temperature may be... 28°F in winter (January and February), and highest may be... 99°F in summer (August). We have a rainy season for one month (mid-June to mid-July). It is very damp all through summer. Soft rot is the biggest problem I should always worry...

My garden is too small to grow many TBs I want... Our garden space is approximately 2500 square feet. My 120 varieties (including) TBs, LAs, Sibbs, and one JI (10 PCIs I tried are all dead last year) share this space. Another 130 varieties (in clumps) of TBs are growing in fields which I have rented; approximately 3600 square feet. So now I manage a total of approximately $\frac{1}{10}$ acres of iris patch. Year by year, TBs grow in number. It makes me divide them and give hundreds of rhizomes to save my garden spaces every year. I do wild crosses, but I have not been rewarded by a charming TB yet.

David L. Traylor, Petersburg, VA: The only species I seem to be having trouble with is *I. setosa*. I grew this one from seed and it has yet to flower after three years. The summers may be a little too warm for it but it does seem to grow fairly well. I have also grown *I. ensata* and *I. tectorum* from seed and I presently have *I. typhifolia* as seedlings in 3" pots. I have five other species in process but they have yet to germinate. The rest of my species have been purchased as plants.

Lars Hopfner, Denmark: I am using only rainwater in my garden. (I am collecting all I can.) Drinking water is too expensive, and must not be used for garden watering (it is a local decision, because of our lack of water). We have at the moment 2 kinds of taxes on drinking water...

Margaret Criddle, England: The *unguicularis* that I grew from New Zealand seed of mixed blues 4 years ago are flowering for the first time, so far three plants. All look similar to MARY BARNARD. My older *unguicularis*, namely WALTER BUTT and MARY BARNARD have flowered from the end of January, through April. *I. lazica* flowered well for the first time—a gift, as was *I. cretensis*; ALSO A BULB OF *Juno bucharica*.

Tobru Araki, Japan: Now in my garden many irises are blooming. Every year, JESSE'S SONG is the first bloomer. Temperature lows are 55 – 59° F, and highs are 73 – 77° F in these days. Good shower once a week. The weather condition is perfect... This year, I have more than 70 newcomers of TBs, all different ones, 30 bought from U.S. gardens and others from my iris friends. I have been longing for them to bloom...

Weeding with hands is really tiring. This year I will try burning weed(s). A kind of kerosene burner gun by which I may burn weeds growing a little away from irises. I hope it will work. Japanese weeds are also tough and very strong. From March through November, I can be away from the iris beds only for 2 – 3 weeks without weeding. Weeds can fly or scatter seeds, can stretch their arms and develop new root systems where they touch ground, can do anything...

In Japan, a wave of gardening is now increasing. Various books and magazines on gardening are published, (with) English, and New Zealand fine gardens or house gardens are sometimes on the TV. The other day I saw a Flower Festival held in Christchurch, NZ...


Libby Cross, Covington, VA: I consider “wild crosses” as those between two bearded irises who are unrelated to each other. At least a lot of times, you think they are unrelated, but a bit of research into pedigrees usually

turns up common grandparents or great-grandparents. One of my 1994 introductions is a case in point. I crossed TB MOD MODE (a pink plicata) X WILD JASMINE (yellow standards, tan marked falls) and got CINNAMON FRINGE (tan standards, white ground falls with speckled brown edges). Turned out that both parents had WILD GINGER in their background, so it wasn't as wild as I thought. It was not a planned cross, either. I did it because I had some pollen from WILD JASMINE and MOD MODE was the only thing blooming at the time!

...I think Tohru is right. Random crossing is a much better term than "wild". Tohru's weed burning reminds me of what a friend of mine did once. Someone told her wood ashes from her fireplace were good for the iris, so she dumped them (hot out of the fireplace!) right on the iris. In the long run, it was very good for them. After they were burned to the ground by the hot embers, they grew back better than ever!

David L. Traylor, Petersburg, VA: I do not know if there is any such thing as a wild cross. I feel that any cross is worth trying as long as it is a controlled cross. New information is the point here. You may learn something that is needed by someone who has been working on a new breeding line. You never know where the next breakthrough will come. The genetic diversity of the genus iris is very wide and anything is likely to show up at any time.

Lars Hopfner, Denmark: I am always freezing my iris seed (except Regelia and Oncocyclus seed which are slow germinators) because I am receiving seed the whole year round, ...sowing iris seed in late Autumn, I often see germination on them before our Winter; the result has been loosing the small seedlings.

Libby Cross, Covington, VA: Sometimes crosses made "because I have the pollen" can have fantastic results. I have a brown-red bicolor IB (PURGATORY X SUN SPRITE) which has some trouble with the standard color fading. However, it seems to be the only PURGATORY child around. Jim McWhirter couldn't get it to pod and neither can Walter Moores, PURGATORY's hybridizer. 

Black is Black

On Black Irises

by Sylvain Ruaud, France

Translated by Bruce Filardi

BLACK FLOWERS ARE MYTHICAL FLOWERS. THROUGHOUT history, mankind has tried to find—and later to breed—flowers in black, the color of mystery, eternity, and death.

The complicated attempt to breed the famous “black tulip” is a well known story. Iris breeders, too, were unable to resist the dark lure, but irises proved an even greater challenge. Black pigment is obtained by mixing equal parts of yellow, red, and blue. When these three primary colors exist somewhere in the gene pool, there’s hope of producing black blooms through careful breeding (if nature hasn’t provided them). But since the iris gene pool doesn’t contain all three primary colors, we can only approach absolute black. Among irises, the red pigment doesn’t exist; as a result, we have to use tricks to obtain a “black” that comes close to absolute black. What we call black is only an approach via the available primary colors: yellow, blue, and—in irises—magenta.

If we start with yellow, we can approach the appearance of black through darker and darker saturation of brown, in the way that we call a cup of strong coffee “black”, although we can tell it is actually brown if we hold it up to the light. This has been the least-traveled route to black, because it is certainly the most difficult.

Starting with blue, we can reach indigo or violet, and from there it’s relatively easy to head towards black.

It’s somewhat surprising that we can also approach black by way of magenta. Through garnet and purple we can reach a very dark, almost black tone.

These are the three paths which hybridizers have followed. The first efforts were in the 1930’s, and I feel that now, almost 70 years later, we are very close to attaining our goal. What did the first black irises look like? How did black irises evolve? Where do we stand today?

The first major attempts were made by three hybridizers or hybridizing families: the Sass Brothers in Nebraska, Paul Cook in Indiana, and the Schreiners in Oregon. A fourth hybridizer, Nicholls, also played a role.

Each went his own way. The Sass Brothers selected their darkest seedlings from their blue and purple lines and intercrossed them. This resulted in the introduction of THE BLACK DOUGLAS in 1934. Paul Cook used a different approach, employing *I. aphylla* in his program, and introduced in 1938 his famous SABLE, which was considered the outstanding black iris of its time. This accolade was inherited by its descendant SABLE NIGHT ('50), which later received the Dykes Medal. Nicholls used THE BLACK DOUGLAS with two old French irises, SOUV. DE MME. GAUDICHAU and ALCAZAR, a violet neglecta from 1910, to start a breeding line of dark irises; this gave him STORM KING in 1940. In *The World of Irises*, an unending source of information, we learn that in 1938, the year SABLE was introduced, the Schreiners released ETHIOPIAN QUEEN, a result of crossing THE BLACK DOUGLAS with a dark brown-red seedling. In turn, ETHIOPIAN QUEEN was crossed with another *aphylla* derivative and gave the Schreiners BLACK FOREST ('45), the most influential ancestor of today's violets and blacks. BLACK FOREST displayed the deepest black that had ever been seen. It owes its depth of color to *I. aphylla*, which has the capability of intensifying colors—but the *aphylla* genes are also responsible for the fact that many modern hybrids lose so much of their foliage during the summer.

Many hybridizers turned to BLACK FOREST in their further attempts to breed a truly black iris. Gordon Plough bred SWAHILI ('65) and STUDY IN BLACK ('68), both red-blacks, and later BLACK MARKET ('73), INTERPOL ('73), and RAVEN'S ROOST ('81); Walt Luhn gave us DUSKY DANCER ('67), descendant of BLACK SWAN ('60), Orville Fay's contribution to black breeding efforts; Ben Hager's BASIC BLACK ('71) and Jim Gibson's OPENING NIGHT ('70) were two other standouts of the period. And let's not forget the Schreiners, who gave us such notable blacks as LICORICE STICK ('61), BY NIGHT ('76), SUPERSTITION ('77), SWAZI PRINCESS ('78), BLACK DRAGON ('82)...

Since the early 1980's, the color saturation and the velvety texture of black irises have almost reached the pinnacle. Outstanding examples are the Schreiners' BACK IN BLACK ('86) and MIDNIGHT EXPRESS ('88); Harold Stahly's BLACK FLAG ('88); Walt Luhn's BLACK OUT ('88); and Sterling Innerst's BEFORE THE STORM ('92).

In France only Anfosso has worked in this area. He introduced CALAMITÉ, BAR DE NUIT, and DRACO ('82, '87, '88). British and Australian breeders have not done intensive work with black.

In the 1990's, the Schreiner family has led the field in the production

of fine black irises. Almost every catalogue has introduced a new black or dark violet: NIGHT RULER, MIDNIGHT DANCER, HELLO DARKNESS, BLACK TIE AFFAIR, PAINT IT BLACK, OLD BLACK MAGIC ('90, '91, '92, '93, '94, '96). In Europe, the Anfosso family has given us two descendants of BAR DE NUIT: NUIT DE CHINE and NUIT FAUVE ('93, '94). But do any of these represent a real step forward? It seems to me that we've reached an impasse, at least with regard to depth of color. The exceptions come from the breeding lines of Manfred Beer in Germany: BLACKY, and especially MANDY G. (both 1992).

In my opinion, the following are the best examples of modern blacks:

- BAR DE NUIT (Anfosso '87): The more artistic than realistic photo on the cover of Anfosso's 1987 catalogue probably led to disappointment for many of his purchasers who hadn't actually seen the iris "in person". Nevertheless, BAR DE NUIT is a "very black" iris of excellent quality. The blossom, very dark violet with dark blue beard, is well-proportioned, elegant, and velvety. In addition, growth is good, which is not the case with all blacks.

- BEFORE THE STORM (Innerst '89): The iris was a deserving recipient of the Dykes Medal. Its color is a particularly deep black, with a black beard tipped bronze. Its form is elegant, although somewhat stiff. Growth is medium, but increase is good. One thing is certain: BEFORE THE STORM makes a statement in the garden!

- BLACK OUT (Luihn '86): To my eye, this is the blackest black at present. The falls are a bit darker than the standards, the beard is blue-black. The blooms are large, beautifully ruffled, although sometimes a bit short on bud count. It has a pleasant mild scent, unusual for a black iris. Vigor and increase could be better.

- HELLO DARKNESS (Schreiner '92): The color is a very dark violet-black with a black beard. The flower is only lightly ruffled, but perfectly proportioned. Its great strength is that it grows well and is weather-proof despite relatively early bloom.

- MANDY G. (Beer '92): Among the purple-blacks, this is definitely the best. Its deep black shows purple only when held up to the light. The yellow beard makes it unique. Like many dark irises, MANDY G. blooms late. It increases quickly and without problems. A top iris in all areas.

- WITCHES' SABBATH (Maryott '86): One reason to recommend this iris is its bloom period, which starts early and lasts a long time, due to its high bud count. WITCHES' SABBATH is a dark violet-black with mustard beards. Its biggest fault is the tendency of its standards to

open too wide; nevertheless, you can depend on it to be an eyecatcher in the garden.

What progress can we expect? We can not hope for much additional depth of color; BLACK OUT and BEFORE THE STORM are “really black blacks”. In flower form, HELLO DARKNESS is a great step forward. Truly laced black irises still don’t exist, and bud count needs to improve. In my opinion, future progress will be in the area of “very black” irises with colorful beards, especially in the tangerine and brick-red direction. Several hybridizers are working in this area, led by Keith Keppel, who is using WITCHES’ SABBATH in his program. The first result is NIGHT GAME (’96), which he describes as “eggplant with fine rim of prune purple on the falls, and brick red beard”. In this color class, Joe Ghio has produced NIGHT ATTACK (’93), which has an orange beard tipped purple, but which isn’t completely black. Yellow beards have already arrived, as shown by MANDY G. But there are still no black Space Agers. So there’s room for further exploration of the dark realm, with possibilities of adding even more beauty to the world of irises. 🌀

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Hybridizer and Service Medals

1998 Recipients

A N AWARDS COMMITTEE, COMPOSED OF PAST RECIPIENTS and headed by the president, reviews candidates for the *Hybridizer's Medal*, *Distinguished Service Medal*, and the "Most Overlooked" Iris award. Nominations and endorsement letters (five are required for consideration) are sent to the committee. A list of candidates is compiled and the committee votes for a short list which is then presented at the AIS fall board meeting. The Board may also add candidates if five board members will act as sponsors. The combined list is voted on by the full board in closed session.

At the fall Board meeting in 1998 it was voted to award Distinguished Service Medals to O. David Niswonger and Olive Rice Waters; and the Hybridizers Medal to Ray Schreiner. These awards were presented at the 1999 Awards Banquet in Oklahoma City.

Distinguished Service Medals

O. David Niswonger:

Dave Niswonger has provided a long and distinguished service to AIS. He has been hybridizing irises for thirty-nine years and was awarded the AIS Hybridizer's Medal in 1985. He hybridizes with a wide range of different irises, and has won top awards for many of them, as follows:

Dykes Medal: for BROWN LASSO and EVERYTHING PLUS

Knowlton Medal: for RASPBERRY SUNDAE, BROWN LASSO, and MARMALADE SKIES

Sass Medal: for HONEY GLAZED and PRINCE OF BURGUNDY

Cook Douglas Medal: for RASPBERRY JAM, and LITTLE BLACK BELT

Eric Neis Medals: for BUTTERED CHOCOLATE, CINNAMON STICK, MISSOURI RIVERS and SULTAN'S SASH

Dave has been president of several local iris societies, as well as the Spuria Iris Society, and RVP for Region 18 from 1980 – 1982. He was on the AIS Board of Directors and was Director of Affiliates from 1990 – 1995. He served as President of the AIS from 1995 – 1998. During this term he did much to promote world wide interest in irises. Through his interest in species irises he has had contacts with hybridizers of other countries, such as Tomas Tamberg in Germany and Dr. Rodienenko in

Russia. He spearheaded a committee formed by AIS to investigate the interest in the organization of a World Iris Association.

He is involved in breeding many other types of plants—gladioli, hollies, daffodils, daylilies and nut trees—and also has introductions in these areas, as well as his many irises. He was awarded the Gold Medal for Horticultural Achievement by the Gardeners of America in 1993.

Dave was Administrator for Southeast Missouri Hospital, retiring in 1991. He served the hospital for thirty years, fourteen of them as Administrator. With wife Marie, he is enjoying his retirement which allows him to spend more time with family and the plants he loves.

Olive Rice Waters

How I Came to iris: A Look Back

Irises were always a part of the flower borders of both my mother and my grandmother. My first very own flower garden had a few irises, augmented with many more when my new next-door-neighbor turned out to be hybridizer Ed Zickler. Down the road was Ed's friend Earl Roberts; both inspired by fabled growers Paul Cook and Arley Payne. My next garden was on a glacial moraine, beautiful but too fast-draining to make rhizomes thrive in that gravelly soil.

Then came the red tobacco richness of Maryland gardens, where such irises as ELEANOR'S PRIDE thrived. What an inspiration that garden was, though not a patch on the Owings Reberts' masterpiece at Westminster.

When it came time to return to graduate study at U.C. Berkeley, I decided that it was time to end my affair with irises. I piled my run of *AIS Bulletins* into the car to take them to the Luxamanor library's garden collection. But, does an old love ever die? No sooner had I settled into an academic schedule in Berkeley when unfathomably I found myself sitting in the Sydney B. Mitchell Iris Society's meeting, listening with awe to such famous persons as Larry Gaulter and Walt Luihn.

A bit later, having indulged myself in attendance at a Region 14 Spring Garden Tour, I was on a bus with Ben Hager as seat mate. Ben delved into my history and found that I had pounded the pavement for a daily newspaper to work my way through college. He thereupon proceeded to announce to our fellow trekkers that he had found a new regional editor!

Did I need this? Apparently so; I kept one foot on the campus and the other in the garden. The Region 14 Bulletin proved to be a challenge, as did the *Almanac of the Pacific Coast Native Irises*.

Still later, I was in the Keppel garden in Stockton as an AIS

Convention, when Leon Wolford mentioned that he had just lost his publicity chairperson for AIS, and would I be interested.

Then Joe Gatty promoted the need for an iris calendar. You know the rest. It has been a long and beautiful path, and I do thank all of my iris friends for the opportunities to serve the Society.

Hybridizer's Medal

Ray Schreiner

Schreiner's Iris Gardens began as a hobby during World War I when Francis Xavier Schreiner started growing irises in St. Paul, Minnesota; a testament to the fact that bearded irises will grow in a variety of climates. Upon his death in 1931, Francis' children continued the business and moved the gardens to the Keizer area north of Salem, Oregon.

Our goals in breeding irises are to develop new color patterns, improve colors and flower form from what is already developed, and live up to the standards that everyone looks for in growth and disease resistance.

I started crossing with my dad, Bernard (more commonly known as "Gus") in 1971. Dad would lay out the crosses and I, along with several others, would make the actual crosses. I also worked with Dad during the selection process, watching to see what he looked for, and the results of his crosses. This continued until my father's death in 1981. During those years, Dad taught me just about everything I know.

Since then, I primarily make the crosses, with input from my cousin Dave Schreiner, and other family members involved in our operation. I am always ready to listen to any ideas.

When I select a seedling, I look for new color patterns: something different and pleasing. Some things are very different, but not pleasing in color. After color, I look at the shape of the flower: breadth at the haft and the form. If the flower doesn't have those two qualities, no matter how different the color, I don't consider it as introduction material. I don't necessarily look for size, but rather, good proportion. Bud count is also important. If a seedling has the best flower, but only five buds, I'll cross it with something with more buds and hope to improve on it.

Working with so many colors it is difficult to say which color pattern I favor. When I work with a color, I envision what I will be getting, and at the moment I like that color best. They are all my favorites. Plicatas, blues, reds, darks or yellows—mix up the patterns and you're hooked! The possibilities are endless. Imagine a black with a pure white beard, or a deep maroon with a blue beard.

I see the future of irises as wide open. The sky is the limit: different

patterns, more buds, longer bloom periods and repeat bloomers. What about the possibilities with the foliage? We have variegated foliage. What about extending the purple hue at the base all the way to the tip? What a contrast! You could have color year-round. Only time will tell. 🌸

Material was obtained from an article which appeared in *The Canadian Iris Society Bulletin* in 1999, with permission from editor Christopher Hollinshead.

In addition to their many Award of Merit Awards over the years, Schreiners have been awarded nine Dykes Medals, as follows:

1958 BLUE SAPPHIRE, 1963 AMETHYST FLAME, 1968 STEPPING OUT, 1984 VICTORIA FALLS, 1988 TITAN'S GLORY, 1992 DUSKY CHALLENGER, 1994 SILVERADO, 1995 HONKY TONK BLUES, 1999 HELLO DARKNESS.

Ray Schreiner is an AIS Active Master Judge, and has been the primary "hybridizer" at Schreiners since 1982.

- Editor



Incoming officers at the Fall Board meeting '98

LEFT: Clarence Mahan, President

CENTER: Jeanne Clay Plank, 2nd VP

RIGHT: Terry Aitken, 1st VP

Oklahoma City

1999 AIS National Convention

TWISTER CITY!

by Jim Morris, Missouri

HERE IS A FAMOUS LINE IN THE MOVIE *Bonnie and Clyde* WHEN the bank-robbing Barrow couple is being hotly pursued in a high speed car chase out of Missouri. After sliding to a screeching halt at the state line, one policeman hollers to another "I'm not gonna risk my life in Oklahoma".

Well, risk it we Missouri irisarians did! And it started out scary. As we were approaching Stroud, Oklahoma, (northeast of Oklahoma City) by car on I-44, we started noticing shreds of pink insulation and other debris, then overturned trucks and damaged cars out in the middle of fields, and finally, what little was left of the Tanger Outlet Mall. The tornado damage was awesome. It looked like a war zone. Two foot wide steel beams were twisted like pretzels. In a few terrifying seconds, the city of Stroud had lost its tax base and employers of over 600 people. Miraculously, no one was hurt.

It was worse in Oklahoma City. We stopped at the Oklahoma Visitor's Center on the outskirts of the city to see if our hotel was still there. It was, and in fact became a center for Red Cross and Federal Emergency Management Agency (FEMA) employees.

The "Storm of the Century" was an F5 tornado, with winds of 240 miles per hour. An F5 storm is the highest level on the *Fujita Scale*. The magnitude of this storm was overwhelming. It was on the ground for sixty miles, including a nineteen mile swath through metropolitan Oklahoma City. Property loss was estimated at over \$225 million, 44 people were killed and 680 more were injured. The American Iris Society donated money to the relief fund, and further donations were collected from those in attendance at the convention.

Despite high winds, rain, and hail that hit some of the gardens, the iris bloom was relatively unscathed. The tornado probably came closest to Perry Dyer's garden, cutting through about a mile away. While traveling to his garden we passed police blockades, overturned tractors and trucks,

dead cows, shredded trees, and—most amazing to me—scooped out red soil where all vegetation was torn from the ground and was simply gone. But Oklahomans are gritty people. They survived the Murrah Federal Building bombing and now an F5 tornado. So they carried on and were gracious hosts to AIS garden visitors.

CONTEMPORARY GARDENS, PERRY DYER

by Jim and Jean Morris, Missouri

The Dyer garden in Blanchard is known as Contemporary Gardens. It is a new garden, having been in existence but two years. The convention guest planting was in a serpentine bed as were the newer tall bearded, quite a departure from Perry's past gardens of row plantings. There were separate beds of medians, novelty irises, Dyer irises, Zoo irises, and daylilies.

The first iris to catch our eyes was a non-guest, LION'S SHARE (Jameson '92), a wide and ruffled reverse lemon yellow amoena blooming with several show stalks. WILD WINGS (Keppel '99) was a ruffled royal purple over black with red beards. It had five stalks with 8–9 buds on each one, in a two year planting. DIAMOND LIL (Lauer '98) had two stalks nicely branched with 10 buds. It was a ruffled white with red beards. HI CALYPSO (Hoage '98) was a bright spot in the garden and hard to describe; try bright gold over neon red-violet, edged butterscotch. DIABOLIQUE (Schreiner '97) is easier to describe as a ruffled garnet purple self.

Perry's future 2001 introduction GHOST is aptly named. It was sort of a yellow-green blend over lavender-blue. It had old gold hafts and dark blue beards. Not to be missed was a Jim Loveland seedling #93SX2KD6. This SILVERADO child was a ruffled light blue washed with medium blue, and displayed good branching. BLACK FALLS (Nebecker '96) was nice with purple standards and ,what else, black falls. MELTED BUTTER (Fan '94), a cream with butter yellow wash, was very floriferous with eight bloom stalks. DYNAMITE (Schreiner '97) was a red-black with old gold beards. THERESA LYNN (Hoage '95) was a very nice lavender-white with red beards. It had five stalks. PAULINE RODERICK (Stevens '97) was a ruffled lavender with a white zonal on the falls and light lemon beards.

APRICOT TOPPING (P. Black '97) is a border bearded; honey orange over red with red-orange beards and white veining at the hafts. SUNCATCHER (Ensminger '92) went on my want list. It was heavily ruffled light yellow with some white on the falls. ALABASTER UNICORN (Sutton '96) was a white with bluish horns. Seedling #132-

84-2 (Ev. Kegerise) was pale blue over violet, edged blue, and standing tall after the storm.

The IB LUNAR FROST (Keppel '96) was creamy white with a lemon spot pattern brought up from the SDBs. HULA HOOP (Shoop '95) was a nice BB with standards in pale lavender-rose edged tan and light grayed lavender falls pencil edged gold. LYRIQUE (Blyth '96) was striking in lavender with a big red spot and bluish beards. The IB SAILOR (M. Smith '96) is what is known as a fancy plicata; it had medium blue standards and dark purple on white falls with dark blue beards tipped brown. WANDO (Ensminger '97) was a broken color BB, eye-catching in blue splashed white with light yellow beards. The TB SCOTLAND YARD (Begley '96) was a greenish lavender plicata. RAKU BLAZE (Aitken '96) was a striking blending of colors; standards were butterscotch while the falls had a violet blaze. (Raku is a style of firing in ceramics.) You won't mistake this one for anything else in the garden. GREAT GATSBY (McWhirter '95) was a ruffled neglecta with blue beards. MIND READER (Keppel '94) is a classic luminata in rosy lavender. Betty Wyss had a nice MTB seedling #9118-5 which was lemon over amethyst with goldenrod yellow beards.

We visited this garden twice, and it was actually better the second day of a past peak review. MEN IN BLACK ('98), another of Larry Lauer's irises named after a current movie, was a black-purple with old gold beards. ACT THREE (Blyth '95) must be named for a stage play. It is an EDITH WOLFORD type, only more vivid in color. ANTIQUE LACE (Sorensen '99) is one to watch for. It was a nice yellow with a white blaze on the falls. NOTHING BUT NET (Niswonger '96) is named for an excellent shot in basketball. It was lavender blue with a white wash on the falls. The MTB PROVEN STOCK (Fisher '97) had old gold standards and deep wine falls edged old gold. PERFECT GIFT (Keppel '96) was a heavily ruffled pale pink with a tangerine beard and well-branched stalks. ENCHANTING TIMES (T. Taylor '95) was also well branched in a pleasing lavender. A rebloomer, BONUS LITE (Sutton '98) was a clean white with three nicely spaced open flowers here. The Vizvarie seedling #20-91A-CRV was a clear reverse lemon yellow amoena with horns.

In the Zoo Garden, GNU'S FLASH (Kasperek '96) had a perfect stalk; tan over dark violet with silver streaks. This is another that you won't mistake for anything else. The arilbred SKI (Stanek) was an OGB, with dark chocolate beards on a dull yellow with old gold hafts and a slight red blaze. Seedling SR-1 (M. Betts), a Siberian X Versicolor cross,

(continued on page 45)

1999
AIS Medal
Winners



Photo: Lankow

▲ CHIEF SEQUOIA (J. Weiler),
winner of Sydney B. Mitchell Medal.

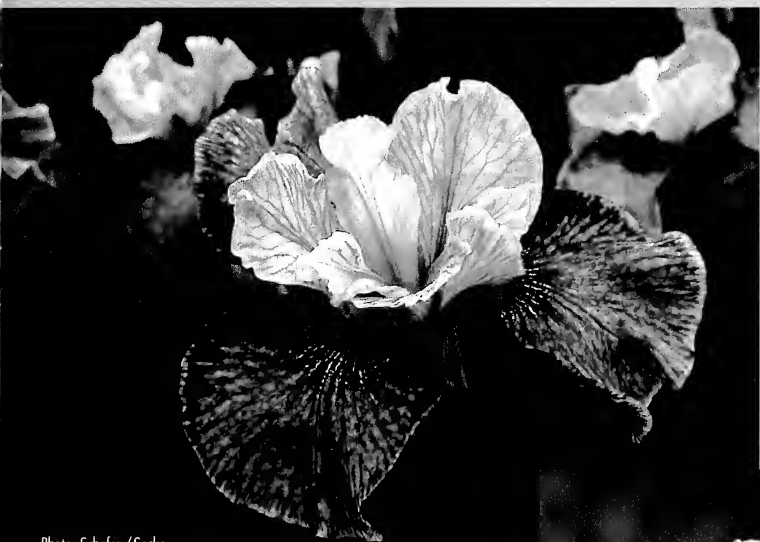


Photo: Schafer/Sacks

▲ ROARING JELLY (M. Schafer/J. Sacks),
winner of Morgan Wood Medal

➤ QUEEN SHEBA (H. Shockey), winner of
Clarence G. White Medal



Photo: Shockey



1999 AIS
Medal Winners

◀ TOOTH FAIRY (B. Jones), winner of Caparne-Welch Medal.



Photo: Aitken

▲
PELE (Aitken), winner of Cook Douglas Medal.




Photo: Niswonger

◀ PRINCE OF BURGUNDY (Niswonger),
winner of Hans and Jacob Sass Medal.



▲ PETITE BALLET (Keppell),
winner of Knowlton Medal.

▲ PATRIOT'S GEM (F. Gadd), winner of William Mohr Medal.

▼ PRETTY QUIRKY (A. Probst), left; and BILLIE THE BROWNIE (J. Burton), right;
tied for Williamson-White Medal.



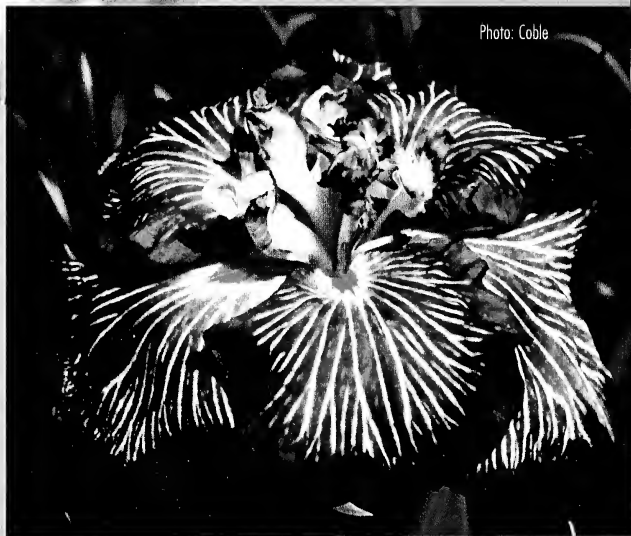
Photo: Niswonger



▲ SULTAN'S SASH (D. Niswonger),
winner of Eric Neis Medal.

1999 AIS Medal Winners

Photo: Cable



▲ GEISHA OBI (L. Rich), winner of J. A. Payne Medal.



Photo: Plank

◀ PROFESSOR NEIL
(J. Mertzweiler),
winner of Mary Swords
DeBaillon Medal.



Photo: Schreiner

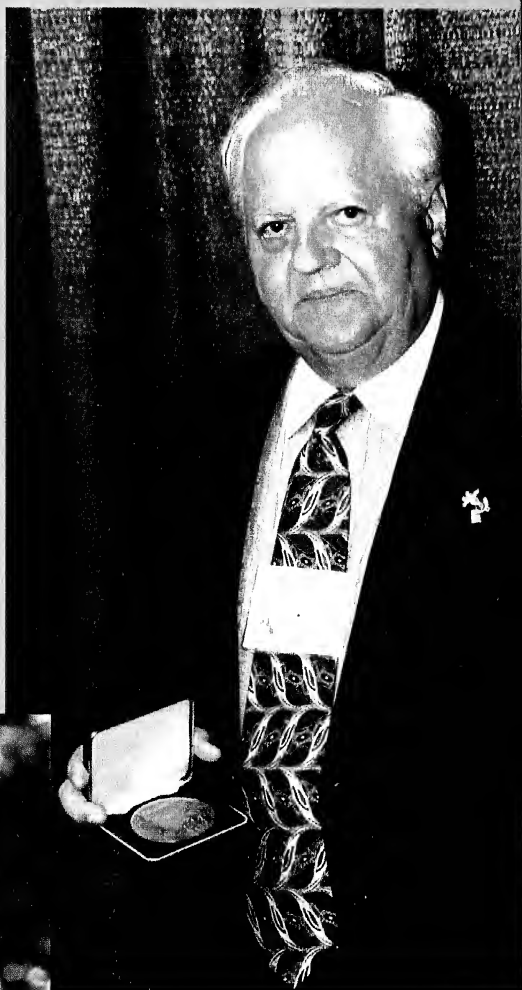
Photo: Schreiner

▲
DIABOLIQUE (SCHREINER),
winner of WALTHER CUP.



Ray Schreiner, awarded
Hybridizers Medal for 1998. ➤

Recipients of Distinguished Service Medal



▲
Dave Niswonger



▲
Olive Rice-Waters

Oklahoma Convention, 1999



Photo: Aitken

Tornado damage — even the grass is gone!



Photo: Aitken

DOUBLE BUBBLE in Beasley Garden



Photo: Aitken

Reblooming SDB seedling 91-84A in Dyer Garden

✓ The Hawley Garden



Photo: Aitken

Oklahoma Convention on Tour

Photo: Plank



◀ Fernandez Garden.

✔ George Waters sets up for a "photo op" at Jones Garden.

Photo: Aitken



Photo: Aitken



◀ Mathew Garden.

▼ Parrish Garden.

Photo: Aitken





▲ Scott Garden.



Oklahoma Convention on Tour

◀ Watson Garden.

Photo: Aitken

Photo: Aitken

▷ Louisiana Iris in the Will Rogers Garden



▽ Woodruf Garden

Photo: Aitken



The Evolving Black Iris



Photo: Ruoud

MANDY G. (M. Beer '92), Germany

Photo: Schreiner



BLACK FOREST (Schreiner '46) ➤

(continued from page 32)

was displayed in a nice clump of lavender blue with green signals and some cream in front of the signals.

Next year, the year of Y2K, you should look for Perry's LOVE BY CANDELIGHT (Dyer 2000), which was doing well in its home garden.

The Dyer garden has many great trees and bluebonnets. Seating for guests was in true Oklahoma style - bales of straw covered with patchwork quilts. Perry and his mother "Miss Kitty" were wonderful hosts and we enjoyed both visits.

BEASLEY GARDEN

By Peter Weixlmann, New York

ODE TO IMPERFECTION

Monday Morning I was fretting.

Way too much to do.

What happened to the two years in which to do it all?

Still weeds to pull and other messes too.

Martha Stewart's gonna flunk me!

Oh dear me, what to do?

Monday night came a BIG WIND, that made me see anew.

To be thankful for a few weeds when I could have been blown away too.

Sharon Beasley met us with this poem to remind us that the tornado had hit only a mile from her home and garden. What an incredible situation: to be a tour garden for a national convention and to have been slapped by a tornado and heavy winds for two days and then have hundreds of people come to see your garden! What a personable and gracious lady.

Sharon is a plant collector and she has in her words a "plop it" theory. You see a plant, you like it, you buy it, and then you plop it in someplace in the garden. She has been a passionate gardener for twenty years, writes a garden column for four local newspapers, and sells plants and cut flowers at a farmer's market.

Her garden is laid out in perennial borders of bachelor buttons, poppies, phlox and honeysuckle with irises mixed in. The guest irises were corralled in two plantings, one alongside of the bus parking area and the other along her house on the windy side. But nevertheless Sharon had some beautiful iris for us to ogle.

LITTLE JOHN (Don Spoon '96) had toasted peach standards with a shot of violet up the midrib, violet plum centered falls and blue beards

changing to henna within the flower. The eight buds were held on superbly branched stalks and the ruffled heavy substance of the blooms garnered much attention.

COUNT DRACULA (Hedgecock 2000) was quite nice; a velvety purple spaceage iris, with matching self beards, white haft marks and again eight buds for a nice display.

DOUBLE BUBBLE (Ghio '98) was the most ruffled flower in the garden. A single opened flower set many a camera shutter into action. The loopy bubble ruffles of azure blue with white beards and starched substance will delight many iris fanciers I am quite sure.

Sterling Innerst's DOROTHY DAVIS ('95) was a laced apricot peach with orange beards, and his PRINCIPLES ('93), a sterling silver blue, was quite lovely as well.

BOOGIE WOOGIE (Hooker Nichols '93) was another iris that repeatedly looked great in every garden. It was right at home in Oklahoma.

FERNANDES GARDEN

by Sara Marley, Virginia

It was with great excitement that I looked forward to seeing this garden again. My first visit to the Fernandes garden was in April, 1993, when Al and Nancy were garden hosts during the Median Spree. The garden was in an adolescent stage of development then, with *huge* rocks recently placed to form the base of a shady sitting area adjacent to a meandering stream.

During the past six years, more shady areas, paths, secluded spots, terraces, pools, arbors and other interesting garden amenities have been incorporated.

Older pieces of farm equipment with clematis climbing freely were left where the previous owners had them. Nearby, a fallen log served as a haven for a raccoon, who was peeking out to see what all the commotion was about.

Two years ago, an adjacent two acres were added to the original land parcel, which had been purchased in 1991. The lay of the land invited Nancy to design and construct a series of rock-lined pools. Most of the construction was engineered by Nancy herself, with some outside help in maneuvering the larger rocks. Nancy has incorporated plantings of *I. pseudacorus*, Louisianas and other water plants in the pools to complement the shrubbery and trees growing nearby.

A crescent shaped bed of daylilies is a few steps down from the larger pool and is divided by a rustic arbor made of bent saplings, again, constructed by the versatile endeavors of Nancy.

At the rear of the house is an expansive lawn with a freeform bed of daylilies, coreopsis, irises and other perennials. The focal point of this area is the granite obelisk topped by a cherub looking at a butterfly and is dedicated to the memories of Nancy's mother with this verse:

*Those we love don't go away,
They walk inside us everyday.
Unseen, unheard, but always near
Still loved, still missed, Still very dear*

All types of irises are used throughout the garden proper. The guest irises were planted on the two acres acquired earlier and had developed into vigorous clumps. The tornadoes which devastated nearby areas on the previous Monday had caused some shredding of blossoms when we viewed them on Thursday.

Our second visit, on Saturday, was a different story with hardly any tornado damage apparent. Cultivars that I must mention as being outstanding in the Fernandes garden include CROWNED HEADS ('97), a bi-tone blue with a heavenly fragrance hybridized by Keith Keppel. Another of Keith's latest introductions is BROKEN DREAMS ('98), which sports peach standards and broken color falls of peach and cream. POND LILY, by Evelyn Jones ('95) and a favorite last year, withstood the wind fairly well in a spot that was quite open. Pinkston's OWYEE DESERT ('97) was seen in two other gardens and looked good. It is a cream with mustard veining on the falls and yellow beards that make it unique. MONET'S BLUE ('98) and HIGH STAKES ('99) by Schreiner's made quite a contrast with each other, the first being a medium/light blue and the other a vibrant purple.

Willott's MTB, FESTIVE GLOW ('96), added warmth to the garden with its orange standards and maroon falls edged in golden orange. Finally, Dave Miller's SUNRISE SEDUCTION ('98) is aptly named with its lightly ruffled, warm, bright yellow presence enhanced by tangerine beards. Oh yes! I cannot omit Spoon's 1996 introduction, LITTLE JOHN, a pink-lavender which received the Region 4 "Nearpass Award" in 1998.

Many kudos to Nancy and Al Fernandes for allowing us to visit and enjoy their garden.

Irises are a hardy lot, as are the folks who made our stay in Oklahoma City a memorable one. Many, many thanks!

HAWLEY GARDEN

by Lew Begley, Texas

It was just four days after the devastating tornado in Oklahoma City when we visited the Hawley garden in Southwest Oklahoma City. There must have been a lucky charm in the pumping oil well in the back yard that protected this garden from the whirling winds! The irises were beautiful and well grown. The Hawleys have gone to great lengths to replace the red soil on their acreage with top soil from south of the city. Jim Hawley has used compost, then raised his beds, and the growth improvement was spectacular. He uses balanced fertilizer twice a year.

Jim and Maxine Hawley are charter members of the Sooner State Iris Society, and Jim has been president of the society several times. Because of their good growing conditions they have won best of show and sweepstakes ribbons at several of the Sooner State Iris shows.

The beds were well spaced with easy access. Looking good the day of our visit was Joe Ghio's MANDELA ('99), a well branched TB with violet standards tinged white and two toned ruffled violet falls and bright orange beards.

Somewhat similar was SARAH JANE (James '98), with darker violet two toned falls and yellow and white beards. Stevens' TB PAULINE RODERICK ('97) was another with violet standards and falls with white layering. This was well ruffled and also had yellow and white beards.

Schreiner seedling #CC985A had huge ruffled blooms of an even darker violet, hafts white blended and veined with yellow beards. Tom Burseen's SHY STAR ('97) had great branching with six buds of large pink ruffled standards, white falls edged pink and bright orange beards which were white tipped.

Jack Durrance's TB ALPINE TWILIGHT ('96) was another with bright pink standards and mostly white falls with a ruffled violet edging. Bright orange beards blended into the hafts to make a more striking flower. Foliage was bright green and luxuriant. Ensminger's BRINDLED BEAUTY ('94), seen in several other gardens, was a color breaking type with mauve white streaked dark violet in the falls, with orange beards. Branching was sturdy and well balanced. A beauty in every garden.

Nebecker's ZANDRIA ('96) was a real eye catcher with pink standards and bright dark violet falls with huge white round shaped hafts highlighted with electric shock bright orange beards. Dave Niswonger's ALMOST HEAVEN ('97) was beautiful with great branching and eight bud count of mauve-white with slightly darker violet edging on the falls.

Orange and blue beards brightened this beauty.

Schreiners' *DIABOLIQUE* ('97) was well grown with giant blooms of dark wine and excellent ruffling. Don Spoon's *UNCLE CHARLIE* ('99) was a big clump with lots blooms in every garden, which contributed to his winning the Franklin Cook Cup award.

Standards were light violet tinged white with falls slightly darker at the haft area, fading to icy blue white with white violet beards. An excellent grower.

Sterling Innerst's *BEHIND CLOSED DOORS* ('97) was an unusual bloom of peach-pink standards, lighter falls stippled with violet dots and veined haft area with orange beards. Very unusual. Linda Miller's *MTB, ACE* ('99) was a very dark violet/white *plicata* with a central line of violet. Excellent branching and bud count. A really early showpiece in the garden.

Bonnie Nichol's TB seedling #B-12 was another unusual iris. It had light wine standards with yellow at the base, and yellow falls with white, violet and wine edging. It was very ruffled and attractive. George Shoop's *BB HULA HOOP* ('95) also had a distinctive edging of honey brown on light violet standards and the same on white falls. Bright orange beards made this a most unusual border bearded iris.

Rick Ernst's *SPECTRAL CHALLENGE* ('97) was a very bright yellow self with broad rounded falls and yellow beards. A very pleasing symmetry. Maryott's *CORONA GOLD* ('97) had burnt yellow standards, very ruffled and upright, on brilliant white falls with a broad yellow ruffled fringe. Beards were yellow and white.

Innerst's *DOROTHY DAVIS* ('95) was a heavily ruffled apricot and cream with darker edging on the falls and bright yellow beards. Foliage was dark green; blooms were large on well branched stalks. Hooker Nichol's *PARIS DREAMS* ('96) was also well branched and steeped with wine violet standards with creamy white falls heavily edged in darker violet, and very bright orange beards.

Bradshaw's *NEON COWBOY* ('98) had light purple standards over red edged velvet purple falls with white veined purple ovals at the haft and yellow and white beards. It had sturdy branching and good bud count.

Overall, the Hawley garden was very attractive with whimsical cloth figures of crows and good luck charms sprinkled among the beds. The Hawleys have found the secret of growing well the genus iris. Their raised beds and amended soil brought us show bench quality irises in a setting of lush garden foliage—who could ask for anything more? And, sure enough, O*K*L*A*H*O*M*A was certainly OK.

WATSON GARDEN*by Herb Holk, California*

As the bus pulled up to the Watson Garden, there, like a beautiful picture, was a driveway framed by bush crepe myrtles and forsythia. We were met by Mary and Phil Watson, caretakers of this beautiful place, and who, as the day wore on, proved to be fantastic hosts.

Their property had many trees of different kinds. They were large and well cared for which created a very peaceful and relaxing setting. For me, it takes trees to make a home, so I was quite cognizant of the arborvitae, cedars, pines, pecans, sweetgums, elms, and maples. The fresh air blowing through the trees made it an easy visit.

Some of the flower beds were outlined in *nemophila* (baby blue eyes), violas and other companion plants. The iris beds were raised and provided with grassy walkways of ample width to prevent crowding. The plants and their markers were so arranged that each cultivar on display was easy to identify, which is a real plus factor on any garden trek.

Although the bloom appeared to be past its peak and some of the irises had been damaged by rain, hail and the high winds accompanying the tornadoes in the area a few days earlier, the garden was indeed beautiful. On Saturday we were privileged to make a return trip to see many new, undamaged blooms, which helped erase the memory the earlier battered irises. They were all so pretty!

This was a huge master planting which made it difficult to write about all of the varieties in bloom, so I selected some of the cultivars which impressed me:

ARTIC EXPRESS (Gatty '96) was a beauty! It was a large glistening white self including the beard, but on closer examination these beards appeared to be a pale yellow.

MOUNTAIN MAJESTY (Ghio '95) was a very large deep purple self with violet beards. The falls were very wide and nicely ruffled.

CORPS DE BALLET (Hager '98) was an eye catching iris of an unusual pastel blue pink (some would say rich cream) with a striking blue beard ending in a feathered horn. For the Spaceagers, it is different. If you like **THORNBIRD** you will really like this one.

KEIKO'S WORLD (L. Johnson '97) was a glorious dark blue with a small white stripe at the end of the light blue beards.

MOBY GRAPE (Lauer '98) was a large, ruffled red purple self. The beard is different—orange in the throat and then white and purple on the remainder—easy to identify.

QUITE THE REVERSE (Maryott '98) was a different bi-tone violet. The standards and stylearms are a blue violet while the falls are lighter. Beards are blue with white tipped hairs.

BRAZILIAN HOLIDAY (Schreiner '97) is an eye-catching amoena (almost). The standards are lavender icy white and the falls are purple accented by yellow-orange beards.

DIABOLIQUE (Schreiners '97) was a beautiful heavily ruffled red purple self with blue purple beards—a real stand out!

YES (Blyth '95) was a different yellow and white amoena with eye catching tangerine beards.

There were so many other beautiful irises in the garden—more than I can describe in the space allotted. I would suggest that you plan to attend the AIS National convention next year! The gardens are absolutely beyond description. One needs to capture this beauty for oneself. I guess you could say it is *enthraling*. Others who attended would agree, I'm sure.

WOODRUFF GARDEN

By Kitty Loberg, California

Coming from the West Coast, probably the one thing I wasn't expecting in Oklahoma was the beautiful red soil, and Del and Juanita Woodruff's garden showed it off nicely with contrasting wide grass walkways wrapping through their iris beds. My son claimed the soil was brown, but for me, it was definitely brick red. Busses delivered us to the Woodruff garden the first morning after the winds of the nearby tornado, which did some damage to the blooms, yet when I arrived back in this garden two days later, the irises had recovered so nicely you could not tell there had been an earlier problem! Del Woodruff was concerned about the late bloom season, and I was quick to assure him that his gardens were looking very healthy (must have been that "Hu-More" soil additive), or perhaps just the rich red Oklahoma soil!

Del and Juanita have their gardens designed to enhance the home, front to back. Tall bearded irises, Shirley poppies, larkspur, spiderwort, cactus and other succulents were in the front, which was a slightly higher elevation than the rear of the house. The lower elevation in the back had been landscaped to encourage beardless—Siberians, Louisianas, and Spurias. With the late bloom season, we were able to see many Siberians and a few Louisianas in bloom. Two of my favorite SIB's were Hollingworth's **BLUEBERRY FAIR** ('97), and **BAND OF ANGELS**

('96) with its thin, creamy band around the margins of the blue-purple falls; very attractive. Mary Dunn's STOP AND GO ('96), a light rose on yellow LA, had very healthy growth and increase. Many other Louisianas, Siberians and Spurias were just about ready to enter full bloom.

I felt their bearded irises grew well; so well in fact that some of the Boarder Bearded and other medians were growing out of their respective classes. A seedling I liked by Joe Ghio, #93-98J3 was a pretty TB; falls rimmed dark apricot on white with apricot standards. One of the most outstanding clumps of blue irises on tour was PARIS BLUES (M. Dunn '90). KEIKO'S WORLD (L. Johnson '97) was in the front beds, an amazingly tall, huge dark blue TB with a white beard. UNCLE CHARLIE (Spoon '99) was very nice, a ruffled icy blue with darker blue beards and great branching. An unusual color that caught my eye was Virginia Messick's tall bearded, CONSPIRACY ('96)—an iris with a blazing maroon violet flush in the center of the rust falls, ruffled and of good size. My son immediately found the horned TEXAS LONGHORN (L. Barnard '96), with its cream standards and yellow falls with horns tipped in lavender. Although I too liked the horns, I also liked SMILING FACES (Keppel '98) with its standards of white and yellow falls, very flared and ruffled.

Del told me one of his favorite irises was MELTED BUTTER (Fan '94), also with white standards and yellow falls. He liked this particular variety because he felt it had good growth habits, and it was relatively disease free, and the long row certainly exhibited these qualities. Del and Juanita have a very spacious garden set among mulberry and poplar trees and other perennials. Their ponds and rock gardens in the back were a perfect setting for their many varieties of beardless irises, and for visitors to return.

SCOTT GARDEN

by Carla Lankow, Washington

As we entered the garden of Bob and Verna Scott we were attracted to their two story rustic log house. We envied their view from the large front porch overlooking a shaded garden of hostas, heucheras and other shade loving plants. Extending beyond the shade garden were beds for mixed perennials, herbs, irises and daylilies. These beds tied together the four ponds with their water gardens. Large daylily seedling beds spread throughout the 12 acres of land made it obvious that the garden was preparing for the National Hemerocallis Society Convention the

following month. The six commercial greenhouses covered 3,000 square feet and contained both sun and shade plants including a great variety of hostas and daylilies. The helpful and friendly Scotts with their staff found time to answer our questions and direct us around this large garden. We were tempted to hop into one of their many golf carts to visit the outer fields, but we were drawn to the large clumps of irises in the guest beds.

The guest irises were growing very well and at least four clumps had 15 to 20 increases with more than 10 bloom stalks. They were BRAZILIAN HOLIDAY (Schreiner '97) with white standards and plum red falls and showy gold style arms, I'VE GOT RHYTHM (Schreiner '98) a cream ground raspberry plicata, DIFFERENT APPROACH (Innerst '92) a peach and lavender blue bicolor and OMINOUS STRANGER (Innerst '93) a pale cream with soft plum rims. Another good grower was Tom Burseen's 1995 introduction HUNK, a big bi-tone blue with about ten increases. Brad Kasperek came through with two broken color flowers with his KING TUSH (Kasperek '97) a coral peach with white splashes on the falls and his TANZANIAN TANGERINE (Kasperek '95) a well formed flower with tangerine standards and lighter orange falls splashed with brick red. Two seedlings caught our fancy. The first one was a Walter Moores seedling 92-26C with fifteen increases and six stalks. White standards and violet falls were accented with a white speckled pattern on the upper falls. Finally there was Jack Norrick's MTB seedling 90-9A. The three stalks in bloom with their excellent cantilever branching had well placed dainty flowers. The yellow standards were in contrast with the yellow rimmed violet falls.

There was a large private planting of irises behind the guest iris beds. Such things as RHONDA FLEMING (Mullin '93), COLETTE THURILLET (Cayeux '90) and EDITH WOLFORD (Hager '86) were looking great. Many of these were Schreiner's classic irises, both old and new, such as SILVERADO, CARTE BLANCH, SUPERSTITION, DUSKY CHALLENGER and HONKY TONK BLUES. Looking lovely in a mixed perennial bed with peonies, poppies and Texas Bluebonnets, these irises also were grown very well.

Bob Scott is a well known hybridizer of the Topgun series of daylilies. It is too bad we could not be there in another month to see the daylilies as well as the irises. It would have been nice if we had more time to wander through the greenhouses and explore the outer fields in one of Bob's golf carts. However it was time to head back to the bus past the giant tropical crinum lily that had greeted us when we entered the garden. Maybe next time!

PARRISH GARDEN

by Tom Abrego, Oregon

Our visit to the garden of Perry Parrish was a welcome stop on a hot Oklahoma afternoon. This garden is really a collaborative effort involving Perry, Betty Skrapka and her late husband A.J. The Skrapka property is five acres and one's immediate impression is of room and comfort. All of the plants in the garden, iris, daylilies, peonies and other perennials, were well-grown and relatively healthy. It was immediately obvious that some very talented gardeners were involved with the design and maintenance of this garden.

Bradford pear trees provided shade on our entrance to the garden. The first guest planting fronted an inviting gazebo. A statue of a one-armed mermaid greeted visitors to this area. Other statuary was discretely placed throughout the garden. An eagle here, an owl there, this statuary followed an avian motif.

Two variegatas stood out in the large planting of MTB's: PARDNER (Fisher '93), a honey gold and red with a honey ring on the falls, and FESTIVE GLOW (Willott '96). With bright orangish yellow standards and deep brownish red falls rimmed with yellow, it is particularly well-named. Two Border Beardeds also stood out: SONJA'S SELAH (Ensminger '89), a ruffled pink amoena and LOW SPIRITS (Keppel '94), with reddish violet standards and velvety purple falls.

There were a number of excellent Tall Bearded guests: LONG'S PEAK (Durrance '94), a grape purple with a silvery wash on the falls; ANNE MURRAY (Moller '96), a tall well-branched blue-violet; BALTIC STAR (Stahly '94), a deep blackish purple with a light wash on the falls; BLACK BUTTE (Schreiner '99), a ruffled obsidian black; RARE QUALITY (Schreiner '99), a deep purple plicata; BLUE JAY WAY (Lauer '98), a ruffled blue; NIGHT GAME (Keppel '96), a velvety black bitone; WATERDRAGON (M. Smith '98), a heavily ruffled blue; and RHONDA FLEMING (Mullin '93), a lusciously ruffled and laced lilac. Hooker Nichols' medium yellow seedling #9216C showed well, as did Ron Mullin's well-branched pale blue #631.

Tucked behind the gazebo was an excellent example of *I. pseudacorus*. Many of the non-guest iris beds were arranged by hybridizer. DUSKY CHALLENGER (Schreiner '86) showed the qualities that earned its Dykes Medal. A stroll to the back of the property included visits to more iris guest beds, daylily guest beds and even more plantings of iris and daylilies. The ultimate destination was the yet-to-be landscaped "catfish"

pond at the far back of the property. Catfish ponds themselves do not seem to be too interesting, but water features are certainly assets in the garden and this large pond shows definite potential.

The long walk back (under the quizzical watch of a group of neighboring horses) led straight to the sanctuary of the refreshment area on the rear patio. It was here that the most remarkable discovery was made, and no, it did not involve chocolate. Peonies and iris were used very effectively as foundation plantings all around the house. Just off the patio was an absolutely magnificent clump of SIGH AND WHISPERS (Black '90)! Its growth was robust and vigorous, and its blue amoena flowers effusive. This was definitely one of the best clumps of iris seen in any of the tour gardens. What a joy!

And what a joy it was to visit this garden. It is well-designed, tastefully decorated, and all the plants well-grown.

REX MATTHEWS GARDEN

by Fran Evers, Colorado

The Rex Matthews Garden is located in a lovely historic district of Oklahoma City. As the buses unloaded in front of the beautifully restored two-story cream and brown house, guests were met by a sign announcing the Linwood Place award of "Home of the Month." There is a parkway in the center of the street. In times past, this was the a street car route and has been converted into a grassy and treed area. No part of this parkway stands out like the section in front of Dr. Matthews' house. Like so many irisarians and passionate gardeners whose appetites for more varieties of iris and other plants exceed the gardening space available, Dr. Matthews just couldn't let the available area in the parkway go to waste. This was the location of the convention guest iris. Although somewhat past peak bloom there were several that were blooming and worthy of note. There was a mixed perennial bed in the center with the guest iris beds located on ends of this bed.

In the first bed, SOMEWHAT QUIRKY (MTB, Probst '92) was performing well with its yellow standards, violet veined falls and yellow beards. Another nice MTB was STIPPLED LADY (Norrick '96) which was a white based plicata peppered violet with yellow beards. PIZZICATO (TB, Spoon '99) had numerous bloom stalks showing off its ruffled medium blue lavender self with darker blue lavender beards. Schreiner's seedling #CC1318-1 (TB) was a good example of the dark purple with red beard color that is so popular. The falls are just a little lighter than the standards. Another Schreiner TB that was just coming into

bloom was CHINA MOON ('98). The plant looked very healthy which is notable for an orange iris.

The middle bed was full of mixed perennials including some lovely peonies. The daylilies in this bed were coming along nicely and the daffodils and tulips, although finished blooming, must have been lovely earlier in the season. Antique irises also were prevalent in this planting.

PRINCE GEORGE ('97) by the late George Shoop was a standout in this bed. This was a striking TB with deep blue falls, almost white standards and a tangerine red beard. Hedgecock's NORTH POLE (TB, '95) was a cool blue bi-tone with ruffles and lace. Pale blue white standards and medium blue falls were set off by near white beards. PUMPKIN FEST (TB, '98), also by Hedgecock, appeared to be another healthy orange although it was well past peak bloom. Ron Mullin's TB seedling #413M demonstrated excellent plant health with nice straight stalks. It was a ruffled medium violet with blue beards. SUDDEN IMPACT (TB, Tasco '97) was a real standout with terrific plant health, increase, and bloom stalks. It was a heavily ruffled medium blue with lighter blue beards and reflected characteristics from both its parents—Dusky Challenger and Ruffled Goddess. CELTIC HARP (Stahly '98) was another healthy, good growing ruffled cadmium orange TB. VAIL (Moller '97) was an eye catcher with its vibrant yellow gold beards contrasting against the white flowers displayed on numerous stalks. One spaceager that was performing well was Sutton's ALABASTER UNICORN ('96). What a perfect name for this ruffled white TB with its white horned yellow beards! Kegerise had a very pretty apricot orange TB seedling #91-1213. DIRTY DEVIL CANYON (TB, Durrance '94) was also worthy of note with its yellow standards and red overlaid and striped yellow falls edged yellow. The border bearded VERY VARIED (Ensminger '93) was "color breaking" its royal purple with streaks of white. The companion plantings of dianthus and violas in this bed were lovely and set off the irises nicely.

After finishing with the guest beds there was time to wander over to the gardens surrounding the house. These beds were planted with irises and other perennials. OZARK SKY (MTB, Fisher '90), alavender blue and white plicata, was blooming nicely in the front of the house. Every garden needs an elf riding a dolphin with water coming from the dolphin's mouth to create a pond. The pond had some very interesting crystal glass rocks around it in a beautiful shade of turquoise. ENCHANTING (Hamblen '87), with pink standards infused violet, rose violet falls infused with blue violet blaze below red purple beard; SKIPALONG (Ghio '96) marbled and speckled rose and white; GENTLE SHEPHERD (Tompkins '87), bright yellow with china blue washed center in falls;

HOLY NIGHT (K. Mohr '83), ruffled velvety deep violet purple; and BIG DIPPER (O. Brown '81), ruffled and fluted light yellow, were all lovely TBs.

The gardens at the rear of the house were home to the beardless irises including Spurias, Siberians, and Louisianas along with a wonderful collection of hostas. Various garden statuary included a metal Kokopeli in the beardless iris garden and two frogs holding an umbrella and sitting on a bright yellow love seat in the hosta area. A Mexican clay St. Francis along with other Mexican garden art work was in or around the gazebo at the back of the garden.

Strolling from the back to the front some additional TBs presented themselves. SMART MOVE (Keppel '95), blended rose tan; SWINGTOWN (Schreiner's '96), mulberry claret with blue purple beards; HOSTESS ROYALE (Blyth '94/'95), peach with white around tangerine beards; HAUTE COUTURE (Gatty '96), peachy pink with red beards; TOM JOHNSON (Black '96), purple black with red orange beards; and SHIRLEY M (Kegerise '95), pale pink with light blue beards, were all doing and blooming well. The two Schreiner's TBs DELTA BLUES ('94), heavily ruffled light blue, and AROUND MIDNIGHT ('95), purple/black bi-tone, were both a credit to their hybridizer.

As the whistle blew to return to the bus and move to the next garden, the Siberian WALL STREET BLUES (Aitken '95), mid blue with small lighter signal area; and Mahan's wonderful MTB REMINISCENCE ('94), violet and plum purple bi-tone, waved good bye.

JONES GARDEN

by Nyla Hughes, Missouri

Helen Jones' garden boasted some of the best grown and fullest blooming irises we saw in Oklahoma City. Her T-shaped garden obviously benefited from a little more wind protection and a little less hail than other locations!

A cheery row of dianthus greeted visitors who filed down the drive and turned left—to be greeted by giant irises painted on a tall wooden privacy fence overlooking the guest beds. Healthy clumps of irises were planted alphabetically by hybridizer in a series of curving beds planted two deep, to make viewing from the mulched paths easy for crowds. Helen says she played classical music tapes for the irises as she planted them to get them to grow, and it must work!

Under the canopy of a wide spreading hackberry, tree grateful Louisianas appreciated a bit of noonday shade—and so did visitors! While

most Louisianas were still in bud, Rilla Hickerson's seedling 92-1-1 was a pretty pink-toned red-violet, and Dorman Haymon's 56-2 was a nicely rounded light lavender. A stunner even in the shade was the Shepards' PUMPKIN CHIFFON (2000) in an amber-orange-russet blend with lighter edges and a small signal.

Two median beds at the far end of the garden, open to viewing from the street, still gave a hint of some lovely things that had been at peak a week or more earlier. MTB SARA'S LOVE (Varner '94) drew attention with its delicately flared white flowers. Probst's MINI WABASH ('96) was nicely budded and growing well. Helen reported that the SDBs and IBs "were lovely" but we missed them. Helen's personal favorite was Bonnie Nichols' IB seedling B-15, white standards with deep blue-violet plicata falls, (accidentally listed as a TB in the very well done and helpful Convention Booklet). Classic BB SONJA'S SELAH (Ensminger '89) was charming as always in white and pink. Famous luminata LOW SPIRITS (Keppel '94) was in bloom, noted as "purple with peach". (Can I trust my notes—or even read them?!)

But the TB's were clearly the feature attraction. SMILING FACES (Keppel '98) was a standout here, as everywhere else, in a sparkling white and lemon-pie yellow (the home-made kind with glowing color!), replete with ruffles, flared form, and personality.

Joe Gatty's ARCTIC EXPRESS ('96) was an extra-large clump with enormous, bubble-ruffled white flowers, and a heavy bloomer besides. PETTICOATS AND LACE (Hedgecock '95) was appropriately named in pink and white, and showing abundant bloom.

Schreiner's nice clump of COLOR ME BLUE ('98) definitely was, with gold deep in the throat. Lightly ruffled SPLASHACATA (Tasco '98) was an eye-catcher with light blue violet standards over purple falls speckled white, and interesting purple based foliage. Jack Worel's AMERICA'S SONG ('94) was also lightly ruffled, light blue with bright blue beards, with healthy foliage and a sizable clump.

Another impressive clump was the SMOOTH MOVE ('98) Lynda Miller has come up with: lavender over purple with a gold beard and a nicely formed, flared bloom. David Miller's entry, EVER ANEW ('98), in a red-magenta with sparkling tangerine beards and nicely ruffled, was also growing well. Hooker Nichols' VEGAS WEEKEND ('99) had the bright lure of gold, flaring form, and a nicely developed clump. Several of his seedlings seemed to be doing well and showed appealing BOOGIE WOOGIE form. Particularly noted were 9517A, a light blue-violet with falls banded lighter; 9535A, ruffled red with gold beards; 9543A, pink standards

with lavender midrib over purple falls, standing up to the wind well.

Netted hafts, once the bane of hybridizers, are being used interestingly by several hybridizers. Good examples were Bradshaw's NEON COWBOY ('98) in a dark wine with good bud count, and Lange's 19-89-23, a large ruffled purple with white-netted hafts. The shoulders were also a major attraction on Jameson's gold-touched WHIPPED HONEY ('96), an outstandingly heavy bloomer.

Softly pretty were Ensminger's SINGS SO SOFTLY ('97), a light blue-pink with orchid falls highlighted by red beards; Willott's seedling w95-208, a ruffled peach with tangerine beards, and Barnard's ORANGE ALA MODE ('97), white over peach. A little more sparkly was DIAMOND LIL (Lauer '98), an airplane-flared, ruffled white with red beards tipped white.

Aitken's TAN MAN ('96) was standing tall and looking good. Keppel's NIGHT GAME ('96) caught my attention in sultry black with its rust beards. Another interesting dark one I hadn't seen before was Hal Stahly's BALTIC STAR ('94), black over falls rimmed black with a lighter flare in the center.

Several otherwise appealing clumps or individual stalks seemed to have succumbed to the Oklahoma winds—which did seem to blow constantly. It was apparent that many bloomstalks in various gardens were shorter than usual due to the excruciating drought Oklahoma had suffered. This also seemed to make buds "cluster" abnormally at the top of bloom stalks. It would be interesting to see if the sufferers overcame these flaws under better conditions. (People who garden in Oklahoma have my admiration for courage, persistence, and skill. I don't think I'd have anything still alive, let alone blooming!)

A quick trip by the refreshment table for a delicious bite, a too quick peek into Helen's back yard jeweled by coreopsis and some of her favorite irises, and I now understand why every commentary always ends "there just wasn't time to see it all"!

WILL ROGERS PARK

by Shirley Trio, California

On May 3rd I boarded a plane in Sacramento, looking forward to the AIS Convention in Oklahoma. After a three and one half hour flight, and an hour layover in St. Louis, we headed south into the fun. In St. Louis we were informed that our flight would be delayed by at least three hours due to "weather". *Understatement of the year!* Finally in flight, the pilot told us to strap in for some bumps. Those "bumps" were so bad

some people became ill. I had a window seat that allowed me to see to the west. Soon we began to see lightning as I had never seen it before. It shot straight up and down, sliced diagonally, and great spears went horizontally for miles. Being a native Californian, this was a rare phenomenon for me. The captain assured us the storm was thirty miles away. As it was dark, I had no way of knowing that I was watching the granddaddy of all tornadoes.

After we landed safely and I reached the convention hotel, I heard a strange roaring sound and went to investigate. I was told it was hail but I couldn't believe it. Those were one inch ice balls!. Again, in California we don't experience such things. I was very worried for our iris friends and their safety.

Although damage in the Oklahoma area was extensive, the iris gardens we visited suffered little. Some shredded irises here and there, but by Thursday there were new blossoms open.

One of the most spectacular gardens was the Will Rogers Memorial Park. When we arrived the dew was still sparkling on the grass. The first thing we saw as we left the bus was the seven or eight foot tall iris carved from wood (photo: back page of the July *Bulletin*).

There were hundreds of irises in bloom in this garden, with little time to evaluate them all. However, the highlights for me were as follows. DEBBIE REYNOLDS (Schick '91) was a luscious clear pink, with good substance, good ruffles, well branched with good increase; a tribute to its namesake. An iris that is everything a good iris should be is ANNE MURRAY (Moeller '96). It had good branching and was lovely in light blue; almost white overall. It appeared to have a long bloom time, probably close to a month. There were four huge open blooms, two yet to open and three already finished. Top it off with pleasing fragrance and it had it all. Not to be outdone as a season extender was Lauer's FAN FLARE ('98), with three buds per socket, all in various stages of development, insuring blooms over a long season. The color was unusual in brown, reds and lavenders. The clump was large for being only two years old.

Don and Ginny Spoon's Winterberry Garden had sent some real beauties. Don has a winner with LITTLE JOHN ('96). From the name I expected to see an SDB or maybe an IB, but we were treated to a large and tall confection of lavender and pink. Absolutely gorgeous. The lavender stylearms are sure to be a hit. My want list became longer. And it grew some more when I saw WILD WINGS (Keppel '99), dark violet standards, black flaring falls with a fat brick red caterpillar for a beard. It also had good branching and strong stalks with good increase.

ACE (Miller '99), a purple and white plicata MTB, was looking good. We see very few MTB's in California. For some reason they don't care for our mild winters and hot dry summers.

Several Louisianas were in bloom, enjoying a little shade so the colors were exceptionally vibrant. CAJUN SUNRISE (Mertzweiller '93) was outstanding. Most notable were the shocking yellow stylearms. The red falls were surrounded with the same shocking yellow. Another addition to the want list!

Anyone who has not seen DARK PASSION (Schreiner '98) is missing something. The flowers are not large, but the deep black color, the silky smoothness, and fantastic grape fragrance more than make up for size, and the blooms are proportionate to the plant. Another Schreiner child caught my eye, SUGAR MAGNOLIA. Introduced in '98, I saw it first in Denver with snow on it. I was impressed with the clear color of pink in the falls and the pure crystalline white of the standards—a good garden plant.

The seedlings were numerous. Evelyn Kegerise's seedling #92-1329-A was one for future consideration. It was very dainty with lavender standards (almost white) in perfectly closed dome, and standards the same lavender white sporting a touch of lace. TORCHED WITCH is a bright, burning orange Linda Miller seedling scheduled for release in 2000.

My very favorite seedling this year was #B-1 by new hybridizer Bonnie Nichols. The bloom was the prettiest I had seen all spring, and I saw a lot. I would be curious to know if Dykes winner CONJURATION may be in its pedigree. The lovely thing had three branches, nine to ten buds, and stood approximately thirty eight inches tall. Standards were white with a pale lavender flush deepening at the laced edges. Falls were white at the hafts with magenta veins that widened into magenta falls, edged lavender. Beards were red. Very nice and colorful.

The garden wasn't just irises. Interspersed throughout the plantings were vibrant red and blue verbena, sunflowers galore, bachelor buttons, and rose colored achilla dotted the landscape. Lilies and Hollyhock were everywhere. The pungent fragrance of sage harmonized with the sweet aromatic scent of star jasmine. The red salvia was an asset to the gray-green foliage of the irises.

If the opportunity presents itself, plan a visit to the Will Rogers Park. If the irises are gone, sit on a bench and watch the Mallards swim lazily down the clear, clean stream that flows past the garden; take a minute to reflect on all the beauty this world has to offer if we just look around.

Thanks to all of you in Oklahoma who made this convention a wonderful success. 

Award Banquet

Presentation of 1998 Awards at 1999 Convention



Fran Evers, Region 20 RVP (left), and David Miller, (center), present new Franklin Cook Cup to AIS.



Ginny Spoon receives Franklin Cook Cup for "Best Out of Region Iris", UNCLE CHARLIE (photo: July AIS Bulletin, inside front cover).



Ron Mullin receiving the President's Cup for "Best In-Region Iris", RHONDA FLEMING.



Ron Mullin confides a strategy for winning In-Region award: "Export the other hybridizers."



David Schreiner receives Wister Medals for HELLO DARKNESS and YAQUINA BLUE from Vice President Jeane Plank.



Ken Fisher receives Williamson-White Medal for STRIPED PANTS.



George Lankow receives Hans and Jacob Sass Medal for CEE JAY.



Anna Mae Miller receives the Morgan-Wood Medal for FROSTED CRANBERRY.



Bennett Jones receives the Sidney B. Mitchell Medal for PACIFIC RIM.



Terry Aitken receives W. A. Payne Medal for BUTTERFLIES IN FLIGHT.



Keith Keppel receives the Walthor Cup (most HM votes) for PROTOCOL (IB).

AIS Awards

1999

Dykes Memorial Medal

HELLO DARKNESS (Schreiner's), 113 votes (photo: front cover)

runners up:

ACOMA (T. Magee), 73 votes

YAQUINA BLUE (Schreiner's), 72 votes

votes **John C. Wister Memorial Medal** (Tall Bearded)

90 STAIRWAY TO HEAVEN (L. Lauer)

88 BOOGIE WOOGIE (H. Nichols)

78 RHONDA FLEMING (R. Mullin)

runners up:

70 MESMERIZER (M. Byers), 64 CELEBRATION SONG (Schreiner's)

Caparne-Welch Medal (Miniature Dwarf Bearded)

59 TOOTH FAIRY (B. Jones)

runners up:

39 ELFIN MAGIC (A.&.D. Willott),

35 LITTLE RASCAL (J.&.L. Fry), 35 PIXIE FLIRT (A.&.D. Willott)

Cook-Douglas Medal (Standard Dwarf Bearded)

51 PELE (T. Aitken)

runners up:

48 STARBABY (M. Smith), 32 TWEETY BIRD (P. Black)

Hans and Jacob Sass Medal (Intermediate Bearded)

66 PRINCE OF BURGUNDY (D. Niswonger)

runners up:

57 DARK WATERS (T. Aitken), 57 SMITTEN KITTEN (T. Aitken)

Knowlton Medal (Border Bearded)

80 PETITE BALLET (K. Keppel)

runners up:

73 MAUI MAGIC (T. Aitken), 70 APRICOT FROSTY (D. Niswonger)

Williamson-White Medal (Miniature Tall Bearded)

62 BILLIE THE BROWNIE (J. Burton)

62 PRETTY QUIRKY (A. Probst)

runners up:

50 PAYOFF (J. & V. Craig), 33 OZARK JEWEL (K. Fisher)

Clarence G. White Medal (Aril— $\frac{1}{2}$ or more Aril)

41 QUEEN SHEBA (H. Shockey)

runners up:

31 SERAPH'S JEWEL (H. Shockey), 26 BRONZE FALCON (L. Danielson)

William Mohr Medal (Aril— $\frac{1}{4}$ to less than $\frac{1}{2}$ Aril)

20 PATRIOT'S GEM (F. Gadd)

runners up:

19 MAGNIFICENT OBSESSION (S. McAllister)

18 DESERT MELODY (L. Flanagan), 18 SILENT TEARS (L. Peterson)

Mary Swords DeBaillon Medal (Louisiana)

46 PROFESSOR NEIL (J. Mertzweiller)

runners up:

43 COUP D'ETAT (M. Dunn), 28 C'EST FANTASTIQUE (M. Dunn)

Sydney B. Mitchell Medal (Californicae)

22 CHIEF SEQUOIA (J. Weiler)

runners up:

12 EARTHQUAKE (J. Ghio), 12 FOOTHILL BANNER (L. Lawyer)

Morgan-Wood Medal (Siberian)

126 ROARING JELLY (Schafer/Sacks)

runners up:

50 CONTRAST IN STYLES (Hollingworth), 44 SNOW PRINCE (S. Tiffney)

Eric Nies Medal (Spuria)

30 SULTAN'S SASH (D. Niswonger)

runners up:

29 HIGHLINE SNOWFLAKE (E. McCown)

28 ILA REMEMBERED (B. Hager)

J. A. Payne Medal (Japanese)

24 GEISHA OBI (L. Rich)

runners up:

22 PICOTEE PRINCESS (L. Reid), 16 JOY PETERS (W. Ackerman)

Walther Cup (Most HM votes in all categories)

125 DIABOLIQUE (Schreiner's)

runners up:

112 CROWNED HEADS (K. Keppel), 106 BRAGGADOCIO (K. Keppel)

Award of Merit*Tall Bearded*

180 FANCY WOMAN (K. Keppel)

129 POND LILY (E. Jones)

123 JURASSIC PARK (L. Lauer)

98 BEWILDERBEAST (B. Kasperek)

87 TANZANIAN TANGERINE (B. Kasperek)

79 DAWNING (J. Ghio)

76 MELTED BUTTER (C. Fan)

67 NIGERIAN RASPBERRY (B. Kasperek)

63 BRINDLED BEAUTY (A. Ensminger)

60 ROSALIE FIGGE (J. McKnew)

59 PRETTY IS (R. Mullin)

59 TOASTED WATERMELON (J. Hoage)

58 FROSTING (J. Gatty)

58 HOTDOGS AND MUSTARD (K. Kasperek)

58 QUEEN OF ANGELS (Schreiner's)

57 PACIFIC DESTINY (L. Lauer)

57 SWING AND SWAY (V. Messick)

56 PURE AS GOLD (Maryott's)

55 GOLDKIST (P. Black)

55 GREAT GATSBY (J. McWhirter)

55 NORDIC ICE (H. Shockey)

54 CRANBERRY DELIGHT (T. Aitken)

54 LADY JULIET (H. Nichols)

runners up:

51 HALO IN GOLD (D. Niswonger)

49 GOOD LOOKING (Schreiner's)

49 FOOTLOOSE (Schreiner's)

49 WAR CHIEF (Schreiner's)

Border Bearded

71 CRANAPPLE (T. Aitken),

runners up:

66 PEACH ICE CREAM (C. Lankow),

68 LEMON UP (T. Magee)

63 CALICO KITTEN (C. Tompkins)

Intermediate Bearded

52 BOLD STROKE (E. Jones),

runners up:

51 PRISM (M Smith),

52 MAGIC BUBBLES (A. & D. Willott)

50 AURORA'S BLUSH (A. & D. Willott)

Miniature Tall Bearded

235 BANGLES (L. Miller),

runner up:

73 SNICKERDOODLE (O. Wulf)

130 STEFFIE (K. Fisher)

Standard Dwarf Bearded

- | | | | |
|----|------------------------------|----|--------------------------------|
| 71 | HOTTENTOT (M. Smith) | 44 | PEACH PETAL PIE (D. Niswonger) |
| 49 | BALLET LESSON (D. Niswonger) | 39 | DARK RINGS (J. Gatty) |
| | runners up: | | |
| 38 | IRISH MOSS (B. Jones), | 38 | SERENDIPITY ELF (D. Niswonger) |
| 38 | PIRATE'S PATCH (P. Black) | | |

Miniature Dwarf Bearded

- | | | | |
|----|------------------------|----|------------------------|
| 65 | SCRUPLES (L. Miller), | 51 | PINK BLINK (T. Aitken) |
| | runners up: | | |
| 49 | SQUIGGLES (L. Miller), | 37 | ROBIN'S EGG (D. Sindt) |

Aril— ¼ to less than ½ Aril

- | | | | |
|----|------------------------------------|----|-------------------------------|
| 59 | KALIFA'S HORN (R. Annand) | | |
| 21 | OLD FASHIONED GIRL (S. McAllister) | | |
| | runners up: | | |
| 17 | IN TOTO (C. Boswell), | 12 | DREAM CATCHER (S. McAllister) |

Aril— ½ or more Aril

- | | | | |
|----|-------------------------------------|----|-----------------------|
| 27 | LANCER (H. Shockey), | 18 | ANACRUSIS (H. Mathes) |
| 17 | ATTEN (H. Shockey) | | |
| | runners up: | | |
| 16 | OMAR'S VALOR (C. Boswell) | | |
| 13 | ENGRAVED INVITATION (S. McAllister) | | |

Louisiana

- | | | | |
|----|---|----|-----------------------|
| 36 | PRALINE FESTIVAL (D. Haymon), | 24 | GEISHA EYES (C. Army) |
| | runners up: | | |
| 23 | PROFESSOR MARTA MARIE (J. Mertzweiller) | | |
| 22 | ROKKI ROCKWELL (D. Haymon) | | |

Californicae

- | | | | |
|----|----------------------------|----|------------------------------|
| 13 | SEA GAL (L. Belardi), | 12 | NATIONAL ANTHEM (J. Ghio) |
| 12 | WILDER THAN EVER (J. Ghio) | | |
| | runners up: | | |
| 9 | MANTRA (J. Ghio), | 5 | BLUE MOMENT (D. Meek) |
| 5 | LA SELVA BEACH (J. Ghio), | 5 | SAN LORENZO VALLEY (J. Ghio) |
| 5 | WHAT'S WHAT (J. Ghio) | | |

Siberian

- | | |
|-----|-----------------------------------|
| 181 | STRAWBERRY FAIR (R. Hollingworth) |
| 118 | LAKE KEUKA (D. Borglum) |
| | runners up: |
| 55 | MESA PEARL (J. Coble/R. Bauer) |
| 50 | HARPSWELL SNOWBURST (C. McEwen) |

Species

- 35 MARVELL GOLD (J. Waddick)
 30 ARCTIC REBLOOMER (Carla Lankow), 30 ILLINI FOUNTAIN (S. Varner)
 runner up:
 22 CASCADE CREME (L. Reid)

Inter-Species

- 51 AQUATIC ALLIANCE (L. Reid)

Spuria

- 78 MISSOURI SPRINGS (D. Niswonger), 43 SONORAN SKIES (F. Wickenkamp)
 runners up:
 28 ZAMBOANGA (B. Hager), 27 SUNRISE IN SONORA (F. Wickenkamp)

Japanese

- 22 INK ON ICE (T. Aitken), 22 RASPBERRY GLOW (T. Aitken)
 runners up:
 19 CASCADE SPRING DRESS (L. Reid)
 16 EPIMETHEUS (S. Innerst), 16 PINK DACE (Jill Copeland)

Honorable Mention*Tall Bearded*

- | | | | |
|-----|----------------------------------|----|----------------------------------|
| 125 | DIABOLIQUE (Schreiner's) | 51 | BRAZILIAN HOLIDAY (Schreiner's) |
| 112 | CROWNED HEADS (K. Keppel) | 50 | DYNAMITE (Schreiner's) |
| 106 | BRAGGADOCIO (K. Keppel) | 49 | PICANTE (J. Ghio) |
| 105 | GOOD VIBRATIONS (Schreiner's) | 47 | HIPPO'Z TUTU (B. Kasperek) |
| 82 | OWYHEE DESERT (L. Pinkston) | 46 | FASHION STATEMENT (J. Gatty) |
| 71 | CHAMPAGNE FROST (K. Keppel) | 45 | PACIFIC CLOUD (L. Lauer) |
| 70 | POEM OF ECSTASY (B. Hager) | 45 | WARM MEMORIES (R. Mullin) |
| 67 | RUTH BLACK (P. Black) | 44 | DANCE HALL DANDY (Maryott's) |
| 66 | SEAKIST (Schreiner's) | 43 | NORTHWEST PROGRESS (Schreiner's) |
| 58 | CAN CAN DANCER (L. Lauer) | 43 | SLY FOX (V. Wood) |
| 58 | PRINCE GEORGE (G. Shoop) | 42 | ALMOST HEAVEN (D. Niswonger) |
| 57 | CHINESE NEW YEAR (J. Ghio) | 42 | BLONDE BOMBSHELL (J. Ghio) |
| 57 | COLOR ME BLUE (Schreiner's) | 41 | DAY GLOW (K. Keppel) |
| 57 | LITTLE JOHN (D. Spoon) | 41 | DOROTHY DAVIS (S. Innerst) |
| 56 | ART DECO (Schreiner's) | 40 | KING TUSH (B. Kasperek) |
| 56 | VALENTINE'S DAY (V. Wood) | 37 | FJORD (R. Nelson) |
| 55 | PHAETON (M. Smith) | 37 | MACARENA (V. Messick) |
| 55 | SUDDEN IMPACT (R. Tasco) | 37 | WINNING EDGE (J. Ghio) |
| 54 | BOYSENBERRY BUTTERCUP (L. Lauer) | 36 | PEIGNOIR (L. Markham) |
| 54 | KENTUCKY WOMAN (Schreiner's) | 36 | SELECT CIRCLE (J. Ghio) |
| 52 | ELECTRIC SHOCK (V. Messick) | 36 | TOUCHED BY ANGELS (W. Maryott) |
| 52 | LYME TYME (V. Messick) | 36 | ZEBRA HALO (B. Kasperek) |

- | | | | |
|----|----------------------------------|----|--------------------------------|
| 35 | BUGLES AND HORNS (G. Sutton) | 29 | HOLLY GOLIGHTLY (J. McWhirter) |
| 35 | I'LL FLY AWAY (L. Michel) | 29 | PURPLE PLEASER (E. Lineberger) |
| 34 | BUGLEBOY BLUES (G. Sutton) | 29 | ZEPHERINA (Maryott's) |
| 34 | CRANBERRY COOLER (R. Dunn) | 28 | LIMA (J. Ghio) |
| 34 | HELEN COCHRAN (J. McWhirter) | 27 | CLASSIC BORDEAUX (R. Ernst) |
| 34 | TAN MAN (T. Aitken) | 27 | GLAD CHOICE (J. Pierce) |
| 33 | ENHANCEMENT (J. Ghio) | 27 | HUCKLEBERRY FUDGE (J. Gibson) |
| 33 | MARIAH (Schreiner's) | 27 | LETMENTERTAINU (T. Burseen) |
| 33 | SPIN DOCTOR (M. Davis) | 27 | MANGO TANGO (J. Ghio) |
| 32 | CITRON FROMMAGE (F. Rogers) | 27 | PERFECT GIFT (K. Keppel) |
| 32 | SNOW SHOES (M. Osborne) | 27 | RICH MAN (E. Lineberger) |
| 31 | DEAR JEAN (F. Kerr) | 27 | WALKARA (H. Ames) |
| 31 | FIVE O'CLOCK WORLD (R. Nelson) | 26 | BYE BYE BLUES (G. Sutton) |
| 31 | RAKU BLAZE (T. Aitken) | 26 | CONSPIRACY (V. Messick) |
| 31 | ROGUE (J. Ghio) | 26 | CORONA GOLD (W. Maryott) |
| 31 | VELVET UNDERGROUND (L. Lauer) | 26 | FOREVER IN LOVE (C. Mahan) |
| 30 | ALABASTER UNICORN (G. Sutton) | 26 | HELEN LEADER (S. Innerst) |
| 30 | CHOOSE A JUICE (T. Burseen) | 26 | SCREEN PLAY (K. Keppel) |
| 30 | CIRCUS CIRCUS (G. Sutton) | 26 | SUNKIST DELIGHT (D. Niswonger) |
| 30 | RASPBERRY CHEESECAKE (P. Dickey) | 26 | WHIPPED HONEY (M. Jameson) |
| 29 | EMPEROR'S DELIGHT (Schreiner's) | | |

runners up:

- | | | | |
|----|--------------------------------------|----|----------------------------|
| 25 | DIME A DANCE (M. Boro), | 25 | SOMBRERO WAY (Schreiner's) |
| 25 | MORSE CODE (L. Miller), | 25 | WINGS OF PEACE (G. Sutton) |
| 25 | MODERN MAJOR GENERAL (A. Feuerstein) | | |

Border Bearded

- | | | | |
|----|----------------------------|----|------------------------------------|
| 57 | APRICOT TOPPING (P. Black) | 41 | ROMANTIC INTERLUDE (T. Varner) |
| 43 | EMU ZING (B. Kasperek) | 40 | BRIGHTEN THE CORNER (A. Ensminger) |
| 42 | FRIDAY BLUES (C. Lankow) | | |
| | runners up: | | |
| 39 | INDIGO DOLL (C. Lankow) | 35 | CASCADING RAINBOW (P. Black) |

Intermediate Bearded

- | | | | |
|----|----------------------------|----|--------------------------|
| 80 | GNU RAYZ (B. Kasperek) | 61 | COUNTRY DANCE (E. Jones) |
| 73 | FRUIT COCKTAIL (K. Keppel) | 59 | GALWAY (K. Keppel) |
| 72 | FATHOM (M. Smith) | 57 | TANTRUM (K. Keppel) |
| | runners up: | | |
| 55 | GEISHA (M. Smith) | 53 | DONEGAL (K. Keppel) |

Miniature Tall Bearded

- | | | | |
|----|-------------------------------|----|--------------------------------|
| 67 | BAUBLES AND BEADS (L. Miller) | | |
| 62 | MERIT (K. Fisher) | 52 | FESTIVE GLOW (A. & D. Willott) |
| | runners up: | | |
| 51 | PINK BUTTONS (C. Lankow) | 37 | RICK (B. Wyss) |

Standard Dwarf Bearded

- | | | | |
|----|----------------------------|----|-------------------------------|
| 96 | DOT COM (B. Jones) | 34 | EL TORITO (B. Jones) |
| 56 | HOODLUM (K. Keppel) | 34 | MUSE (M. Smith) |
| 53 | WEBMASTER (K. Keppel) | 33 | FIRESTARTER (A. & D. Willott) |
| 48 | RINGER (K. Keppel) | 31 | LIME SMOOTHY (T. Aitken) |
| 39 | TRAJECTORY (P. Black) | 30 | CHINA PEACH (C. Lankow) |
| 37 | INCENDIARY (M. Smith) | 29 | TOON TOWN (P. Black) |
| 37 | SPRING FRESH (K. Keppel) | | |
| | runners up: | | |
| 28 | GROOVY GRUBWORM (P. Black) | 28 | PLUM JEWEL (A. & D. Willott) |

Miniature Dwarf Bearded

- | | | | |
|----|--------------------------------------|----|--------------------------------|
| 33 | LITTLE DRUMMER BOY (A. & D. Willott) | | |
| 29 | INKY ELF (A. & D. Willott) | 25 | PIXIE PIRATE (A. & D. Willott) |
| | runners up: | | |
| 21 | FAIRY FUN (P. Black) | 20 | APRIL ICE (A. & D. Willott) |

Aril— ¼ to less than ½ Aril

- | | | | |
|----|-------------------------------|----|-------------------------------|
| 13 | DESERT JUBILEE (L. Flanagan) | 10 | DESERT JOY (L. Flanagan) |
| | runners up: | | |
| 9 | WANNABEE (S. McAllister) | | |
| 5 | DESERT FESTIVAL (L. Flanagan) | 5 | KISS OF HONEY (S. McAllister) |

Aril— ½ or more Aril

- | | | | |
|----|--------------------------------|---|--|
| 17 | DESERT ATTIRE (H. Shockey) | | |
| 7 | ALRIGHT ALREADY (G. Seligmann) | 7 | MOONLIGHT MADNESS (S. McAllister) |
| | runners up: | | |
| 5 | BIG COUNTRY (S. McAllister) | 5 | MAXINE PERKINS (S. McAllister) |
| 5 | CODE TALKER (S. McAllister) | 5 | PURPLE HEART IMPRESSION (L. Danielson) |

Louisiana

- | | | | |
|----|----------------------------|----|----------------------------|
| 25 | PLANTATION BELLE (M. Dunn) | 17 | DELTA TWILIGHT (M. Dunn) |
| 23 | CHEZ MICHELLE (M. Dunn) | 17 | EVEN HANDED (M. Dunn) |
| 19 | BIG EASY (M. Dunn) | 17 | KENTUCKY CAJUN (S. Norris) |
| 18 | STOP AND GO (M. Dunn) | 17 | RICH JEWEL (R. Morgan) |
| 18 | WHISTLING DIXIE (M. Dunn) | | |
| | runners up: | | |
| 15 | SURE BET (M. Dunn) | | |
| 15 | BOY CRAZY (M. Dunn) | | |

Californicae

- | | | | |
|----|-----------------------------|---|--------------------------|
| 15 | RASPBERRY DAZZLER (V. Wood) | 8 | GORDOLA (J. Ghio) |
| 10 | AIR SHOW (L. Belardi) | 8 | GREETING CARD (J. Ghio) |
| 8 | CHARTER MEMBER (J. Ghio) | 8 | TRANCAS (J. Ghio) |
| 8 | COZUMEL (J. Ghio) | | |
| | runners up: | | |
| 7 | EASTER EGG HUNT (J. Ghio) | 6 | CINNAMON BLUSH (D. Meek) |

Siberian

- | | | | |
|----|--|----|--|
| 70 | CARELESS SALLY (M. Schafer/J. Sacks) | 41 | LORENA CRONIN (A. Cronin) |
| 59 | CARMEN JEANNE (C. Helsley) | 37 | ELISABETH McEWEN (J. White) |
| 48 | BAND OF ANGELS (R. Hollingworth) | 37 | PLEASURES OF MAY (M. Schafer/J. Sacks) |
| | runners up: | | |
| 36 | FISHERMAN'S MORNING (James Copeland Sr.) | | |
| 35 | SIMPLE GIFTS (R. Hollingworth) | 35 | WHERE EAGLES DARE (C. Helsley) |

Species

- | | | | |
|----|-------------------------|----|----------------------------------|
| 23 | FADED JEANS (H. Bishop) | 15 | CHINA WEST LAKE (J. Waddick) |
| | runners up: | | |
| 13 | SUSLIK (J. Burton) | 12 | GORDONVILLE WHITE (D. Niswonger) |

Inter-Species

- | | | | |
|----|-------------------------|----|------------------------------|
| 26 | MAUVE SNOWTOP (L. Reid) | 20 | PACIFIC RED VELVET (L. Reid) |
|----|-------------------------|----|------------------------------|

Spuria

- | | | | |
|----|--------------------------------|----|-----------------------------|
| 45 | MISSOURI SUNSET (D. Niswonger) | 21 | GIUSEPPE (C. Jenkins) |
| 27 | MISSOURI CLOUDS (D. Niswonger) | 18 | LADY BUTTERFLY (C. Jenkins) |
| | runners up: | | |
| 15 | STELLA IRENE (C. Jenkins) | | |
| 14 | ADRIATIC BLUE (D. Niswonger) | 14 | HIGHLINE TOPAZ (E. McCown) |

Japanese

- | | | | |
|----|------------------------------------|----|--------------------------------|
| 22 | LION KING (R. Bauer/J. Coble) | 11 | PERSEPHONE (S. Innerst) |
| 15 | ROSEWATER (R. Bauer/J. Coble) | 11 | PLEASANT EARLYBIRD (C. Harris) |
| 13 | TIDELINE (R. Bauer/J. Coble) | 11 | SUMMER MOON (J. Rich) |
| 11 | FROSTED PLUM (L. Rich) | 11 | VARIATION IN PINK (C. McEwen) |
| | runners up: | | |
| 10 | TROPICAL STORM (R. Bauer/J. Coble) | 8 | RED RINGLETS (T. Aitken) |

High Commendation

1998

THE HIGH COMMENDATION (HC) IS RESERVED FOR SEEDLING IRISES, viewed in gardens, under seedling number or registered name, which have not yet been introduced. The HC Award is granted to each seedling that receives five or more votes.

Votes	Seedling	Hybridizer
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Tall Bearded

11	92-72A	F. Carr
10	93-44-1	J. Knudtson
8	SEAPOWDER (93-89B)	K. Keppel
6	92-4-32	J. Knudtson
6	NATIONAL VELVET	L. Baumunk
5	95-79A	K. Keppel
5	CC-1300B	Schreiners

Intermediate Bearded

11	MIDSUMMER NIGHT'S DREAM	L. Baumunk
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Border Bearded

8	92-17-B	L. Markham
6	92-10-B	L. Markham

Miniature Tall Bearded

8	92-18-1	H. Thurman
8	S 306	T. Varner
8	89 Z-15	B. Wyss
7	EE 487A	Dunderman/T.Varner
6	MTB-2-D	R. Morgan
6	BUMBLE BOOGIE	R. Probst
6	92-18-2	H. Thurman

Japanese

5	DWBE	D. Delmez
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Louisiana

5	DREAM WISH (L-782A)	R. Morgan
5	IRISH SPIRIT (L-397G)	R. Morgan

Dr. Loomis

Memorial Iris Trial Gardens

by Russ Sacker, Colorado

THESE ARE IRIS TEST GARDENS HIGH IN THE ROCKY MOUNTAINS, at the base of Pikes Peak in Colorado Springs, Colorado. Irises are sent by many different hybridizers for testing over a three year period. Judging for the gardens is in accordance with the American Iris Society Judges Handbook, and by certified judges. Those irises receiving the highest point scores are awarded the Dr. Loomis Award.

The Dr. Loomis Award winners for 1997 are as follows:

- 3rd Year TB: OTOMISE (F. Foster)
- 3rd year Species: PURPLE CHA-CHA (Quesnel)
- 2nd Year TB: FIVE O'CLOCK WORLD (R. Nelson)
- 2nd Year SDB: POCKETS (L. Harder)
- 2nd Year MTB: v 350 (Varner)

In June, 1998, The Dr. Loomis Memorial Iris Trial Gardens were toured by convention visitors to the AIS National convention in Denver (see write-up elsewhere in this *Bulletin*). These gardens are maintained by the Elmohr Iris Society, who did a great job getting them into shape for the Convention.

Winners of the Dr. Loomis Award for 1998 are as follows:

- 3rd Year TB: FIVE O'CLOCK WORLD (R.Nelson)
- 3rd Year IB: MEZZA CARTUCCIA (Bianco)
- 3rd Year SDB: BUTTERSCOTCH CARPET (C.Chapman)
- 2nd Year IB: MARRIS (Innerst)

The hybridizers' support makes the high altitude trial gardens a success. We would encourage all interested hybridizers to send their new introductions, or seedlings under number. Irises should be sent to Russ Eacker, Director, 2513 Lelaray Street, Colorado Springs, CO 80909. ☞

Favorite Guest Irises

1999 AIS National Convention

Following are the Favorite Guest Irises voted by conventioners at the 1999 AIS National Convention in Oklahoma City, Oklahoma.

Name	Hybridizer	Year	Type	Votes
UNCLE CHARLIE	Spoon	'99	TB	169
BOOGIE WOOGIE	H. Nichols	'93	TB	107
HIGH STAKES	Schreiners	'99	TB	104
LITTLE JOHN	Spoon	'96	TB	101
WILD WINGS	Keppel	'99	TB	91
DIABOLIQUE	Schreiners	'97	TB	81
OWYHEE DESERT	Pinkston	'97	TB	81
SMILING FACES	Keppel	'98	TB	79
CHASING RAINBOWS	Hager	'98	TB	67
TOASTED WATERMELON	Hoage	'94	TB	65
ZANDRIA	Nebeker	'96	TB	60
BRINDLED BEAUTY	Ensminger	'94	TB	59
STARSHIP ENTERPRISE	Schreiners	'99	TB	59
MERLOT	Schreiners	'99	TB	57
PRETTY IS	Mullin	'95	TB	54
RHONDA FLEMING	Mullin	'93	TB	54
WORLD PREMIER	Schreiners	'98	TB	54
MELTED BUTTER	Fan	'94	TB	53
MIDNIGHT OIL	Keppel	'98	TB	50
PRINCE GEORGE	Shoop	'97	TB	50
SIGHS AND WHISPERS	Paul Black	'90	TB	49
SUSPICION	Keppel	'99	TB	46
DOROTHY DAVIS	Innerst	'95	TB	45
ACE	Miller	'99	MTB	44
NEON COWBOY	H. Bradshaw	'98	TB	44
COLOR ME BLUE	Schreiners	'97	TB	43
DOUBLE BUBBLE	Ghio	'98	TB	43
RICH MAN	E. Lineberger	'95	TB	43

Deen Day Smith

And The Iris Named After Her

by Carolyn Hawkins, Georgia

THE WORLD OF IRIS HAS ALWAYS HELD A FASCINATION FOR DEEN Day Smith, President of the National Council of State Garden Clubs, Inc. She grew up in rural Georgia and was exposed to the natural world, including flowers and butterflies. In later years she met Cecil B. Day, they married, had a family, and he founded the Days Inn Motel chain. Mr. Day passed away in 1978 and Deen remarried several years later to Charles O. Smith, Jr. Her activities include many professional responsibilities, as well as her extensive work with NCSGC.

The first iris she remembers was the old fashioned white variety that grew profusely along the roadside in Georgia. ELEANOR'S PRIDE is her favorite bearded iris because of the blue color. At the present time she owns a collection of many volumes of books containing botanical iris prints. These were on display when her garden was on tour during the 1992 AIS Convention in Atlanta. Also she is the owner of "Iris Court," that is an 1853 antebellum residence in South Georgia, so named by the original owner for the many irises grown there.

As an AIS member for many years, it is appropriate that she would have an iris named for her. She chose an iris hybridized by Mike Moller to be named DEEN DAY SMITH. It is a tall bearded iris, peachy orange in color—a color visually prominent in any garden. The orange beards are tipped with white and the falls of the iris are orange with a golden flash around the beard. (It will be available at Long's Gardens, Boulder, Colorado, in 2000.)

Mike Moller has been hybridizing since 1983. His present work is with the orange color line and smaller bearded irises; intermediates, standard dwarfs and miniature dwarf bearded.

Mike was RVP for Region 20 in 1998 when the AIS Convention was held in Denver and he is currently on the AIS Board of Directors. He started the Dr. Loomis Memorial Trial Gardens in Colorado Springs, which was on the tour of gardens at the 1998 AIS Convention. Mike, in his other life, is General Manager for Logical Solutions located in Denver. He and his wife Nina have a daughter, Shelly. ❧



Claire Honkanen, SC (right), and Mike Moller, CO (center), present Deen Day Smith, GA (left), with Iris named in her honor as President of National Council of State Garden Clubs, Inc.

Ben Hager

1915 - 1999

BEN HAGER WAS BORN APRIL 1, 1915, IN THE SLEEPY LITTLE MONTEREY County community of Aromas, California. He died May 3, 1999.

Ben spent his pre-adult years in northern San Diego County and Orange County. Once out of school, he began a varied career which included working in restaurants, the designing and making of ceramics, a stint in the army, bee-keeping, and working on a banana boat!

It was while Ben was in the ceramics business in Capistrano Beach that a friend gave him two lug boxes full of irises. The irises were added to a garden occupied by glads and mums. The following year, 1951, he made his first iris crosses. In the spring of 1952 he entered his first iris show, and the year after that he was show chairman! From the show he took pollen of MOLTEN and put in on the iris SAVAGE, which he had won the previous year. The cross yielded FORAY, which was later to be Ben's first tall bearded introduction.

His first taste of commercial iris production came when he went to work for Tom Craig. Then for two years he worked as field manager for Milliken Gardens. At the iris shows Ben had met Sid DuBose. Later, he got Sid a job at Milliken's. When Peg Dabagh told them of an iris garden in Modesto which was for sale, the two men decided to go into partnership. In the fall of 1955 they moved to Modesto and took over the business which Irma Melrose had built. The following spring saw the first catalogue of the "new" Melrose Gardens.

They stayed in Modesto four years, until the property was subdivided and they had to look for new acreage. In the fall of 1959 they moved to the present ten-acre location east of Stockton, where Ben remained until his death, except for a short time when, following Lloyd Austin's death, he helped manage Rainbow Hybridizing Gardens in Placerville.

Ben was well known for his promotion of irises other than tall bearded. He, Sid and Alice White did much to establish the present definition of the Miniature Tall Bearded class. He served on the board of directors for the Siberian and Median Iris Societies, was past president of the Spuria Iris Society and western director for the Reblooming Iris Society.

His goal in iris breeding was to get the top award in each class, and a list of the awards he won (in the following article) substantiates his

intentions. The following articles by Keith Keppel and Philip Edinger provide a more detailed account of Ben Hager's hybridizing achievements and the awards he won.

- Material gleaned from a *Region 14 Bulletin*, 1971.

Chasing the Iris Rainbow

by Keith Keppel, Oregon

Many may dabble with iris pollen, but only a lucky few achieve success in some part of the genus *Iris*. About once every fifty years one of the few perseveres until virtually every major iris group has been mastered. In the latter half of the twentieth century, that one was Benjamin Ross Hager.

Almost ten years ago he wrote, "There is nothing that can bring so much excitement to living as the creative drive. The urge to manipulate some element or group of elements into a new and possibly more satisfactory form can be an occupation of a lifetime. It can be an obsession. Such an obsession has been in charge of my life for the past 40 years..."¹

Ben had all the necessary qualifications for becoming a major breeder. He was intelligent, with an inquiring mind. He kept good records and learned from his own mistakes. He had imagination, envisioning what might happen with the right genetic combination. He had the capacity for hard work, and growing iris seedlings on a large scale *is* hard work. And he was determined (isn't that another word for stubborn?), sticking with a breeding program for many generations before giving up if all came to naught.

He tried various plant forms from time to time. We could mention chrysanthemums and gladiolus from his southern California days, and cannas, then daylilies and daffodils. But irises were his first love, and he would not introduce a daylily at a price higher than an iris, since he felt that irises were superior.

Ben's first iris seedling selections were made in 1953, from crosses made in 1951 on unnamed irises which had been given to him. His bearded iris crosses were numbered consecutively starting in 1953, and these crosses totalled more than 6700 by this spring. Although his first introductions were tall beardeds (1961: FORAY and SAVAGE QUEEN), it was with the smaller irises that Ben first gained recognition. The median movement was in full swing, and so were Ben's median breeding projects.

One project was to use the genes of the small tetraploid species

aphylla to breed tetraploid miniature tall bearded. The "table" irises had gained popularity, but there was a rather limited color range in the diploids. In 1966 the tetraploid MTBs SHRINKING VIOLET, ENTR'ACT, EN ROUTE and SCALE MODEL were introduced, "mostly for their breeding potential" according to their introductory blurb. "...the foliage is too large for proportion, the stems are not "flexuous" but of the *aphylla* type, lots of it from the base up on well grown plants, but straight. There is only one bud in each spathe, but there are usually 9 to 11 buds in all." Generations of inbreeding resulted in PUPPY LOVE ('80), a tangerine-bearded pink MTB. Crossing it with his LOUISE HOPPER gave ABRIDGED VERSION, LITTLE ME, LITTLE WHO, and LITTLE YOU. Miniature Tall Bearded breeding was never quite the same after that.

But there were other *aphylla* tangents. The minimizing effect of this species was used to produce miniature dwarfs as well, such as PRODIGY, which in turn gave LIBATION and GIZMO. Coming more up to date we have BUGSY, with an ABRIDGED VERSION sib as an antecedent. And *aphylla* helped keep the intermediates smallish; LOOKIN' GOOD is an IB sib to the MTB LOUISE HOPPER. With the border bearded, PINK BUBBLES and most of the others were basically border bearded and/or tall bearded breeding, but the most recent ones, such as BRAIN CHILD, PAMPERED CHILD, and CUPID SMILES, also carry *aphylla* genes.

Ben also had more conventional lines, of course. The standard dwarf introductions began in 1963 with RICKSHAW and never stopped. Some of the best known of the series are: REGARDS, PEANUTS, PUPPET, DEMON, TEASE, HOCUS POCUS, LOLLIPOP, PEPPER MILL, CHERRY POP, TOASTY, RUSTY DUSTY, BEING BUSY, and FAIRY LORE, but this is just a small sampling of the more than seventy introductions in this class.

Intermediates began with BACK TALK in 1963 and the 1964 introductions DOLL TYPE, INDEED, CHIT CHAT, and GADGET. Ensuing years came with notables like the red-bearded CHEERS, orange-toned WHY NOT and OF COURSE, the violet-bearded pink IMPROVISATION, and the wild tangerine bicolor BLAST. In plicatas, BUTTER PECAN and HOT FUDGE were top of the line in brown and yellow tones, and PIECE OF CAKE was one of the first tangerine plic IBs.

Although Ben started with tall bearded, success seemed slower with that group, and it was nearly ten years after the first introductions before

much of import happened. *Iris balkana* derivative BALKAN GLACIER was a 1968 introduction. The brown-toned TUCSON, a bright yellow SUN WORSHIPER, and BASIC BLACK (sent out the year of introduction complete with strand of faux pearls) were noteworthy in the early seventies, and purple plicata GRAPHIC ARTS came out in 1978, the sib MIRROR IMAGE the year following. Then at last, "lines" started developing and things came faster. VANITY ('75) was the first pink, with next-generation BEVERLY SILLS ('79) and grandchild ANNA BELLE BABSON ('85). Lace and lateness, white to orchid coloration were combined in other lines to give IGLOO, SILVER YEARS, RECHERCHE, SILVER FIZZ and others. Orange lines gave GOOD SHOW, CINDERELLA'S COACH, and FRINGE BENEFITS. Whites and blues started back with ICE SCULPTURE and LEDA'S LOVER and segued on to BIG VALLEY, WELCOME ABOARD, BIG SKY (he liked his borders small, but his talls big), DRUM ROLL, KATHLEEN KAY NELSON, TINTED CRYSTAL, RITE OF SPRING, et al. There was the third Dykes Medal winner EDITH WOLFORD, and his very recent, very excellent POEM OF ECSTASY and CHASING RAINBOWS.

Remontancy was sought after with success. MOTHER EARTH, SUNNY SHOULDERS, WINDS OF CHANGE, CHRISTOPHER COLUMBUS, AUTUMN CIRCUS and RECURRING DREAM are but a few of the rebloomers to come from the Hager seedling patch. Ben was also on the lookout for novelties, and HORNY LORRI, JESTER and TRIPLE WHAMMY are three of his space agers.

Being in close contact with Jonnye Rich, it is no wonder that he tried his hand at breeding arilbreds. SHEIK was the first to be introduced, in 1976, with HOWDAH, KIOSK, ONLOOKER, and SULTAN'S JEWELRY a few of those from later years.

The first of the spuria crosses was made in 1955. While working at Milliken Gardens in southern California, Ben saw the sensational WADI ZEM ZEM; it was there that he made the cross that produced ELIXIR, which along with ESSAY and NEOPHYTE were his first (1964) spuria introductions. The extent of Ben's involvement with spuria crossing can only be realized when looking at the breeding books; some 1100 different crosses are recorded, which resulted in about 60 introductions. A sampling of the sixty includes CONNOISEUR, ARCHIE OWEN, MARILYN HOLLOWAY, CLARKE COSGROVE, EAGLE, FAR OUT, ILA CRAWFORD, DIMINUENDO, and FUTURE PERFECT.

Japanese iris crossing was another matter. Early crosses at Melrose Gardens in Modesto fell victim as the Melrose ranch was being subdivided. In Ben's notes: "#1 through 47 lost to bulldozer. Got \$200.00 for them." Not without a fight with the insurance company! In 1961 after the move to Stockton, the crosses continued, with J50 as the first recorded and the cross that yielded TENDER TRAP, the first of his JI introductions (1965). 110 more crosses were listed by the nineties. STRANGER IN PARADISE ('70) won the 1976 Payne Award.

About 150 Louisiana crosses were made. DELTA KING was the first introduction, in 1968, followed in later years by MARY DUNN, FULL ECLIPSE, SHRIMP LOUIS, and others.

The year 1968 also saw the first of the Siberian iris introductions: RUBY WINE and SPARKLING ROSÉ. About 110 crosses were made successfully over the years, with SWANK, CHILLED WINE, STARSTEPS, THESPIAN, and JAYBIRD among the results.

Pacific Coast Natives are not easy to grow in the hot interior valleys of California. Still, Ben tried, and one introduction - AROMAS - was introduced by Bay View Gardens in 1971. Aromas is the name of the little northern California town where Ben was born.

Even inter-species beardless seedlings might show up in the field. ROY DAVIDSON WAS INTRODUCED IN 1987; PHIL EDINGER in 1991.

The influence of Hager irises can be seen readily by scanning the parentages printed in the registration records. Trace back the trees beyond the immediate parents and find even more Hager influence. Ben once wrote an article for the BULLETIN called Shoulders.² It was a review of all the varieties found in the family tree of BEVERLY SILLS, and a roll call of the breeders who produced those irises. He showed how we current breeders are "standing on the shoulders" of those who went before us; we could not be where we are today without them.

We are now standing on the shoulders of Benjamin Ross Hager, and they are very broad shoulders indeed.

¹ BAIS 278, July 1990 - p. 8.

² BAIS 278, July 1990 - pp. 8-11.

The Pot of Gold (and Silver, and Bronze...)

by Philip Edinger, California

It has been said that Virtue is its own reward. Few, though, would challenge the notion that awards are quite an encouragement to continuing Virtuous endeavors.

For Ben Hager, the omnivorous iris breeder, awards were many and varied...and encouraging. In fact, it is safe to say that no other iris hybridizer, past or present, has pursued breeding in so many areas of the genus *Iris* and has received awards to acknowledge excellence in all such areas. From the smallest pumilas to the largest tall bearded, from arilbreds to siberians to spurias to Pacific Coast natives to miscellaneous species, he tackled it all with gusto and subsequent acclaim. Only bulbous irises, crested irises, and junos escaped his pollinating brush; and had they been easier growers in California's central valley (or viable commercial prospects), even they would not have been left untouched. He said it in jest, but it was oh-so-true: that if it stood still long enough, he'd pollinate it!

No better testament to the Hager hybridizing career exists than a compendium of awards granted to his irises and to him. For the record, and as a tribute, these awards appear here *in toto*. And yet...even this list will surely be rendered incomplete over the next ten years, as his recent introductions and introductions-to-be continue to be officially recognized as superior irises.

One point should assert itself as you take in the sheer volume of these awards: that it is physically impossible for one person to accomplish this alone. Equal credit really is due long time partner and indefatigable field worker/manager Sid DuBose who from the outset saw to it that fields were readied for timely planting, that plants were watered and weeded and grown superbly for prompt evaluation. Decades of this ongoing field work allowed the raising of countless thousands of seedlings from which these awarded irises represent the pick of the collective litter.

Awards—American Iris Society:

note: recipients of awards higher than HM have received all requisite lower awards and are therefore listed only in their highest-status categories.

Dykes Memorial Medal:

VANITY (1982)
 BEVERLY SILLS (1985)
 EDITH WOLFORD (1993)

Knowlton Medal (BB):

PINK BUBBLES (1986)

Hans and Jacob Sass Medal (IB):

SWIZZLE (1979)
 BUTTER PECAN (1991)
 HOT FUDGE (1992)

Cook-Douglas Medal (SDB):

REGARDS (1973)
HOCUS POCUS (1981)

Caparne-Welch Medal (MDB):

GIZMO (1987)
DITTO (1988)

Clarence G. White Medal (AB):

KALIFA'S ROBE (1998)

Eric Nies Medal (Spu):

COUNTESS ZEPPELIN (1997)

Award of Merit (and AM equivalent awards):

Tall Bearded: ANNA BELLE BABSON, FRINGE BENEFITS, GOOD SHOW, HORATIO, ICE SCULPTURE, KATHLEEN KAY NELSON, LEDA'S LOVER, SILVER YEARS, TIMESCAPE, TRIPLE WHAMMY

Border Bearded: SOMETHING SPECIAL

Intermediate: CHEERS, OF COURSE

Standard Dwarf: ABRACADABRA, CLAP HANDS, CLAY'S CAPER, DEMON, PEPPER MILL, PUPPET

Miniature Dwarf: BITSY, BUGSY, CURIO, FLEA CIRCUS, LIBATION, THREE CHERRIES, TINY APRICOT, TINY CHERUB

Miniature Tall Bearded: ABRIDGED VERSION, NEW IDEA

Arlbred: COOL OASIS, DUNE, HUMOHR, SHEIK, SULTAN'S JEWELRY

Interspecies: PHIL EDINGER

Japanese: STRANGER IN PARADISE

Louisiana: CAJUN COUNTRY, DELTA KING, FULL ECLIPSE, MARY DUNN

Siberian: CHILLED WINE, JAYBIRD, OMAR'S CUP, SWANK

Spuria: ARCHIE OWEN, CLARKE COSGROVE, CONNOISSEUR, DESTINATION, DRESS CIRCLE, ELIXIR, ILA CRAWFORD, ILA REMEMBERED, IN DEPTH, MARILYN HOLLOWAY, PORT OF CALL

Honorable Mention:

Tall Bearded: AFTER THE BALL, AMAZON BRIDE, AUTUMN CIRCUS, BALKAN GLACIER, BASIC BLACK, BEL CANTO, BIG VALLEY, BOUNTIFUL HARVEST, BURNING COALS, CALM SEA, CINDERELLA'S COACH, CRYSTAL CATHEDRAL, DARK RITUAL, DAVY JONES, DECOLLETAGE, DRUM ROLL, FANFARON, FOOLISH FANCY, FRAGRANT LILAC, GLAD RAGS, GOOD GUY, GRAPHIC ARTS, GRATUITY, HORNY LORRI, IGLOO, IN PERSON, LARK ASCENDING, LA VALSE, MAGIC, MELBA HAMBLEN, MIRROR IMAGE, MOON'S DELIGHT, MUCHAS GRACIAS, MUCH

OBLIGED, MY VALENTINE, NEPTUNE'S CLOAK, PLEASURE DOME, POEM OF ECSTASY, PRESTIGE ITEM, RECHERCHÉ, RED LION, RITE OF SPRING, SILVER FLOW, SPACE ODYSSEY, STOLEN DREAMS, SUNNY SHOULDERS, SUN WORSHIPER, TOTAL RECALL, TUCSON, VERISMO, WINDS OF CHANGE, WORLD CLASS, YVONNE B. BURKE

Border Bearded: AUDACIOUS, LACY LASSO, STAR CHILD

Intermediate: ALL RIGHT, BACK TALK, BLAST, BRIGHTEN UP, CHIT CHAT, DARKNESS, DOLL TYPE, FIDDLE FADDLE, INDEED, LOOKIN' GOOD, PIECE OF CAKE, PONY, POT LUCK, SVELTE, THREE DOLLARS, TRIO, WHY NOT

Standard Dwarf: ACE OF CLUBS, APRIL FOOL, AXIOM, BEING BUSY, CHERRY POP, COMBO, CRYSTAL BUBBLES, FAD, FRISBEES, GARDEN FAVORITE, HAPPENING, IDOL'S EYE, KITTEN CAPERS, LEMON TANG, LOLLIPOP, MONKEY, MUSIC BOX, MY SHEBA, ORNAMENT, PEANUTS, PLAY MISTY, POPCORN, RHINESTONE, RICKSHAW, SILKIE, SPANGLES, TEASE, WHIM, WUNDERKIND

Miniature Dwarf: BLUETWEEN, DOODLE, DRAGONS IN AMBER, DUMPLING, FOOTLIGHTS, GEM, GREY PEARLS, HOT FOOT, KID STUFF, MACUMBA, MINI COQUETTE, PETTY CASH, PRODIGY

Miniature Tall Bearded: DINKY, EN ROUTE, ENTR'ACT, GUMDROPS, LITTLE ME, LITTLE WHO, LITTLE YOU, LOUISE HOPPER, NEW WAVE, PUPPY LOVE, SCALE MODEL, SHRINKING VIOLET, TING-A-LING

Aribred: BARELYMOHR, BURRA SAHIB, DESERT DIAMOND, DESERT PLUM, KIOSK, KUZA-NAMA, ONLOOKER, TURKESTAN, TURKISH FEZ, TURKISH TANGENT, ZERZURA

Japanese: DAWN HORIZONS, TENDER TRAP

Louisiana: CAJUN COUNTRY, DARK TIDE, DELTA SUNSHINE, SHRIMP LOUIS

Pacific Coast Native: AROMAS, PACIFIC MOON

Siberian: ALTER EGO, INNOCENT EGO, CABERNET, OTHER WORLDS, PINK SPARKLE, ROSE QUEST, RUBY WINE, SPARKLE, SPARKLING ROSÉ, STAR CLUSTER, STAR GLITTER, STARSTEPS, THESPIAN

Spuria: AIRY FANCY, AMBITION, ARTS ALIVE, CHOCOLATE DIP, COPPER TRIDENT, CUSTOM DESIGN, DIMINUENDO, DRAGON RIDER, EAGLE, ESSAY, ELAN VITAL, ELEANOR HILL, FABLE, FAROLITO, FAR OUT, FIRST FRUITS, FIXED STAR, FOLLOW THROUGH, GILDED CHALICE, GUEST ARTIST, HEADWAY, JUBILANT SPIRIT, LOOK LIVELY, MARITIMA GEM, MEDIA LUZ, MEGATREND, NEOPHYTE, NOW THIS, OBJET D'ART, PERFECT SPRING, PING AND PANG, PROTÉGÉ, SARONG, SMALL PACKAGE, SPRING REVERIE, SUSPENSE, TRANSFIGURATION, WOODWIND, ZAMBOANGA

Walther Cup (greatest votes for HM):

BEVERLY SILLS (1981), LEDA'S LOVER (1982)

Franklin Cook Cup (favorite out-of-region convention guest):

SILVER YEARS (1985)

President's Cup (favorite in-region convention guest):

EDITH WOLFORD (1986)

Overseas Awards:**Austria (International Competition for Short Irises, Vienna):**

1976 Silver Medal, IB: SWIZZLE

1979 Gold Medal, SDB: CLAP HANDS

1979 Bronze Medal, IB: POT LUCK

1981 Bronze Medal, IB: LOOKIN' GOOD

1983 Bronze Medal, IB: OF COURSE

England (Wisley Trials):

Award of Merit (1989): PROTÉGÉ (Spuria)

France (International Iris Competition, Orleans, 1978):*Spuria competition:* CLARKE COSGROVE (first prize), SARONG (second prize), ARCHIE OWEN (third prize)*Siberian competition:* SWANK (first prize)*Silver Medal:*

most important and diversified individual foreign contribution

Silver Medal collection: Dwarf irises*Silver Medal collection:* Intermediate Bearded irises*Silver Medal collection:* Siberian irises*Herbaceous Plant Lover's Prize* (for advances in new breeding directions):

DEMON (SDB)

Germany (IGA 1973, Hamburg):*Silver Medal:* DARK RITUAL**Italy (Il Concorso Internazionale dell'Iris, Firenze):***Premio Firenze:* BEVERLY SILLS (1981)*Premio Adriana Gardi:* SOMETHING SPECIAL (1981)*City of Florence Prize (best red):* IMMOLATION (1977)*Garden Club Cup (best garden variety):* EDITH WOLFORD (1988)**Personal Awards and Honors:***American Iris Society:* Hybridizer's Medal (1973)*American Iris Society:* Distinguished Service Medal (1985)*British Iris Society:* Foster Memorial Plaque (1981)

Harry B. Kuesel

1920 - 1999

by Fran Evers, Colorado

ON MARCH 30, 1999, AIS LOST A DEDICATED IRISARIAN WHO HAD supported and encouraged many a newcomer in the pleasures of growing iris and being involved in iris society activities.


Harry was born in Brooklyn, NY in 1920. He received his BA from Amherst in 1941 and a degree in Industrial Administration from Harvard in 1942. World War II interrupted his educational pursuits. He served as a captain in the US Army Quarter Master Core from 1942 until 1947. During his military service he met and married his wife Elinor. After the war, Harry completed an MBA at Harvard and began working for John Mansville Corp. He retired as Vice President in charge of Corporate Services from this corporation in 1982 after 35 years of service. He and Elinor were also blessed with three children: Jane, Jeff and Tim.

Following WW II, Harry's interest and love of iris blossomed. He joined the American Iris Society in 1951. He began hybridizing in the sixties and published the first Old Brook Gardens catalog located in Old Brookville, NY in 1963. From this garden he introduced Siberians for McGarvey, Warburton and Vaughn from 1963 to 1976. In 1979 he won the Knowlton Medal for STEPPING LITTLE which continues to be a popular border bearded iris. He was transferred to Colorado and was responsible for coordinating the corporation's relocation. In 1996, he and Elinor moved to Arizona.

Harry was no stranger in service to AIS. He served twice as the president of the Median Iris Society from 1968 to 1969 and again from 1973 to 1975. He was president of the Empire State Iris Society as well as RVP for both Region 2 (New York) and Region 20 (Colorado). He was president of the Society for Siberian Irises from 1983 to 1985 and was on their board of directors for many years. He was honored with the S.S.I. Distinguished Service Award.

In 1993, Harry became an Emeritus Judge after being nominated for this honor by Region 20. He was a contributor to the *AIS Bulletins*, the Siberian Society's newsletter, and regional publications. He also wrote articles for the British Iris Society publications. Sharing his love of iris with all gardeners was demonstrated with his generous donations of median, siberian and spuria irises to the Denver Botanical Gardens. These

plants continue to provide pleasure to garden visitors exposing them to irises they might not otherwise have the occasion to see. As a related interest, he also had an extensive collection of iris stamps.

Harry had a special gift for making the people around him feel like what they were interested in or were doing was important and mattered. He was genuinely interested in other people. Associating with Harry brought out the best in others. His positive enthusiasm for life made the world a better place in which to be. He will be missed. 

Ruth B. Simmons

In Memory


by Ron Mullin, Oklahoma

“TO EVERYTHING THERE IS A SEASON; FOR EVERYTHING HE HAS A REASON.” was the inscription on an iris picture in Ruth Simmons home, which gave us something to think about as we grieved the loss of our dear friend, Ruth, who died April 23, 1999.

Ruth was a long time member of AIS and had recently been named Secretary. She was an AIS Accredited Judge and also a National Council Judge. She was president of the Southwest Oklahoma Iris Society, editor of the *Region 22 News*, producer of *Tall Talk*, the newsletter of the Tall Bearded Iris Society and Publications Director for the Historic Iris Preservation Society. She was a member of both the Sooner State Iris Society and Tulsa Area Iris Society, and a tireless worker for both organizations.

Ruth maintained a large iris garden from which she generously donated irises for sales and to friends, and was active in a local Catholic Women’s group. She is survived by her husband Jack, two children, Sue and Jack Allen, and four granddaughters, Charity, Carrie, Chelsea and Jaclyn, on whom she lavished much love and attention. We extend our sympathies to her family.

Ruth was also a very active member of the Convention Committee for the AIS National Convention in Oklahoma City this past spring. Because of her many hours of work in on this Convention, the Committee dedicated the event to her memory.

Ruth will be missed by the many people touched by her kindness, her caring and her love. 

AIS

Contributions & Gifts

February, 1999 – July, 1999

In Memory Of:

- J. Wesley Allen (TN)*
 Bill Maryott & Marilyn Harlow
 (CA)³
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In Honor Of:

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- Library Fund*
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- 1 General^G
- 2 Research & Scholarship^{R/S}
- 3 Library^L
- 4 Clarke Cosgrove Youth Achievement^{CCY}
- 5 Warburton International Medal^W
- 6 Electronic Check List^{ECL}
- 7 1999 Decennial Check List^{DCL}
- 8 Classroom Project Fund^{CPF}

* For color in the Bulletin through General Fund

How to Make a Donation to AIS Active Funds:

Donations to the AIS Fund Accounts should be made payable to: AIS, or The American Iris Society.

Mail to: Jeanne Clay Plank, Secretary of Donations
8426 Vine Valley Dr
Sun Valley, CA 91352-3656

*** Note change of address to send donations*

Be sure to identify clearly on a separate paper

1. The recipient of the memorial or honor
2. The Active Fund to which you wish it to be credited
3. The name of person, persons, or organization donating
4. The address of person(s) to notify that a donation has been made

Correction:

The American Iris Society Foundation would like to apologize to Frederick G. Stephenson and the Blue Ridge Iris Society for the error printed in the July, 1999 *Bulletin*.

A contribution to the Foundation was made by the Blue Ridge Iris Society *in honor of* (not in memory of) Frederick G. Stephenson. For indeed, Mr. Stephenson is alive and well and is active in promoting the Blue Ridge Iris Society.

In Memoriam:

Leo Barnard (California)

Lucie Burley (Arkansas)

Richard Butler (Arkansas)

Winifred Conklin (California)

D. Gertrude Fallon (Arkansas)

Mrs. Sterling Innerst (Pennsylvania)

Patricia Williamson (Missouri)

AIS Storefront

Sale Items & Publications

\$27.00 ***The World of Irises***

Highly recommended! 32 pages of full color. Edited by Warburton and Hamblen, 34 contributors and authors including international authorities. Published in 1978 and most authoritative book on all phases of irises. Scientific and popular. 6" x 9" hard bound cloth cover, 526 pages.

\$15.00 ***Handbook for Judges and Show Officials***

New release! Sixth Edition ©1998.

SOLD OUT ***Basic Iris Culture.*** Pamphlets. Great information for new iris growers. Ideal for clubs or shows.

\$4.50 ***AIS Bulletins: Back Issues*** (not all issues available)

\$14.00 ea. **Check Lists: 1939, 1949, 1959, & 1969**

Reprint. Soft cover.

\$17.00 **Check List, 1979**

Reprint. Hard cover. Ten-year compilation of registrations 1970 - 1979.

\$17.00 **Check List, 1989**

Hard cover. Ten-year compilation of registrations 1980 - 1989.

\$7.00 ea. **Registrations and Introductions:**

1990, 1991, 1992, 1993, 1994, 1995, 1996, 1997, and 1998.

\$2.50 **Bronze 50th Anniversary Medals**

The AIS 50th Anniversary medal in antiqued bronze. Suitable for pendants, show prizes, and special awards.

View Before You Buy!

The official AIS Website now has photos of several of the Storefront sales items, so you can see what they look like.

Go to: www.irises.org

75th Anniversary Collection

\$25.00

Commemorative Medal

Solid Silver, 1 ½ inches across. Only 500 struck.

\$4.50

Bulletin

\$2.50, 1 pack

AIS Seals (50 per pack)

\$10.00, 5 packs

Self-adhesive ovals are larger than a half dollar.

Official design in blue and green on silver background.

2000 Iris Calendar: See inside front cover.

1998 & 1999 Iris Calendar - While They Last

\$2.00 each (+\$1.00 shipping)

\$10.00 (+\$3.00 shipping) for packs of 10

\$4.00, 1 pack

Iris Post Cards (16 per pack)

\$10.00, 3 packs

\$25.00, 10 packs

AIS can now accept VISA & Mastercard (sorry, no other charge cards) for Storefront orders (minimum order: \$10.00). When charging your order, please include card type and number, expiration date, phone number, and signature.

Prices include postage and handling. Make checks payable to The American Iris Society, or include charge card information. Send order to:

Irv & Nancy Pocklington

Phone: (217) 854-2184

609 Harrington St

Carlinville, IL 62626-1230



Nancy and Irv Pocklington

Rent Slide Sets from the American Iris Society

AIS Slide Sets available for 1999:

The Newest in Irises: 1993–1998 Introductions. Mostly TBs, but contains other types.

Recent Award Winners: HM and AM Winners, 1992–1997

The Popularity Poll: Temporarily unavailable.

Types other than Tall Bearded: Bearded and beardless, arranged in blooming sequence.

Reliables: Mostly past award winners of various types—especially suited for newer iris societies and garden clubs.

1994 Portland Iris Convention

1995 York Iris Convention

Iris Trivia: This is a small set of slides and questions that can be used for a fun and informative meeting. (Use of all questions and slides takes at least one hour.)

To Order: Requests for slides should be made well in advance of requested date, preferably six to eight weeks. If optional, specify alternate sets and/or dates. Clearly *print* name and mailing address to whom slides are to be sent. Rental fee is \$10.00 per set, payable to AIS. Only one set allowed for any request date. Slide sets are to be returned next day after viewing by *Priority Mail*.

Note: Affiliates are entitled to one free TB set per year. Send check with request to:

Hooker Nichols
3365 Northaven Rd.
Dallas, TX 75229

Phone: (214) 352-2191

Section Slides Available:

The various Sections of AIS also have slide sets available for rent. These feature irises of each respective group. Rental fee is \$5.00 per set, unless noted otherwise. Requests for these slide sets should be submitted as follows:

Arils and Arilbreds: Order from Scott Jordan, 3500 Avenida Charada NW, Albuquerque, NM 87107. Rental fee \$7.50. Check to Aril Society International.

Dwarf: Dorothy Willott, 26231 Shaker Blvd., Beachwood, OH 44122-7111. Check to Dwarf Iris Society. Rental fee \$7.50.

Historic Iris Preservation Society (HIPS): Contact Joan Cooper, 212 West Country Rd. C, St. Paul, MN 55113. Rental fee \$7.50. Check to HIPS.

Japanese: Order from John Coble, 9823 E. Michigan Ave., Galesburg, MI 49053. Check to Japanese Iris Society.

Louisiana: Order from Dalton Durio, 5853 Hwy 182, Opelousas, LA 70570. Check to Society for Louisiana Irises. Rental fee is \$10.00.

Medians: Contact Terry Aitken, 608 NW 119th St, Vancouver WA 98685. \$10 check to MIS.

Rebloomers: Contact Olive Rice-Waters, 1914 Napa Ave, Berkley, CA 94707. Check to Reblooming Iris Society. Rental fee is \$7.50.

Siberians: Order from Robert Hollingworth, 124 Sherwood Rd E, Williamston, MI 48895. Check to Society for Siberian Irises.

Species: Several sets available. Order from Helga Andrews, 11 Maple Ave, Sudbury MA 01776. Check to SIGNA.

Spurias: To order, contact Patricia Brooks, 102 Jefferson Lane, Ladson, SC 29456. Check to Spuria Iris Society.

AIS Bulletin Ad Rates

Changes for 1999:

In an effort to encourage new commercial growers, the AIS Board voted to eliminate the "extra services" fees. The prices below are unchanged, but now include the cost of scanning, text, and layout. The sizes are slightly larger.

Also, we are now using an all-electronic setup with our new printer. As a result, we can no longer simply paste ads on paper. All ads submitted on paper will be scanned. If you have graphic images or logs as part of your ad, it would be best if you send them on a disk, or email them directly to Scott Aitken at <zebra@chcs.com> (payment must still be made through advertising editor).

Shopping Section

found in the back of each *Bulletin*. Placement is roughly alphabetical.

\$42.00 15/16 inch

Rate is for 4 issues.

\$58.00 1 15/16 inch

All ads are 2 1/8 inch wide.

\$73.00 2 15/16 inch

Display Advertising (Rate is for single issue)

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\$35.00 1 inch 1 x 4 1/4

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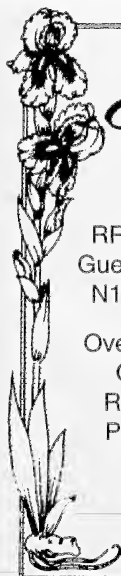
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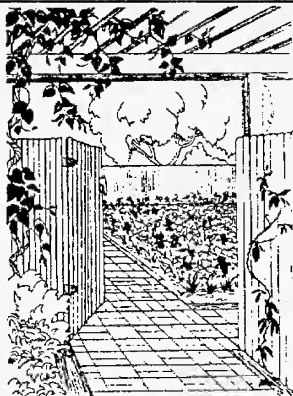
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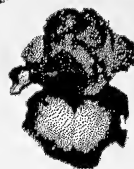
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Benjamin Ross Hager
1915-1999



▲ Ben Hager.



➤
Sid DuBose (left) and
Ben Hager (right)
tending the iris fields.

Photo: Schreiner

*John C. Wister Memorial
Medal Winners*



▲ STAIRWAY TO HEAVEN (L. Lauer)



Photo: Plank

▲
BOOGIE WOOGIE (H. Nichols)



Photo: Alken

◀ RHONDA FLEMING (R. Mullin)

Bulletin of the American Iris Society

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The American Iris Society **2000 Symposium** *of Tall Bearded Irises*

Revised Ballot

Please vote for your favorite 25 Tall Bearded Iris Varieties

ALL MEMBERS OF THE AMERICAN IRIS SOCIETY ARE URGED TO PARTICIPATE IN this ballot in order that we may obtain a wide consensus of the tall bearded iris varieties that grow and bloom best in gardens throughout America. Mail the completed ballot to your RVP by December 1, 1999. Final results will be published as the popularity poll in a future issue of the Bulletin. Please vote!

The July issue Symposium was missing a group of AM winners. These have been integrated into the list for an October Revised Symposium.

ATTENTION: *Overseas Members* are invited to vote the Symposium Ballot. Instructions on the following page. See deadline on following page, item #5.

Please Vote

Sixtieth Official Tall Bearded Iris Symposium of the American Iris Society 2000 Revised

This is your ballot to help determine the One Hundred Favorite Tall Bearded Irises for 2000. The list of candidates was completed by combining the following lists of outstanding varieties:

- The 100 top varieties in last year's Symposium
- The tall bearded irises eligible for 1999 Wister Medal
- The tall bearded irises eligible for 1999 Dykes Medal
- The tall bearded irises eligible for 1999 Awards of Merit
- The tall bearded irises that won 1998 Awards of Merit
- The tall bearded irises that won 1998 Honorable Mentions

Every member of The American Iris Society may participate in this balloting of the irises listed on the following pages. Each member is allowed twenty-five votes. Please follow the instructions below.

1. Vote only for an iris that you have seen blooming in a garden.
2. Clearly place an "X" in front of each of your twenty-five favorites. The second member of a family membership should use an "O" symbol to designate votes. Additional, family or youth members should use a number (1, 2, 3, etc.) in front of each vote to identify it. Each member is entitled to a maximum of twenty-five votes. Since the ballot is designed for easy tabulation by the Regional Vice Presidents, please follow directions carefully.
3. No member may vote for more than twenty-five varieties. You may vote for fewer than twenty-five if you wish.
4. Your ballot must be mailed to your Regional Vice President by December 1, 1999 in order to be counted. The name of your RVP is listed inside each AIS Bulletin. Sign your ballot and mail it first class.
5. *Overseas Members* may vote by mailing their ballot to the Awards Committee Chairman whose name and address appear inside each AIS Bulletin. It is advisable to send by Air Mail to assure receipt of your Ballot by the deadline of December 1, 1999.

Name(s): _____

Address: _____

ABBEY ROAD

ABSTRACT ART

ACAPULCO SUNSET

ACOMA

AEGEAN STORM

AFTERNOON DELIGHT

AFTER THE BALL

AFTER THE DAWN

AFTER THE STORM

AGE OF INNOCENCE

AIN'T MISBEHAVEN

ALASKAN SEAS

ALEXANDER'S RAGTIME BAND

ALL TOGETHER

AL' ORANGE

ALPINE TWILIGHT

ALTRUIST

AMERICAN CLASSIC

AMERICA'S CUP

ANGELS IN FLIGHT

ANNA BELLE BABSON

ANNE MURRAY

ANSWERED PRAYERS

APLOMB

APRIL IN PARIS

ARCTIC EXPRESS

AROUND MIDNIGHT

ART FAIRE

ASCENT OF ANGELS

AURA LIGHT

AUTUMN TRYST

AVALON SUNSET

AWAKENING

BABBLING BROOK

BALCH SPRINGS

BALTIC STAR

BATTLE ROYAL

BAYBERRY CANDLE

BEFORE THE STORM

BELLS ARE RINGING

BERTWISTLE

BEST BET

BETTY DUNN

BEVERLY SILLS

BEWILDERBEAST

BIG BIRD

BIRTHDAY GREETINGS

BIRTHDAY SURPRISE

BITTERSWEET JOY

BLACK AS NIGHT

BLACK FALLS

BLACK TIE AFFAIR

BLenheim ROYAL

BLUE MONTANA SKIES

BLUE SUEDE SHOES

BOLD LOOK

BOOGIE WOOGIE

BOSS TWEED

BOXWINK'S GOLDEN DREAM

BOY NEXT DOOR

BRAVE NEW WORLD

BREAKERS

BRIDE'S HALO

BRINDLED BEAUTY

BRONZETTE STAR

BUBBLE DANCER

BUBBLING ALONG

BUBBLING OVER

BUSY BEING BLUE

CABOT COVE

CAFE OLE'

CAJUN QUEEN

CAJUN RHYTHM

CAJUN SPICES

CAMELOT ROSE

CANNINGTON BLUEBIRD

CANNONBALL

CAPTAIN'S JOY

CARIBBEAN DREAM

CARNIVAL SONG

CASCADE SPRINGS

CEE CEE

CELEBRATION SONG

CHAMPAGNE ELEGANCE

CHAMPAGNE WALTZ

CHANGE OF PACE

CHANGE YOUR WAYS

CHANTILLY LACE

CHATTER

CHEATING HEART

CHEROKEE HERITAGE

CHEROKEE NATION

CHERRY GLEN

CHERRY LANE

CHERRY SMOKE

CHRISTMAS

CHRISTMAS TIME

CIRCUS WORLD

CITY LIGHTS

CITY OF PARIS

CLARENCE

CLASSIC LOOK

CLASSMATE

CLEAR MORNING SKY

CLOSE SHAVE

___ COALIGNITION	___ DREAMSICLE	___ GALLANT ROGUE
___ CODICIL	___ DUSKY CHALLENGER	___ GAY PARASOL
___ COLORADOAN		___ GINGER SWIRL
___ COMANDANTE	___ EAGLE'S FLIGHT	___ GIRAFFE KNEEHIZ
___ COMING UP ROSES	___ EARTH SONG	___ GNU
___ COMPETITIVE EDGE	___ EASTERTIME	___ GNU AGAIN
___ CONJURATION	___ EDITH P. WHEELER	___ GNU BLUES
___ CONTINUITY	___ EDITH WOLFORD	___ GNUS FLASH
___ COPPER CLASSIC	___ ELAINEALOPE	___ GOING MY WAY
___ CORAL SUNSET	___ ELEGANT IMPRESSIONS	___ GOLD FROSTING
___ COTE D'OR	___ ELSIE RICHARDSON	___ GOLDKIST
___ COUNTRY GENTLEMAN	___ EMPEROR'S CONCERTO	___ GOLD SPECULATOR
___ CRANBERRY DELIGHT	___ EPICENTER	___ GOODBYE GIRL
___ CREDIT LINE	___ ERMINE DOLL	___ GOOD LOOKING
___ CROSS CURRENT	___ EVERYTHING PLUS	___ GOOD SHOW
___ CRUISE CONTROL		___ GRAND WALTZ
___ CUSS A'BLUE STREAK	___ FALLEN ANGEL	___ GRAPHIQUE
___ CUTTING EDGE	___ FANCY STITCHES	___ GRATEFUL CITIZEN
	___ FANCY WOMAN	___ GREAT GATSBY
___ DAKOTA MOON	___ FASHION DESIGNER	___ GUADALAJARA
___ DANCE HALL DOLLY	___ FATAL ATTRACTION	___ GUADALUPE
___ DANUBE WALTZ	___ FEATURE ATTRACTION	___ GYPSY ROMANCE
___ DAWNING	___ FESTIVE MOOD	___ GYPSY WOMAN
___ DAWN OF CHANGE	___ FIESTA SONG	
___ DAZZLING GOLD	___ FILIBUSTER	___ HALFWAY TO HEAVEN
___ DEBBIE REYNOLDS	___ FILM FESTIVAL	___ HALO IN CREAM
___ DEBBY RAIRDON	___ FINALIST	___ HALO IN GOLD
___ DEBRENEE	___ FIRST INTERSTATE	___ HALO IN ROSEWOOD
___ DEGAS DANCER	___ FLIGHTS OF FANCY	___ HANDSHAKE
___ DELTA BLUES	___ FOOTLOOSE	___ HAUTE COUTURE
___ DESIGNER GOWN	___ FORBIDDEN FRUIT	___ HELLO DARKNESS
___ DIDDLER	___ FOREIGN STATESMAN	___ HELLO-GOODBYE
___ DIRTY DEVIL CANYON	___ FRINGE BENEFITS	___ HIGH DRAMA
___ DODGE CITY	___ FROSTING	___ HIPPO'Z TUTU
___ DOROTHEA MARQUART	___ FROZEN BLUE	___ HOLLYWOOD AND VINE
___ DOVER BEACH	___ FUNNY GIRL	___ HOLY NIGHT

- | | | |
|--------------------------|------------------------|----------------------------|
| ___ HONKY TONK BLUES | ___ LADY BIRD JOHNSON | ___ MOTHER'S LITTLE HELPER |
| ___ HORATIO | ___ LADY FRIEND | ___ MOUNTAIN MAJESTY |
| ___ HOT CHOCOLATE | ___ LADY JULIET | ___ MUCH OBLIGED |
| ___ HOTDOGS AND MUSTARD | ___ LA MER | ___ MULLED WINE |
| ___ ICED TEA | ___ LARK ASCENDING | ___ MYSTIC'S MUSE |
| ___ IMAGINARIUM | ___ LATIN LOVER | ___ MYSTIQUE |
| ___ IMMORTALITY | ___ LA VALSE | ___ NAVY BLUES |
| ___ INDIGO PRINCESS | ___ LEDA'S LOVER | ___ NEW CENTURION |
| ___ INDULGE | ___ LEMON CHESS | ___ NIGERIAN RASPBERRY |
| ___ INFERNAL FIRE | ___ LEMON MIST | ___ NIGHT ATTACK |
| ___ IN REVERSE | ___ LIFE OF RILEY | ___ NIGHT FIRES |
| ___ ISLAND SURF | ___ LIGHTNING BOLT | ___ NIGHT GAME |
| ___ ISN'T THIS SOMETHING | ___ LIGHTNING STREAK | ___ NIGHT RULER |
| ___ IT'S MAGIC | ___ LION'S SHARE | ___ NO BIKINI ATOLL |
| ___ JAMES P. | ___ LOCAL COLOR | ___ NORA EILEEN |
| ___ JAZZED UP | ___ LONG'S PEAK | ___ NORDICA |
| ___ JAZZ ME BLUE | ___ LONESOME DOVE | ___ NORDIC ICE |
| ___ JESSE'S SONG | ___ LORILEE | ___ NORTHWEST PRIDE |
| ___ JE T'AIME | ___ LOS COYOTES | ___ NOTABLE |
| ___ JOHN KEARNEY | ___ LUCILLE RICHARDSON | ___ NOTHING BUT NET |
| ___ JOHNNY REB | ___ LULLABY OF SPRING | ___ OH JAMAICA |
| ___ JOYCE TERRY | ___ MADAME BOVARY | ___ O.K. CORRAL |
| ___ JOY JOY JOY | ___ MAGIC SHOW | ___ OKTOBERFEST |
| ___ JUAN VALDEZ | ___ MALLOW DRAMATIC | ___ OLD BLACK MAGIC |
| ___ JURASSIC PARK | ___ MANAGUA | ___ OLYMPIAD |
| ___ KATHLEEN KAY NELSON | ___ MARCY MICHELLE | ___ OMINOUS STRANGER |
| ___ KEVIN'S THEME | ___ MARIPOSA SKIES | ___ OPAL BROWN |
| ___ KILT LILT | ___ MARTHELLA | ___ ORANGE EMBERS |
| ___ KLONDIKE LIL | ___ MARY FRANCES | ___ ORANGE JUBILEE |
| ___ KNOCK 'EM DEAD | ___ MASTER PLAN | ___ ORANGE SLICES |
| ___ LACED COTTON | ___ MASTER TOUCH | ___ OREGON SKIES |
| ___ LACY PRIMROSE | ___ MELTED BUTTER | ___ OVERJOYED |
| | ___ MESMERIZER | ___ OSAKA |
| | ___ MICHIGAN PRIDE | ___ O'SO PRETTY |
| | ___ MIND READER | |

___ OVERNIGHT SENSATION

___ PACIFIC DESTINY

___ PAGAN GODDESS

___ PAINT IT BLACK

___ PANAMA HATTIE

___ PERSIAN BERRY

___ PINK CHARMING

___ POND LILY

___ PINK QUARTZ

___ PINK STARLET

___ PRESTIGE ITEM

___ PRETTY IS

___ PRETTY WOMAN

___ PRIVATE RESERVE

___ PRIVATE STOCK

___ PRIVATE TREASURE

___ PROGRESSIVE ATTITUDE

___ PROUD TRADITION

___ PUMPKIN CHEESECAKE

___ PURE AS GOLD

___ PURPLE PEPPER

___ QUEEN IN CALICO

___ QUEEN OF ANGELS

___ QUIET ELEGANCE

___ QUITO

___ RAINBOW GODDESS

___ RAIN MAN

___ RAMBLIN' ROSE

___ RARE OCCASION

___ RARE TREAT

___ RASPBERRY FUDGE

___ RASPBERRY SPLENDOR

___ RAVEN'S QUOTE

___ RAZZLEBERRY

___ RED HAWK

___ RHONDA FLEMING

___ RIDE THE WIND

___ RINGO

___ RIPPLING RIVER

___ RITE OF SPRING

___ RIVERBOAT BLUES

___ ROMANTIC EVENING

___ ROSALIE FIGGE

___ ROSETTE WINE

___ RUFFLED BALLET

___ RUFFLED COPPER SUNSET

___ RUFFLED GODDESS

___ RUFFLED SKIRTS

___ RUMBLESEAT

___ RUSTLER

___ SATURDAY NIGHT LIVE

___ SCARLET EMBERS

___ SHIPSHAPE

___ SHIRLEY M.

___ SIERRA GRANDE

___ SILVERADO

___ SIGHS AND WHISPERS

___ SILVER FOX

___ SKATING PARTY

___ SKIPALONG

___ SKY BLUE PINK

___ SKY HOOKS

___ SKYLARK'S SONG

___ SKYWALKER

___ SMART MOVE

___ SNEEZY

___ SOCIAL EVENT

___ SO FINE

___ SOLOIST

___ SOMERSAULT

___ SONG OF ANGELS

___ SONG OF NORWAY

___ SPANISH FIREBALL

___ SPEED LIMIT

___ SPELLBREAKER

___ SPICED GINGER

___ SPICED TIGER

___ SPIRIT WORLD

___ SPLASH OF RASPBERRY

___ SPRING PARASOL

___ STAIRWAY TO HEAVEN

___ STAR FLEET

___ STARLIGHT EXPRESS

___ STAR SAILOR

___ STEPPING OUT

___ STRICTLY BALLROOM

___ STRIKE IT RICH

___ STUDY IN BLACK

___ SUKY

___ SUNCATCHER

___ SUNNY BUBBLES

___ SUNRAY REFLECTION

___ SUPERSTITION

___ SUPREME SULTAN

___ SWEET MUSETTE

___ SWEETER THAN WINE

___ SWING AND SWAY

___ SWINGTOWN

___ TALL SHIPS

___ TANGUERAY

___ TANZANIAN TANGERINE

___ TELEGRAPH HILL

___ TEMPTING

___ TEMPTING FATE
___ TENNESSEE GENTLEMAN
___ TENNESSEE VOL
___ TENNESSEE WOMAN
___ TENNISON RIDGE
___ TEXAS GLORY
___ THAI ORANGE
___ THORNBIRD
___ THRILLER
___ THRILLSEEKER
___ THUNDER SPIRIT
___ TIGER HONEY
___ TIMBERWIND
___ TIMESCAPE
___ TINTINNABULATION
___ TITAN'S GLORY
___ TOASTED WATERMELON
___ TOM JOHNSON
___ TOTAL RECALL
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___ UNFORGETTABLE FIRE
___ URGENT

___ VANITY
___ VIBRATIONS
___ VICTORIA FALLS
___ VIGILANTE
___ VINTNER
___ VIOLET TIGER
___ VIVA MEXICO
___ VOLTAGE

___ WAR CHIEF
___ WATER BALLET
___ WATERWORLD

___ WENCH
___ WHERE THERE'S SMOKE
___ WHITE HEAT
___ WILD THING
___ WINDS OF CHANGE
___ WINI CONKLIN
___ WINNER TAKE ALL
___ WINTER OLYMPICS
___ WISHFUL THINKING

___ YAQUINA BLUE
___ YES

___ ZANDRIA
___ ZEBRA BLUSH

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