



# JC Raulston Arboretum

AT NC STATE UNIVERSITY

Planning and planting for a better world

Friends of the JC Raulston Arboretum Newsletter

Number 4, Summer 1998

## Director's Letter

### Watering, Weeding, and Waiting

by Bryce Lane

Summer at the JC Raulston Arboretum is a great time for visiting. However, be sure to bring plenty of water to drink. It has been a hot one so far, and that poses a few extra challenges for gardeners throughout the region. Our summer staff of Mitzi, Karen, Todd, Doug, and Sarah have been busy keeping the garden and collections in "tip top" shape. Much of their time has been involved in two typical summer time gardening activities, watering and weeding. In between these activities they have been busy propagating a myriad of very interesting and exciting plants. That's where the waiting comes in! Many of these plants will be featured at the NC Association of Nurserymen Trade Show, which is now re-scheduled for September 25, 26, 1998 in Charlotte, NC.

A large number of the plants being propagated will be available at the Annual Friends Plant Giveaway which is scheduled for Saturday, October 3, 1998, at the Arboretum. Make sure your membership is up to date so that you can participate.



**Gala in the Garden Co-Chairs May McMillan Benson, left, and Peggy Fain share a well deserved smile during the very successful Gala. See page 18 for more gala news. photo by Linda Watson**

The giveaway is an incredible event where a "sea" of people select from a "sea" of plants. It only takes about ten minutes for the plants to be chosen and amazingly, no one is injured or very disappointed! Be sure to mark your calendars.

The month of May was indeed a very busy one for the Arboretum. The Gala in the Garden was a smashing success. Congratulations to the Gala Committee for all their hard work and commitment. Catherine Maxwell and her colleagues from the CALS Development Office also deserve a special thank you. They worked tirelessly to

insure the event was memorable. Indeed it was a memorable Gala, with brief gale force winds and torrential rains occurring right before dinner. That did not dampen anyone's spirits. As we all stood shoulder to shoulder under the tents where the silent auction was being held, I saw nothing but smiles. The annual Gala was a smashing success, in that this year's event raised more than \$60,000 for the Arboretum. Thanks to all who helped.

Shortly after the Gala, the Department  
See **Director**, page 40

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## Editor's News

Our upcoming lecture and event schedule is so full of interesting things that I can only ask you to be sure and look carefully at the new calendar. Please come to as many lectures as your schedule allows. Standard starting time for **FOA lectures is 7:30 p.m.** in order to allow our friends in outlying areas to get home a little earlier. Remember, the lectures are still **free** to members! We can only do this because of the generosity of our speakers and those of you who support us through your membership payments. I can tell you that there is not another public garden in the country that brings its members such a high quality parade of speakers for free. We are happy to do it, and we hope you will continue to support us with your memberships and donations.

### Michael Dirr

Of special note this fall is the Michael Dirr lecture on November 6, 1998. Dr. Dirr generously agreed to help us raise money for the Education Center. The evening will include a wine and cheese reception, lecture, plant auction and book signing of the new edition of his *Manual of Woody Plants*. Wow! **Tony Avent** has agreed to be the auctioneer, so you know it's going to be great fun.

The **Propagation Workshop with Michael Dirr**, November 7, 1998, has a few spaces left, but not many. If you're planning on attending, please send in your registration soon.

## Seasons of the Perennial Borders

Starting in September, we are offering sessions that will provide an in-depth view of the Arboretum perennial borders. **Edith Eddleman** and **Douglas Ruhren** will lead twenty people on a tour through the borders, discussing identification and culture of the perennials of the season. There will be another session in October, one session during the winter, then monthly sessions beginning in the spring. All registration fees will be used to buy plants and supplies for the perennial borders. The cost is only \$20.00 a session. Please see the new Calendar to register for September and October. Look to future calendars for upcoming sessions.

## Misc.

For the first time, the Arboretum Calendar is stapled into the center of the newsletter. This allows us to do away with the large envelope. The idea is that you can remove the calendar and put it wherever you normally put the calendar. Let us know how this does or doesn't work.

The NC Nursery Association's trade show has been changed to September 25 and 26, 1998. This mainly effects us by changing the dates we need our army of volunteer baggers to get ready for the annual plant distribution to the wholesale nursery trade. See page 24 for further details.

### Photo not available

Catherine Maxwell and William Joslin at the Joslin Garden dedication. See page 23.

# Plant News

## Evaluation and Selection of Atlantic White Cedar Taxa

David Sandrock, Dr. Michael Dirr and Dr. Jean Williams-Woodward

### Introduction to Atlantic white cedar

Atlantic white cedar [*Chamaecyparis thyoides* (L.) BSP] is a member of Cupressaceae and is the only *Chamaecyparis* native to the eastern United States. Specifically, Atlantic white cedar is found along the eastern seaboard from Maine to Florida and west into Mississippi, and is adapted to zones 3 to 8. It grows mostly in pure stands along stream banks, in wet depressions and fresh-water bogs and occurs on shallow, peat covered soils underlain with sand.

In the wild, Atlantic white cedar is columnar in youth, forming a narrow spire-like crown at maturity and reaching a height of 12 to 15 meters (40 to 50 feet). However, cultivars of Atlantic white cedar display a wide range of growth habits. A collection of 52 taxa at the University of Georgia and the Center for Applied Nursery Research (CANR) in Dearing, Georgia includes compact, columnar, pyramidal, spreading, weeping, juvenile, blue, green, yellow and variegated forms.

Atlantic white cedar tolerates wet soils and performs well in garden situations. Because of rapid growth and variable growth habits, cultivars of Atlantic white cedar have the potential for groundcovers, shrubs, hedges, screens, groupings, specimens and Christmas trees.

The Georgia Christmas tree growers are excited about the many cultivars for the infusion of new foliage colors, textures and forms. Several growers envision the smaller types like 'Andelyensis', 'Little Jamie', 'Meth Dwarf' and 'Top Point' as table-top and container Christmas trees. At their annual meeting (1998) they mentioned that Leyland cypress (*Cupressocyparis leylandii* Dallim.) sales were within 2% of Virginia pine (*Pinus virginiana* Miller) in 1997 and will supersede the latter species in 1998. Indeed, the Christmas tree industry sees a possible future for Atlantic white cedar beyond the paradigm of the typical Christmas tree.

### Research and evaluation

In an energetic effort to foster interest and evaluation we are sharing collections with the JC Raulston Arboretum, the University of Maine, North Carolina Arboretum, Bernheim Arboretum and the University of Minnesota. In Georgia, plants have been given to any and all nurserymen who inquire. Replicated field plots have been established at the Department of Horticulture research farm, and at the Center for Applied Nursery Research (CANR) at McCorkle Nurseries a replicated container test was established March 11, 1997. The growth data presented in this article were taken from the plants at CANR in 1997. In 1997, 26 taxa were included in the study; 24 additional taxa were added on April 16, 1998.

Integrated with growth data are customer preference questionnaires. Visitors to CANR are requested to list their top five and bottom five Atlantic white cedar selections. Also, at the Georgia Green Industry Association (GGIA) January 1998 meeting eight of the best 26 taxa were displayed without names and evaluation forms were distributed to booth visitors. They were asked to rank them in order of aesthetic characteristics. The data for the CANR and GGIA evaluations are presented in tables 3 and 4, respectively.

The research component, beyond the above growth and aesthetic considerations, consists of controlled inoculations and screenings for various fungal diseases that are problematic on Leyland cypress (*Cupressocyparis leylandii*). These fungi are *Seiridium*, *Botryosphaeria* and *Phyllosticta*. Results from disease resistance screening, coupled with growth and development data, will be used to select cultivars of Atlantic white cedar as possible alternatives to Leyland cypress, and to select superior cultivars of Atlantic white cedar for their potential in the contemporary landscape. Leyland cypress is the standard for fast screening, hedging and grouping in southeastern landscapes. If the Atlantic white cedar clones do not grow as fast and/or possess disease resistance, then their promotion and use are questionable. Additional studies under consideration include cold hardiness and drought tolerance utilizing laboratory techniques for rapid screening.

See **Cedar**, next page

## Cedar, continued

**Table 1: Growth Data for Atlantic White Cedar Taxa**

The following information is based on one season's growth (March - October), considering an average starting liner height of 6 inches. Plants were potted up from 3-inch propagation cells to 3-gallon containers on March 11, 1997 and growth data were taken October 21, 1997. Half the plants were grown in full sun and half were grown in 30% shade to assess growth differences. Medium consisted of 6.25 parts bark : 1 part sand by volume. Osmocote 24-4-7 was incorporated in the medium at a rate of 10 to 16 pounds (depending on season and medium analysis), lime at 10 pounds, talstar at 2 pounds, micromax at 2 pounds and gypsum at 1.6 pounds, all per cubic yard. The plants were not pruned at any time during the growing season.

Measurements as of 10-21-97

<b>Plant (Source)</b>	<b>height (inches)</b>	<b>width(inches)</b>
'Andelyensis' (Appalachian)	16.25	10.25
'Andelyensis' (Arnold Arboretum)	13.00	9.33
Arnold Arboretum 1022-84	36.00	34.83
Arnold Arboretum 129681	23.20	24.60
Arnold Arboretum 13047	33.00	27.00
'Aurea' (Dilworth)	24.67	26.08
'Blue Sport' (Dilworth)	34.50	31.75
Compact Form (Okefenokee)	29.25	21.50
'Compacta Glauca' (Smotherman)	18.00	27.50
Dodd Form (Tom Dodd Nurseries)	32.00	23.25
'Ericoides'	16.50	14.50
'Glauca' (Smotherman)	19.00	26.67
'Little Jamie' (Smotherman)	10.50	6.50
'Meth Dwarf' (Greer)	11.00	7.50
Raulston Form (J.C. Raulston)	36.20	21.00
'Red Star'	17.00	10.00
'Rubicon' (Hines)	15.60	8.40
'Shiva' (Towe)	20.80	17.80
'Top Point' (Greer)	9.00	6.00
'Twombly Blue' (Ken Twombly)	25.75	31.75
'Variegata' (Dilworth)	20.00	18.00
'Emily' (Formerly Webb #1) (Superior Trees)	35.50	24.75
'Rachel' (Formerly Webb #2) (Superior Trees)	25.00	20.80
'Webb Gold' (Superior Trees)	19.75	22.25
#23-WL (Fern Valley Farms)	29.50	28.50
#23-WL Witch's Broom (FVF)	31.50	22.50

See **Cedar**, next page

# Plant News

## Cedar, continued

**Table 2: Growth data and evaluation of container grown Atlantic white cedar**

Notes from the Center for Applied Nursery Research (10-9-97)

(Winter foliage data taken 12-9-97)

'Andelyensis' (Appalachian)

- Color is pfitzer sage green. 16" tall x 8" wide.
- 30% shade= 18" tall x 6" wide.
- Compact grower.
- Purple tips on winter foliage.

'Andelyensis' (Arnold Arb.)

- Color is pfitzer sage green. 12" tall x 9" wide.
- 30% shade= 17" tall x 8" wide.
- Compact grower.
- Purple tips on winter foliage.

AA 1022-84

- Loose, irregular, open form. Fast grower. Growth is stringy like *C.p.*'Filifera'. Color is pale green. 36" tall x 24" wide.
- 30% shade= 32" tall x 24" wide. Heavy grasshopper damage.
- Grey-green winter foliage with significant needle drop.

AA 129681

- More uniform, spreading. Color is medium green. 24" tall x 24" wide.
- 30% shade= 24" tall x 27" wide. Spreading, open.
- Grey-green winter foliage.

AA 13047

- Upright graceful growth. Not dense. Blue-green glaucous foliage. 34" tall x 15" wide
- 30% shade= 28" tall x 24" with Heavy grasshopper damage.
- Grey-blue-green winter foliage.

'Aurea'

- Yellow-green foliage. Loose and open form. Gold is more prevalent on new growth. 26" tall x 20" wide.
- 30% shade= 22" tall x 18" wide. Yellow coloration is reduced.
- Bronze-gold winter foliage.

'Blue Sport'

- Blue-green foliage. Upright growth with potential for strong central leader. 34" tall x 15" wide
- 30% shade= 28" tall x 15" wide. More open.

- Nice blue winter foliage.

Compact form (Okefenokee)

- Bright green foliage. Upright growth with potential for strong central leader. 28" tall x 18" wide.
- 30% shade= 32" tall x 18" wide.
- Green with purple tips on winter foliage.

'Compacta Glauca'(Smoth.)

- Blue-green foliage. (med.) Spreading. 12" tall x 24" wide.
- 30% shade= 8" tall x 25" wide.
- Blue winter foliage.

Dodd form

- Bright green. Looser and open but with central leader. 34" tall X18" wide.
- 30% shade= 36" tall x 18" wide.
- Purple tips on winter foliage. Significant needle drop.

'Ericoides'

- Foliage is grey-green and juvenile. Needles at 90% angle to stem. Open. 17" tall x 11" wide.
- 30% shade= 22" tall x 8" wide. Open and spreading.
- Purple winter foliage.

'Glauca'(Shumacher)

- Blue-green foliage and spreading habit. 12" tall x 24" wide. -30% shade= 11" tall x 22" wide.
- Blue winter foliage.

'Little Jamie'

- Pfitzer sage green. 10" tall x 5" wide.
- 30% shade= 13" tall x 5" wide.
- Green winter foliage with slightly purple tips.

'Meth Dwarf'

- Pfitzer sage green. 11" tall x 8" wide.
- 30% shade= 13" tall x 6" wide.
- Green winter foliage with slightly purple tips.

Okefenokee seedlings

- Irregular. 40" tall.
- 30% shade= Irregular. 40" tall x 22" wide.
- Green winter foliage with significant needle drop.

Raulston Form

- Off grey-green, more green than grey. Central leader. Softer texture. 36" tall x 14" wide.
- 30% shade= 42" tall x 18" wide.
- Vigorous grower
- Green winter foliage with significant needle drop.

See **Cedar**, next page

# Plant News

## Cedar, continued

### 'Red Star' ('Rubicon')

- Medium green. 16" tall x 7" wide.
- 30% shade= 13" tall x 5" wide. Loose and open.
- Blue-green winter foliage with purple tips.

### 'Rubicon' ('Red Star')

- Medium green. 15" tall x 6.5" wide.
- 30% shade= 14" tall x 6" wide. Loose and open.
- Blue-green winter foliage with purple tips.

### 'Shiva'

- Dull grey-green foliage, distinctly juvenile. Very dense. 18" tall x 16" wide.
- 30% shade= 13" tall x 14" wide. *Pestalotia?* Diseased shoot tips similar to what occur on *Cryptomeria*.
- Soft green winter foliage.

### 'Top Point'

- Pfizer sage green. 9" tall x 5.5" wide.
- 30% shade= 10" tall x 5" wide.
- Green winter foliage with slightly purple tips.

### Twombly Blue

- Blue-green foliage. Open with potential for central leader. 33" tall x 18" wide.
- 30% shade= 28" tall x 14" wide. Very loose and open.
- Grey-blue winter foliage with significant needle drop.

### 'Variegata'

- Open growth. Blotchy creamy yellow. Had not burned or scorched. 16" tall x 18" wide.
- 30% shade= 22" tall x 12" wide.
- Blotchy gold winter foliage.

### 'Emily' (Formerly Webb #1)

- Bright green foliage. Central leader. 38" tall x 18" wide.
- 30% shade= 42" tall x 22" wide.
- Vigorous grower.
- Purple tips on winter foliage. Some needle drop.

### 'Rachel' (Formerly Webb #2)

- Bright green foliage. Central leader. 22" tall x 15" wide.
- 30% shade= 30" tall x 17" wide.
- Green winter foliage with purple tips. No needle drop.

### 'Webb Gold'

- Creamy yellow variegation suffused over canopy. More prominent on new growth. Irregular but dense. Gold is richer in full sun. 18" tall x 18" wide.

-30% shade= 18" tall x 20" wide. More cream coloration than gold.

-Retains gold on winter foliage.

### #23 WL (FVF)

- Green foliage. Loose. 28" tall x 24" wide.
- 30% shade= 32" tall x 22" wide.
- Grey-green winter foliage.

### #23 WL Witches Broom

- Looser than Dodd form. Green. 29" tall x 18" wide.
- 30% shade= 31" tall x 24" wide.
- Grey-green winter foliage.

**Table 3: CANR survey results (24 total surveys)**

<u>Top 5</u>	<u>Number of times on the top 5 list</u>
'Shiva'	18
'Webb Gold'	16
'Rachel' (Webb #2)	15
'Andelyensis' (App)	11
Raulston Form	10
<u>Worst 5</u>	<u>Number of times on the worst 5 list</u>
'Ericoides'	10
AA 1022-84	9
'Twombly Blue'	8
'Aurea'	7
AA 13047	6

**Table 4: GGIA survey results (77 total surveys)**

<u>Atlantic white cedar taxa</u>	<u>Number of times picked #1</u>
Okefenokee Compact	21
'Red Star'	16
'Rachel' (Webb 2)	15
'Shiva'	14
'Andelyensis'	6
AA 13047	4
'Webb Gold'	1
'Blue Sport'	0

See **Cedar**, next page

## Cedar, continued

### Superior *Chamaecyparis thyoides* Taxa

'Rachel' (Formerly Webb #2) is a vigorous grower with a strong central leader. The foliage is a bright green in the summer and has purple tips in the winter. 'Rachel' holds its needles well and has potential to remain full all winter. Its upright, dense habit makes it a definite candidate for an alternative to Leyland cypress.

'Blue Sport' grows upright and has potential for a central leader. It is somewhat open in habit and will require pruning. It has the bluest foliage of the collection and retains its color into fall and winter.

'Shiva' has a loose rounded growth habit with distinctly juvenile foliage. Foliage is grey-green and very dense. Winter foliage is a soft green with little to no needle drop. Tends to brown out in the center with age and may prove to be a *Chamaecyparis pisifera* Sieb. & Zucc. form.

'Webb Gold' has a dense upright to rounded habit. It features a creamy yellow variegation which is suffused over the canopy. Variegation is more prominent on new growth and is retained into fall and winter with little or no needle drop.

**Compact Form** (Okefenokee) is a vigorous upright grower with bright green summer foliage. Winter foliage has purple tips and there is little needle drop. It is much like 'Rachel' in growth and foliage characteristics.

'Andelyensis' is preferred as a compact or dwarf form. Its foliage is pfitzer sage-green to blue with purple tips in fall and winter. Its habit is pyramidal and upright yet compact.

## Protocol for the Cutting Propagation of Atlantic White Cedar

### *Chamaecyparis thyoides* L.

Take cuttings in late fall or early winter (October, December) after the first cold spell; however, cuttings can be rooted year-round.

Make cuttings 10 to 15 cm (4 to 6 inches) long.

Strip the bottom 1/3 of needles from the cutting.

Dip cuttings in 3000 ppm indole-3-butyric acid-potassium salt (KIBA) for 5 seconds (quick dip)

Stick the cuttings 1 inch deep in a media of 3 parts perlite : 1 part peat; v : v, using 3- inch propagation cells.

Place the cuttings under intermittent mist. Bottom heat will speed up the rooting process, particularly in the winter months.

Cuttings root in 4 to 6 weeks.

Remove the cuttings from the mist and topdress each cell with a slow release fertilizer. ■

*The Arboretum has most of the above cultivars in its extensive conifer collection located in the northeast corner of the Arboretum. Please consult the Current Plantings booklet, in the Visitors Entrance, for exact locations. The Current Plantings booklet is now available for purchase in the volunteer office for \$5.00. It is also available by mail (\$7.00) from The JC Raulston Arboretum, Box 7609, NCSU, Raleigh, NC 27695. Make your check payable to: The NC Ag Foundation. -- JN*



# Plant News

## Winter Annual Trial Summary

by Douglas A. Bailey  
Associate Professor, Department of  
Horticultural Science, NC State  
University

During November 1997 through April 1998, we evaluated 152 pansy selections, 31 viola entries, and two English daisies; and recorded how well they performed in the North Carolina landscape.

The trial gardens are located at the North Carolina State University Horticulture Field Laboratory, 4301 Beryl Road, in Raleigh, NC. The site is located on lat. 35°47'N, long. 78°42'W with an elevation of 400 feet. Transplants grown in 2.5 inch by 2.2 inch containers were planted in the trial garden on 4 November 1997, and plant spacing in the trial was 10 inches in-row, and 12 inches between-row. Twelve plants of each entry were used to evaluate the performance of single-color cultivars, and 24 plants (two rows) were evaluated for each mix.

With the exception of November, weather during the winter and spring of 1998 was extremely mild. Temperatures in December, January, February and March were above normal. November and April were below normal. Overall, the seasonal daily average temperature was 49.0, 2% above (1.1 °F above) the 30 year average of 47.9 °F for the same time period.

Precipitation fluctuated during the six month trial with three months well above average, one month with average precipitation, and two months slightly below average. Overall, we received 30.6 inches of precipitation, which is 40% above our 21.8 inch average precipitation for the six month period. It was an extremely wet winter.

The fertilization program for the plants consisted of preplant incorporation of 17-17-17 and monthly broadcasts of 15.5-0-0 through March. No pesticide applications were made during the evaluation in order to document major problems, and no major pest or disease problems were noted at any time during the trials.

We are indebted to the following companies for supporting our 1997-98 winter trials:

- BALL Ball Seed Co., P.O. Box 335, West Chicago, IL 60185
- BEN Ernst Benary of America, Inc. 1444 Larson Street, Sycamore, IL 60178
- BG Bodger Seeds Ltd., 1800 North Tyler Avenue, Lompoc, CA 91733-3618
- FN Floranova, 106 Third Street, San Juan Bautista, CA 95045-1362
- GOLD Goldsmith Seeds, Inc., P.O. Box 1349, Gilroy, CA 95020
- NOV Novartis Flower Seed Inc., 5300 Katrine Avenue, Downers Grove, IL 60515
- PA Pan American Seed, 1017 W. Roosevelt Road, West Chicago, IL 60185
- SAK Sakata Seed America, Inc., P.O. Box 158, Wrens, GA 30833
- WALL Waller Flowerseed Company, 400 Obispo Street, Guadalupe, CA 93434

Appreciation is also expressed to Fafard, Inc., P.O. Box 26, Ander-

son, SC 29622; and to the North Carolina Commercial Flower Growers' Association for their donations to and support of the 1997-1998 winter annual trial garden.

### Leaders of the Pack

The following were selected in 1998 on their ability to survive our tragically wet winter. "Leaders of the Pack" were selected for consistent, dependable full-season performance as a source of color and beauty in the landscape.

#### Pansies:

**White—Blotch:** 'Rally White Blotch Improved' (BALL), 'Skyline White' (S&G), 'Fama Dark-Eyed White' (BEN), 'Accord/Banner White Blotch' (GOLD)

**Yellow—Clear:** 'Baby Bingo Yellow' (BALL), 'Clear Sky Primrose' (S&G), 'Accord/Banner Clear Primrose' (GOLD)

**Yellow—Blotch:** 'Fama Dark-Eyed Lemon' (BEN), 'Delta Primrose w/ Blotch' (S&G), 'Skyline Yellow' (S&G), 'Universal Plus Yellow Blotch' (GOLD), 'Rally Yellow w/ Blotch' (GOLD), 'Rally Yellow w/ Blotch' (BALL), 'Happy Face Yellow' (BG), 'Majestic Giants Yellow w/ Blotch' (SAK)

**Rose—Blotch:** 'Accord/Banner Rose Blotch' (GOLD), 'Majestic Giants Rose Shades' (SAK)

**Red—Clear:** 'Delta Pure Red' (S&G)

**Red—Blotch:** 'Accord/Banner Red Blotch' (GOLD), 'Skyline Red' (S&G)

**Red / Yellow:** 'Accord/Banner Red Wing' (GOLD)

**Blue—Clear:** 'Baby Bingo Denim' (BALL), 'Rally True Blue' (BALL), 'Fama Silver Blue' (BEN), 'Accord/Banner Clear Blue' (GOLD), 'Clear Sky True Blue' (S&G), 'Atlas Blue Splash' (BG)

**Blue—Blotch:** 'Rally Light Blue w/ Blotch' (BALL), 'Rally Deep Blue

See **Bedding**, next page



## Bedding, continued

w/ Blotch' (BALL), 'Bingo Blue w/ Blotch' (BALL), 'Happy Face Blue' (BG), 'Delta Blue w/ Blotch' (S&G), 'Accord/Banner Blue Blotch' (GOLD), 'Super Majestic Giants Ocean' (SAK), 'Super Majestic Giants Blue Cap' (SAK), 'Majestic Giants Blue Shades' (SAK)

**Purple—Clear:** 'Baby Bingo Midnight' (BALL), 'Fama Purple' (BEN), 'Universal Plus Lavender' (GOLD), 'Ultima Lavender Shades' (SAK)

**Purple—Blotch:** 'Rally Lilac Cap' (BALL)

**Purple / White:** 'Baby Bingo Beaconsfield' (BALL)

**Black—Clear:** 'Clear Black' (PA), 'Springtime Black' (FN)

### Violas:

'Penny Violet Flare' (GOLD), 'Penny Azure Wing' (GOLD), 'Penny Primrose' (GOLD), 'Penny Violet Beacon' (GOLD)

## Exceptional Performance Winners

Each year, the best of the best, those cultivars that exemplify outstanding performance during the trials, will be recognized as Exceptional Performance award winners. The winners are judged on full-season performance and are recommended as outstanding selections for our region. Growers, retailers and landscapers are encouraged to consider these cultivars first for their winter and spring color needs. Only three cultivars were selected from 185 entries in the 1997–1998 winter trial:

Viola, 'Sorbet Blue Heaven' (WALL)  
Viola, 'Alpine Summer' (NOV)  
Viola, 'Penny Blue' (GOLD)

The number of pansies and violas continues to increase each year, and the quality appears to improve as well. However, there is still a need for contrasting plant materials during our cool season in the Southeast. Hopefully other companion plants will be discovered in the future.

The entire trial report including weekly evaluations of each cultivar is available on the NC State Floriculture web site at, [www2.ncsu.edu/floriculture/](http://www2.ncsu.edu/floriculture/) If you do not have access to the internet and would like a copy of the full report, contact Brian Whipker at 919-515-5374 and request Horticulture Research Series No. 131. ■

## Arboretum Plants Under Evaluation

by Bryce Lane

The following is a list of some of the many plants that are being looked at as possible candidates for introduction to the North Carolina Nursery and Landscape industry. These plants were featured during my presentation at the North Carolina Turf and Landscape Field Day, which was held at the Horticultural Field Lab and JC Raulston Arboretum on May 20, 1998. Some of these plants will be included in the plant distribution during the Charlotte NCAN Trade Show that is now scheduled for September 25 and 26, 1998.

1. *Berberis* spp. This selection of barbery was planted in the Arboretum many years ago and forgotten. As a mature semi-evergreen shrub, this blue-green leaved plant is wide spreading and medium in size. The leaves turn an attractive slate blue

at different times during the year. The plant produces small attractive yellow flowers in mid to late May. This barbery might be a selection of *Berberis wilsoniae*, a good performer.

2. *Celtis choiseniana* One of a few Asian hackberries in the arboretum collection that shows great promise. A medium tree with an attractive oval habit, this tree has great potential as a residential shade tree for smaller properties. The foliage is a lustrous dark green and does not scorch or fade in the hot summers of the southeast.

3. *Lindera umbellata* and other species. This group of medium deciduous shrubs has much potential for the future. With rich green foliage, subtle yellow flowers, and occasional fruit this group of plants is most known for their fabulous fall colors. *L. umbellata* glows a yellow-red in mid- November adding much needed color in late fall.

4. *Agarista populifolia* A vigorous evergreen shrub with bright green lanceolate leaves. Flowers produced are white in long racemes. Wide spreading habit with attractive arching branches. Leaf spot resistant, performing well in moist shady locations. A wonderful selection for southern shade gardens. Also demonstrates tolerance to full sun locations. Careful, this plant can grow quite large!

5. *Styrax japonica* 'Snowfall' A superior seedling selection from a planting on the NC State campus. A small tree with an incredible oblong to round habit of growth. The habit is so attractive and distinct, it is still quite noticeable in the winter as a leafless tree. Foliage is dark green and attractive even in the dead of

See **Evaluation**, next page

## Evaluation, continued

summer. Flowers are small, slightly fragrant and incredibly profuse, reminding one of a heavy snowfall. Great news, this *Styrax* appears to root easily from cuttings!

6. *Trochodendron aralioides* A large, shiny leaved evergreen shrub to small tree that is slow growing with aromatic bark. The leathery leaves emerge light green to yellow green and turn darker with time. Flowers are also green, in terminal racemes during late spring to early summer. Very striking shrub.

7. *Tiawania cryptomerioides* A rare conifer with a distinct conical habit resembling a Norfolk Island Pine. Branches appear pendulous, with drooping branchlets. Plant requires a sheltered location. Literature states that it shouldn't be able to grow here but is surviving nicely. Related species *T. flousiana*, smaller and more tightly branched is supposedly more cold hardy. ■

## Summertime Blues

by Pam Baggett

Is it the relative scarcity of blue-tinted flowers and foliage that makes blue such a popular color with gardeners? I know my garden has benefited from the addition of the blue, yellow and white border which I planted three years ago. I chose that particular color scheme to highlight true blue flowers while separating them from competing purple tones. In my 50'x 20' bed the colors change from soft blue, pale yellow and white at the front to deeply saturated cobalt and gold at the far end.

## Perennial Salvias and Their Companions

Salvias are a mainstay of my blue border and none is finer than *Salvia guaranitica* (zones 6-10). Beginning in June and lasting until frost, cobalt blue, tubular flowers top 3-5" tall stems clothed in emerald green leaves. Mine bloom amidst a succession of golden flowers: shrubby *Hypericum kouytchense* opens its powderpuff flowers in June; *Heliopsis scabra* produces its sunny yellow daisies from June until August; and *Helianthus angustifolius* adds its early autumn sunflowers for a last show before frost. Although the species is lovely enough, two new selections caught my eye this past year: *Salvia guaranitica* 'Black and Blue' (zones 7-10) has its cobalt blue blooms held in rich black calyces, while 'Omaha' (zones 8-10) sports deep green foliage with a wide chartreuse rim. The variegation on 'Omaha' disappears once summer temperatures rise and reappears as nights cool again in late summer. Its flowers are the typical blue of the species. Hummingbirds adore the blossoms of *Salvia guaranitica* in any of its forms, adding another excellent reason to grow this magnificent perennial. It is easily propagated by spring division or by cuttings at a most any time during the growing season.

The extra-large, deep navy blue flowers of *Tradescantia* 'Zwanenburg Blue' makes a compelling match to the dark blue forms of *Salvia guaranitica*. Like most of my spiderworts, 'Zwanenburg Blue' comes into bloom in late spring and produces its curious three-petalled blossoms daily until mid-July, when it begins to tire. At that point, I cut it to the ground, taking every leaf and flower stem. I give it a deep drink of water, and it sends up fresh new foliage within a week or two. Flow-

ering recommences in another couple of weeks and lasts until frost. To keep my patch of 'Zwanenburg Blue' true to name, I rogue out any seedlings which appear and always propagate by division.

I grow 'Zwanenburg Blue' and *Salvia guaranitica* with a third, richly blue compatriot: *Veronica* 'Sunny Border Blue', which provides a summer-long season of tiny flowers densely packed on elegant spires. I deadhead the spent flower spikes to encourage repeat flushes of bloom. For commercial production, propagate by cuttings. Home gardeners can divide their clumps in spring.

Another selection of *Salvia guaranitica*, 'Argentine Skies' (Zones 6-10), holds court at the pastel end of my border. Its flowers are misty blue tinged with gray, the color of the sky early on a summer morning. In my border it blooms all summer with icy yellow four o'clocks (*Mirabilajalapa*) and a splendid blue-bladed grass, *Sorghastrum nutans* 'Sioux Blue' (zones 4-9). I first saw 'Sioux Blue' at Longwood Gardens a few years ago and couldn't wait to get my hands on a clump. Its pale blue foliage rises on matching blue stems to 4". In mid-summer 6" tall, glowing coppery plumes bedeck the foliage. 'Sioux Blue' isn't as refined looking as some grasses, especially miscanthus. Although some gardeners call 'Sioux Blue' coarse, I love its airy, natural look.

When I get around to digging and moving a clump, the powder blue leaves of *Rudbeckia maxima* (zones 5-8) will make a nice color echo for 'Argentine Skies' and 'Sioux Blue'. *Rudbeckia maxima* makes bold rosettes of collard-size

See **Blues**, next page

## Plant News

### Blues, continued

leaves which I love as much as its golden coneflowers shooting skyward on 6" stems. After it blooms in early summer I cut back the rudbeckia's flower spikes and it repeats with a few shorter flower stems. I make sure to corral my rudbeckia with a peony hoop in early spring. The rudbeckia's jumbo leaves hide the hoop while it does its job of keeping the flower stems upright. I've heard that on sandy soils *Rudbeckia maxima* stands well on its own. Both 'Sioux Blue' and *Rudbeckia maxima* reproduce well by division.

I have a love/hate relationship with bog sage, *Salvia uliginosa*. Its small turquoise blue flowers, produced for months on end, blossom in narrow wands atop its willowy 6" stems. Fresh flowers, beloved of bumblebees, open each morning. These are shed by noon on our hottest summer days but last until evening in cool or cloudy weather. But while *Salvia guaranitica* slowly forms large clumps, bog sage can stage a border takeover in a single year. I spend an hour each spring digging out sprigs that reach beyond the 4' clump I intend to keep. At least I should, and if I don't I spend the entire summer trying to wrestle shoots from amongst clumps of other perennials. If you decide to grow it, you will have plenty of divisions to spare, and I suppose cuttings will root as easily as most salvias.

### Blue Flowers and Golden Foliage

*Veronica* 'Trehane' produces a blue and yellow border in miniature. The vivid chartreuse leaves of this low grower bear mid-spring spikes of bright blue-violet blooms. Later the 6" tall foliage provides a nice

contrast for *Tweedia caerulea* (*Oxypetalum caeruleum*), a blue-flowered relative of our native orange butterfly weed. *Tweedia* flowers in an odd and utterly captivating shade of blue-green, unlike any other plant I've ever grown. Its lanky stems tend to sprawl, and its flowers look their loveliest entangled in the mass of yellow veronica foliage. *Tweedia* isn't hardy for me, but I expect it could be for gardeners with well-drained soil. I replant it every year from seed freshly sown the previous summer. Cuttings are said to work as well.

*Caryopteris x clandonensis* 'Worcester Gold' makes a stellar color echo for *Veronica* 'Trehane'. With its bold chartreuse leaves, 'Worcester Gold' forms a slowly spreading shrub 3' high by 5' wide. The branches root by layering themselves as they grow. Digging the rooted stems in spring is an easy way to contain its width and obtain a few extra plants. In cool climates quite unlike North Carolina, 'Worcester Gold' keeps its golden color all summer long. In my garden the leaves turn to lime green just as the flower buds form in early August. Its whorls of pale blue blossoms attract masses of swallowtail butterflies during their month-long bloom season. I grow 'Worcester Gold' as a cut-back shrub and prune the stems back to 6" stubs in late winter. To propagate by cuttings, use a quick dip rooting hormone for woody plants.

### Plumbago and Other Ceratostigma

Many gardeners are familiar with ground-covering *Ceratostigma plumbaginoides*, though perhaps by the less tongue-twisting name of plumbago. Its brilliant blue flowers appear in late summer, at the same time as two other members of the genus: *C. willmottianum* and *C.*

*griffithii*. *Ceratostigma willmottianum* is a shrubby member of the genus, growing to 18" in height and width. The flowers are the same bright blue of plumbago, and it blooms at the same time of year. In most years *C. willmottianum* dies to the ground in my garden but reemerges from its crown. In unusually severe winters I lose it entirely. *Ceratostigmas* are slow to awaken in spring, so at this writing I can't say yet whether the *C. griffithii* I planted last year will return. I got mine from Plant Delights Nursery, where it survived a 0 degree spell on their sandy soil. I hope it comes back on my clay, because I enjoyed its blue flowers as much as those of its cousins. It is shrubby like *C. willmottianum*, but spreading to make a 2-3' wide clump about 2' high.

These ceratostigmas bloom in late August and September, making a fine contrast to the many golden flowers of late summer. I try to remember to root cuttings of the shrubby ceratostigmas in mid-summer, because they don't root well once they come into bloom. I have occasionally found seedlings of *C. willmottianum* in spring, although it is by no means a prolific seeder in my garden.

Since I added all of these fine blue plants to my garden, I never mind having the "blues." In shades of turquoise and cobalt, blue-green and blue-violet, they add immeasurably to the rich palette of summer pleasure. ■

*Pam Baggett is owner of Singing Springs Nursery in Cedar Grove, NC.*

*This article is reprinted from Nursery Notes, April/May, 1998.*

# Garden News

## The Labyrinth Garden: A Sacred Space for Healing

by Natalie Sadler

Nestled between the new learning center site and the redbud collection is a circle of 69 leyland cypress trees standing 20 feet tall. On the southern side, a six foot opening between the trees allows entrance. A simple stone path begins in the entrance and leads one in a single, circular route to the center of the garden. Plants grow in the spaces bordering the path and sometimes between the stones. This sacred space is The Labyrinth Garden.

A sacred space by definition is a place where two worlds flow into each other: the visible and the invisible. A labyrinth is a sacred circular path evolved from a simple spiral that brings centeredness and healing to all who chose to walk it. It is a path with only one way in and out, and no high walls to conceal the path. The center of the labyrinth can always be seen. It allows a right-brained experience nurturing whole vision, empathy, patience, organic unfolding and movement, intuition, community and reverence for nature. It is different from a maze, which is designed to be a left-brained puzzle having high walls, many routes, and a concealed center.

The labyrinth is an archetype, a symbol found in ancient cultures around the world dating back to at least 4000 years. Our labyrinth design is a Classical Seven Circuit Labyrinth. This particular design is found on Cretan coins of 500 BC, and in England on palm-sized stone carvings in Rocky Valley, Cornwall, that date to 1500 BC. The one inscribed on a clay tablet in King Priam's palace at Pylos in Greece has been carbon dated to 1230 BC. The largest concentration of Classical Labyrinths is found on the coasts of Sweden, Finland, and Estonia where fishermen walked them until the end of the last century to insure a good wind and a good catch.



During the Middle Ages, an eleven-circuit labyrinth pattern emerged and was designed into the floor stones of many cathedrals in Europe. This pattern was laid in the floor of Chartes Cathedral in France in the twelfth century. The labyrinths in Grace Cathedral in San Francisco and Unitarian Universalist Church of Arlington, VA replicate this design.

Carl Jung called the labyrinth an "archetype of transformation." The transformation occurs during and after walking the labyrinth. People in transitional periods find a calmer perspective, those with untapped gifts to offer have their creative fires rekindled, and walkers dealing with grief experience peace. Walking

toward the center is a process of shedding and letting go, reaching the center is symbolic of reconnecting with your own center, pausing as long as you need at the center of the garden, feeling the energy, and then walking out gathering strength and energy to reconnect with the world. You might use this process to answer questions, solve problems, heal or express gratitude.

How you walk the path is a choice. Children express great delight with giggles and laughter as they walk our stone path. Some people are very quiet. Many people are deeply affected. We suggest that you walk the path mindfully, being non-judgmental, in an open, receptive frame of mind and later reflect on the experience. Often walking the labyrinth presents insights, metaphors, images and dreams.

How the labyrinth works is a mystery. We invite you to "experience the experience" and the mystery. The average walk takes about a half to three-quarters of an hour. Walkers should move at their own individual pace. The Labyrinth Garden is open daily for all to walk from 8 am to 8 pm.

### References:

*Walking A Sacred Path: Rediscovering the Labyrinth as a Spiritual Tool*, by Dr. Lauren Artress, Cannon for Special Ministeries at Grace Cathedral in San Francisco, CA.

*Labyrinths: Ancient Myths & Modern Uses and Labyrinth Letter TM* by Sig Lonegren at [www.azlink.com/~labyrinthltr/articles.htm](http://www.azlink.com/~labyrinthltr/articles.htm).

The Labyrinth Project, Unitarian Universalist Church of Arlington, at [labyrinthuuc@juno.com](mailto:labyrinthuuc@juno.com).

The Labyrinth Center, Fairview, NC at [Labyrinthkeepers@worldnet.att.net](mailto:Labyrinthkeepers@worldnet.att.net) and [www.heartspace.com](http://www.heartspace.com) ■

### Pretty in White

by Barbara Church

The following article is reprinted from The Raleigh News and Observer.

From mud pit to showplace in less than a year, the new Klein-Pringle white garden at the JC Raulston Arboretum is inspiration to procrastinators everywhere – gardeners and otherwise: Just do it – and good stuff will happen quicker than you think.

Passing under the Arboretum's funky weathered wood entrance you come out onto a paved courtyard with a lawn pavillion. Off to the right, astilbes are mingling with Virginia sweetspire (*Itea virginica*) right under the nose of a serious group of oakleaf hydrangeas. A young lotus is preening in the pond. The plants not yet blooming their white heads off are filling out fast and obliging with a stylish contrast of texture and form. This is a new white garden.

No one ever looked to horticulture for instant gratification (the three year rule of thumb is "sleep, creep, leap", remember?), so early success has the garden co-curators Jeff Briggs and Karen Jones modestly pleased with themselves. "It does look pretty good if you think that 8 months ago this was still a red clay hole," says Briggs, a landscaper architect with City Gardener in Raleigh who donated his time to design the structural bones of the space.

His collaborator, Jones, who works part time as the arboretum's garden technician, considers him "the keeper of the garden's Big Picture – the overall vision. "Let's say Jeff

handles the design process and I am the gardening process and we occasionally don't see things the same way!"

They are still arguing over the giant butterbur (*Petasites giganteum*) that Briggs planted near the pool "Don't call it 'invasive', call it 'exuberant'," he grins. "It's under control," he insists, then asks, "Come on, don't those huge, course leaves look great near the lotus?" Jones rolls her eyes.

"We actually do work well together," she admits. "Thank God for Jeff. I was completely overwhelmed when they offered me the job of curator. I know about plants, but as for laying out the space architecturally? I was way over my head." She gives him a friendly shove with her shoulder but can't resist adding "I almost lost it when I came out here the first day construction began and it was just trees and rocks and mud. It was really scary to see all those walls with no plants. I though, 'Oh boy, we've made a big mistake.'

"You sure don't want to blow it when you're spending someone else's money," she adds. Mary Jo and James Pringle of Kinston had donated \$27,000 to rework the small existing white garden making it a memorial to her parents, Mr. and Mrs. Frederick Klein, both dedicated gardeners.

Briggs defends some of his choices by explaining the wear and tear that accompanies the arboretum's now 100,000 plus visitors a year. "The entrance was being beat to dust" he stresses. "Grass didn't have a chance, so pavers were the answer. I wanted low stone walls to separate and define the new space." Even garden benefactress Pringle admits to being "a bit afraid at first. The initial effect was a little hard edge." Now the plants are quickly

softening the picture and everyone is happy. "Especially the lunch-time crowd that comes to sit on the walls in the sun. You can't believe how many Neomonde take-out containers we collect on a good day," Briggs smiles. (Neomonde is a popular Middle Eastern deli just down Beryl road.)

Briggs knew renovating the old garden was going to be quite an undertaking. There would be inevitable criticism and he didn't want to deal with it at first. "The old white garden had served its purpose and the time had come to change things, but that's not always the easiest thing to do," he says. "When Karen first approached me, I said 'Thank you so much, but no way.' This was going to be very high profile. You get involved in JC's white garden, I thought, and you're sticking your neck out. Everyone in the plant world will have an opinion on how you could do it better."

Arboretum found Dr. JC Raulston, who was celebrated by horticulturists worldwide for his enthusiasm, superhuman energy and creative vision, was killed in a car accident December, 1996. The renovation of the white garden had become a priority project for him before he died.

Briggs accepted the job "because nobody can say no to Karen," he grins, "and because this is a very amazing place. JC kindled such spirit. Tony Avent (a plant collector and nurseryman who studied with Raulston) said 'JC encouraged us by challenging us to succeed.' That's what happens out here everyday and I got caught up in it." The arboretum exists because of memberships and donations and legions of volunteers. There is no

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## Garden News

### White, continued

state funding “There’s a permanent staff of one,” Briggs points out.

Fueled with the Pringles’ seed money, Jones and Briggs set out “to beg, borrow, almost steal the rest we needed to make this work.” Briggs was a project manager who didn’t hesitate to “hit up everybody. People are incredibly generous when they know it’s for the arboretum. The pavers were donated. The grading, the masonry, the irrigation system, the pool – all was done for a fraction of what it really would cost.” He even talked the Department of Transportation into lending its huge tree spade to help move monstrous plants. Stand in the garden with Briggs and he will point to 20 foot trees that he blithely transported from one side of the arboretum to the other. “This wonderful *Camellia oleifera*, the spreading one, used to be on the edge of the parking lot, but it is perfect here,” he says indicating a tree 15 feet tall and equally wide that stands sentinel at the edge of the lawn. “That big Emily Brunner holly in the back had a lot of Fran damage done to one side so we

dug it up, turned it around and replanted it where it was. So far, so good.”

As the garden’s foundation planting of trees and large shrubs was taking shape, Briggs and Jones sent out their plant wish list to nurseries across the state. Designing a garden that blooms white throughout the growing season is challenging enough, but these two complicated matters by requesting hard-to-find perennial cultivars, unusual annuals, and often over-looked native plants. A whopping 95% of the new plant material was donated.

In khaki shorts and t-shirt, with clippers in hand, Gardener Jones is pulling out the last of her beloved *Aretotis fastuosa* “Zulu Prince”, a tall South African annual like a feathery daisy with a purple-black center. “It’s finished but the sweet little *Petunia integrifolia* is still blooming its heart out.” She says, giving it a pat. “The summer will be beautiful but the garden will be strongest in the fall, she thinks. “We’ll have the asters and crape myrtles. The sweet pepperbush (*Clethra alnifolia*), white

beautyberries (*Callicarpa*) and this fabulous bush clover (*Lespedeza*). It gets about six feet tall and is literally covered with thousands of white, pea-like flowers.” Jones stops for a minute to look around. “Yeah, I’m starting to enjoy it all now.” Then it’s back to work: “We’re still weak in January and February. I’ve got to get lots of bulbs in this fall to stretch the blooming season.” ■

## What’s Up in the Mixed Border

by Amelia Lane

Well, a new arbor is up and ready to be used and enjoyed. Thank you to **Suzanne Edney** for a great design that fits comfortably in the border. Thanks to everyone who helped with ideas and encouragement. Special thanks go to the great “border ladies”, **Beth Jimenez**, **Laurie Cochran**, and **Lisa Stroud**. Special thanks also go to **Mitzi Hole** and **Paul Lineberger**.

The job began with the demolition of the cedar arbor that had served us well for eight years. For a rotten arbor it was darned stubborn about being torn down. Then came the “far east tornadoes” that hurled posts and concrete from the earth. (That is a separate tale!). Paul even had a use for those posts with concrete feet. Thanks for hauling them off. Our first workday on April 4, 1998, saw strings crisscrossing the plot, stubby stakes all around and beams being constructed and then torn apart. When we left for home there were ten handsome beams in concrete — a solid beginning. Thanks to **Beth** and **Juan Jimenez**, **Lisa** and **Phil Stroud**, **Laurie Cochran**, and **Richard Lane** for a great start. After many construction hours, hauling tools back and forth, and lots of on-site learning, the arbor

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The Klein-Pringle White Garden is enjoyed by many people. Here, an art student from Meredith College draws the gazebo.

## Garden News

Mixed, continued



The Arbor is up, and was admired by all during a premier celebration.

was completed. Now it's stained and ready for vines. My biggest thanks goes to my husband, Richard, the construction brains of the job.

We do have plant news from the border! There are several new vines planted on the arbor, some established plants have a new view, and others received a new framing to show off their finer points. We'll be watching the *Acer palmatum* 'Julian' at the front edge of the arbor. With a bit more shade this summer it may keep its purple leaves better than previously.

Many of the new shrubs and trees in the front beds of the border are blooming, have lots of new growth, and are showing what they can do.

I hope you will come through the border when you're at the Arboretum. Look for the new and interesting plants and check out some of those maturing ones for their shapes, color, bark, blooms and size. ■

## Mapping News

By Val Tyson

The great quest toward better maps is moving along more quickly now.

**JCH GeolInfo Solutions** have provided us with a special mapping tool for our software that makes drawing a plant on the map much quicker. With one click, we can draw a tree, a shrub, or a groundcover (or any other graphic), according to how the plant is categorized on its record. This beats our old methods hands down. THANK YOU JCH!

**Joel** is caught up with mapping fall plantings, and is plowing through the spring ones at breakneck speed. He's really doing a great job. I wish we could clone him. He might actually catch up with **Mitzi's** killer-bee planting speed! But I don't know if we can ever keep up with the curator's gardens. If you would be interested in tagging along behind one of our garden curators and writing down what they do, please contact that curator.

**Martie Walsh** photographed all the narcissus bulbs that she could get to between rainy days this spring, and **Brent Heath** has already begun to identify what he can from her slides. We're hoping to get our bulb maps and records in better shape this year. Many thanks to Martie, Brent, and all the intrepid bulbspotting volunteers (plus Mitzi and Karen) who went out on "bulb patrol" to watch for new blossoms.

Now Martie has begun entering new accessions into our computer files. **Donna Maroni** looks up the names so our spelling is better, lists the family and common names, and passes it on to Martie for input. This is a great help! Thanks to both of you!

Big news! **The Scott Arboretum of Swarthmore College** has donated a label engraver to the JC Raulston Arboretum! This engraver will make metal or plastic labels in a variety of sizes, and we're looking forward to knowing how to use it. Thanks to the Scott Arboretum for passing this engraver on, and to **Ian Simpkins** for suggesting us as the recipient. And thanks in advance to **Andrew Bunting** of Scott. I'll be calling with questions, I'm sure!

In a desperate attempt to get more self-guided tour maps available in the visitors center, we quickly announced a \$100 prize to the writer of the best new tour. Congratulations to **Ben Bergmann** for his winning tour of cultivars of native plants, something we should all learn more about. Look in the new rack for his and the other entries: a soothing stress meditation walk submitted by **Roy Dicks**, and a tour of plants mentioned in the Song of Solomon submitted by one of our oldest and dearest friends, **Vivian Finkelstein**. Vivian

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## Garden News

### Mapping, continued

has since created yet another tour, one of the west Arboretum, a much passed over area, I think. If you have an idea for another self-guided tour, please give me a call.

We cranked out another new edition of *Current Plantings of the JC Raulston Arboretum*. This time we printed enough to be offered for sale in the Volunteers Office (\$5.00) or by mail (\$7.00). This listing includes most of our plantings through 1997. Information for the borders and bulbs are still a bit sketchy, but the rest of the inventory is getting pretty clean. Many of you have used the *Propagation Guide for Woody Plants* over the years as a plant list for the Arboretum. That guide includes only woody plants, and has not been updated with new inventory changes since JC's death.

■

## Garden of Winter Delights

By Jonathan Nyberg

*"In winter I wish for an Ivy garden, a little walled court where there is nothing but stone or brick and the ivy green."* Elizabeth Lawrence, *Gardens in Winter*

On a visit to **The Ivy Farm** last February, it was easy to see why Miss Lawrence wished for an ivy garden. **Richard Davis** and **Meriwether Payne** have created one of the most spectacular display gardens I have ever seen at a wholesale nursery. They cleared out the underbrush in a pine forest behind their office and planted a different ivy at the base of 40 trees. Many have been growing for ten years and are 6'-10' tall. It's like walking into a fairyland of purple,

gray, yellow, green and white tree trunks – fantastic! There were mouse ear sized leaves, hand-size leaves and everything in between. Many of the ivies turn gorgeous shades of purple in the winter. Especially noticeable was *Hedera pastuchovii*, with narrowly ovate, burgundy leaves. Although their nursery is strictly wholesale, they would encourage any ivy enthusiast to visit.

For more information about The Ivy Farm, contact Meriwether Payne or Richard Davis at PO Box 116, Locustville, VA 23404, local phone: 757-787-4096, toll free phone: 888-786-4096, Fax: 757-787-9473. Please phone or write before visiting. They are located on the Virginia Eastern Shore.

Richard and Meriwether generously donated ten one-gallon *Hedera helix* 'Treetop' adult ivies and one three-gallon *H. helix* 'Thorndale' adult form, for planting in the winter garden. They are planted in bed E19, along the path, underneath the large, limbed up Nellie R. Stevens Holly. Just across the path, in bed E21 near the *Magnolia* 'Little Gem' hedge is a huge adult ivy listed in our records as *H. helix* 'Adult Form'. It is about ten feet long, six feet wide and five feet tall. I recently took a visitor to see it and she commented that it looked like someone put leaf shine on every leaf. It is thriving in full-sun, however I'm sure it's enjoying a very protected-from-wind location. Down the path a little further, in front of the agave, is another adult named *H. helix* 'Arborescens Golden Form'. Its new growth is a shiny, golden color and very attractive! We also have a couple of *H. helix* 'Adult Glacier' which just don't have that nice bushy form. Instead, they continue to grow horizontally. Go look at them at the east end of bed E19. However, The Ivy Farm has

some top secret variegated adult ivies that are sensational. I can't divulge any more information but I hope to get one soon.

Please go to the winter garden and take a look at the adult ivies. If you haven't seen adult ivy before you will be surprised to see flowers and fruit. The black berries are attractive in the winter. With all of the 'green meatballs' planted in the landscape, there is definitely a place for adult ivy. It grows in full sun or full shade, is adaptable to a wide range of soils, and is very drought tolerant. After all, it's just ivy — you can't kill it. It makes a great shade hedge and a wonderful accent in a small garden.

The only retail source for adult ivies I know of is LoganTrading Co. in downtown Raleigh, NC, phone 919-828-5337 for directions. Please call me at 919-515-3132 if you know any other sources of adult ivies.

Thanks to a generous donation by **Albert Hendley**, the Arboretum has a three year membership in the American Ivy Society. We are now participating in a nationwide ivy hardiness trial. Also, as an Ivy Society member, we can have our nameless ivies in the Arboretum identified. If there are any ivy enthusiasts who would like to help sort out our ivies, please give me a call at 919-515-3132.

And, finally, after a restful summer (now doesn't it make sense to rest during the hot summer!) we are gearing up for a lot of planting and gardening this fall and winter. We are going to have several Saturday workdays this fall, as well as the regular Thursday afternoon sessions. If you are interested in volunteering, please call me.

Thanks to **Maggie O'Connor** and **Richard Nyberg** for their recent help mapping, watering and pruning. ■



# Development News

All articles in Development News were written by Catherine Maxwell.

## JC Raulston Distinguished Professorship of Horticultural Science

An anonymous donation has endowed a distinguished professorship honoring JC Raulston. **CD Spangler**, former president of the 16-campus University of North Carolina System, announced the creation of the professorship June 10, 1998. Raulston was a family friend of the Spanglers.

Spangler received the \$334,000 gift last summer from donors who pledged to endow a professorship in honor of Spangler and his wife, Meredith. He, in turn, asked that the professorship be established at NC State and be called the **JC Raulston Distinguished Professorship of Horticultural Science**. When combined with state funds, the donation will result in a \$500,000 endowed chair.

"For many years, JC Raulston added to the beauty of every place he touched, not only in North Carolina, but across the southeastern United States," Spangler said. "Meredith and I hope that this professorship will allow North Carolina State University to recruit a stellar individual to carry on the important work that JC started there almost 25 years ago."

**Dr. James Oblinger**, dean and executive director for agricultural programs at NC State, said the named professorship would help ensure that Raulston's legacy will live on. He stated, "The JC Raulston Arboretum will continue to serve as a world-class teaching laboratory for students, educational resource for the public, and a partner in new plant introductions with the nursery industry."

"This endowment is a wonderful tribute to JC Raulston, who was a tireless ambassador for the plant world and one of the finest instructors ever at NC State," Oblinger said.

Soon after Spangler was elected UNC president in 1986, Raulston was asked to assist in planning the landscaping of extensive gardens around the President's House in Chapel Hill. In the years that followed, Raulston kept in touch with the Spanglers and often brought students to the gardens for field lessons and tours. ■

## Klein-Pringle White Garden Endowed

In an historic act of leadership, Klein-Pringle benefactor **Mary Jo Pringle** has created a permanent endowment for the garden that bears her parents' name. This endowment will fund the ongoing maintenance and development of the garden in perpetuity.

"The garden has already brought us such joy," Pringle says. "Now we're reaching towards the future, hoping our endowment will lead others to come forward to endow the arboretum as a whole. Collaborating with these people, creating and maintaining something beautiful – and educational – that can be enjoyed by so many is an enormous return on an investment."

Currently, Pringle is collaborating with co-curators **Jeff Briggs** and **Karen Jones** to fine tune the garden they have created. Please see page 13 for an update on the Klein-Pringle White Garden. ■

## District 10 Garden Club Tour

Gardeners from around the Triangle enjoyed six diverse and beautiful gardens through the District 10 Garden Club Tour on May 9. The tour, sponsored by the federated garden clubs of Wake and Franklin counties, raised funds for the Arboretum Education Center.

Throughout the day, Club members served refreshments sponsored by Honey Baked Hams at the Arboretum. Gardeners who opened their grounds for the tour were: **Dennis and Georgina Werner, Charlotte and John Presley, William and Mary Joslin, David and Karen Duch, Ralph and Daphne Ashworth, Richard and Carolyn Booth**.

The next District 10 Garden Tour is set for **Saturday, September 19, 1998**. Tickets are \$10, and will be available in advance from garden club members and from 9:00 a.m. to 1:00 p.m. on the day of the event at the Arboretum. For more information, call 919-787-2293 or 919-787-9852. ■

### Gala in the Garden

The 1998 Gala in the Garden was full of dramatic moments. The weather set the stage with howling winds that almost set sail to the tents. Pouring rain rushed diners to their tables, while it raised the excitement of the crowd. **Dean James Oblinger** presided over his first Arboretum gala...and the first on the site of the future education center. **Larry and Nancy Monteith** made their farewells at this, their final event as chancellor and first lady of the university. **Jim Branch** led a ragingly successful auction, capped off by the sale of a rare styrax donated by **Taylor's Nursery** for \$1,400.

Thanks to the efforts of a fabulous steering committee, dozens of other volunteers and donors, 675 attendees, and almost enough tents to hold the weather at bay, the Gala in the Garden was a success, netting over \$60,000 in support of the Arboretum. Thank you to everyone who helped, especially to those listed on the following pages.

#### Special Thanks to:

The Raleigh Garden Club

Linda Watson, for providing these wonderful photos.



**Arranging Flowers at Dawn** -- left to right, Kathleen Thompson, Dee Bull and Mary Stone created the floral displays used throughout the Gala. Photo by Linda Watson

#### Steering Committee Chairs:

Peggy Fain  
May McMillan Benson

#### Committee:

Linda Anderson  
Karen Barnes  
Judy Blondeau  
Dee Bull  
Tim and Carroll Clancy  
Angela Dillard  
Marty Finkel  
Julie Fleming  
Pickett Guthrie  
Nancy Monteith  
Karen Nowell  
Marjorie O'Keeffe  
Mary Overcash  
Barbara Robinson  
Susan Stephenson  
Marian Taylor  
Kathleen Thompson  
Rosemary York  
JW and Elizabeth York

#### Grand Sponsors

A.E. Finley Foundation  
Lou & Marcie Pucillo  
J. Willie & Elizabeth York

#### Silver Leaf Sponsors

Geldof Chocolatier  
Goldston Building Supply  
Piedmont Litho

#### Bronze Leaf Sponsors

Angus Barn  
Jim Branch  
Jerry & Betty Broder  
Catering Works  
Central Carolina Bank  
First Union National Bank  
A.J. Fletcher Foundation  
Hughes Design  
Murphy Family Farms  
NCSU Athletic Department  
Gregory Poole Equipment Co.  
Taylor's Nursery  
Kathleen Thompson  
Wachovia

See **Gala** next page

## Development News

### Gala, continued

#### Gala Sponsors

Ashland Construction Co.  
Austin Mullins Associates  
Bolton Corporation  
Clancy & Theys Construction Co.  
Dick & Marlene Daugherty  
Ginny Dineley & Michael Shaddock  
E-Z Go Golf Carts  
Fortune Management Group  
Fair Products  
Golden Corral  
Hal and Patsy Hopfenberg  
Barrett Kays & Sandy Babb  
Kenan Institute for Engineering, Technology and Science  
Little & Little  
Douglas Y. Perry Associates  
Stephenson Millwork Co.  
Stone Heavy Vehicle Specialists  
Dick & Doris Thompson  
Triangle Bank

#### Patrons

Mark & Gayle Acuff  
Allen & Betty Adams  
Rosanna Adams Capital Investment Group  
Robin & Jim Coxe  
Custom Brick  
Mr. & Mrs. Paul Delacort  
Thomas & Josephine Darden  
Ernst & Young  
Hills of the Haw Nursery  
Shirley Jones  
Thomas S. Kenan, III  
Logan Trading Company  
Merle & Charlotte McNutt  
Henry & Helen Mitchell  
Arthur B. Moss  
Elpenor R. Ohle  
Redi-Lite  
Revel's Tractor  
Edgar & Deborah Roach  
V.T. Stannett



**The Sodfather** -- There seemed to be no end of admirers as Agricultural Commissioner Jim Graham shook hands. photo by Linda Watson



**Dr. Jim Oblinger** -- The Dean of the College of Agriculture and Life Sciences tells about the record generosity of donors during this year's fund raising efforts. photo by Linda Watson



**Diane Kibbe** -- This professional plant finder feels right at home among the rare plants at the silent auction. photo by Linda Watson

## Development News



**Bill Wilder** -- He not only helped auction these handsome and unique JC Raulston commemorative plates, but he **made** them, too! photo by Linda Watson

The Honorable James A. Graham

McCallum Wholesale Floral Service, Inc

Rake and Hoe Hall/Davenport Assoc.

Crooks Corner Restaurant

Charlotte's Creative Designs

Niche Gardens

Blue Ridge Stone Co

NCSU Campus

Head-Lee Nursery  
Margaret and Joe Hiers

Cary Garden Club

Heronwood Nursery

Hudson Belk

NC Governor's Mansion

Brooklyn Botanical Garden

Chicago Botanic Garden

Sarah P. Duke Gardens

Mr. and Mrs. Gregory Poole, Jr.

Ellen Ko

### Auction Item Donors

Christopher Alexander  
Nancy Allred

Francis Alvarino Enterprises

Plants Delight Nursery  
Marty Baird

Tanas Hair Designs & Day Spa

Bob and Lee Bickford  
Wolf Bolz

Sloan Bridger  
David Brown, ASLA

Sanderling Inn

Champion Nursery

Captain's Bookshelf

Susan Cheatham

Lavender&Lace

Susan Coker  
Dina Porter

Stuf n' Such

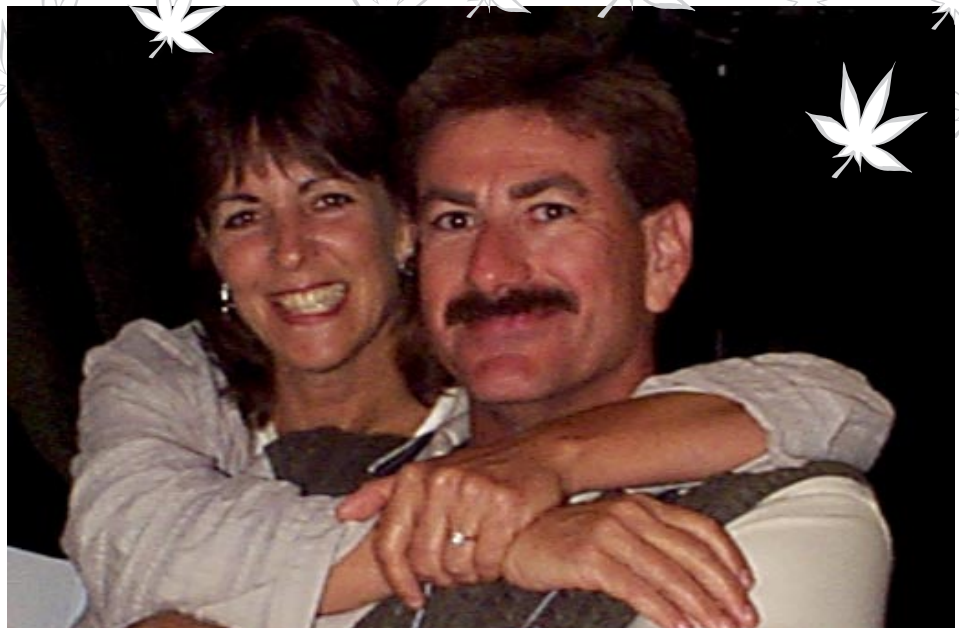
Morris Arboretum  
Barbara Dix

Duncan Design

Don Ellington Sound

Ingleside Vineyards

Carolinas Golf Group



**Guess who's going to dinner?** -- **Linda Erdman and Jay Guy** look very happy to have won the highly sought-after gourmet dinner for eight, at the home of chef **Pat Olejar**. photo by Linda Watson

## Development News



**The Hosta Cartel -- Steve Techett, left, joined with Rosemary and Charles Eason to put in the top bid for the hosta collection donated by "The Pharaoh of Funkies," Tony Avent.** photo by Linda Watson

Bloomin' Orchids, Inc

Georgiano's Shoe Salon

Morehead Hill Garden and Landscape

Stroud's Upholstery

Wave Hill

The NC Symphony

Taylor's Nursery

John Tesh Productions  
Mr. and Mrs. Hugh Tilson

Arnold Arboretum

Silks, Unlimited

The Shade Tree

Carolina Corp.

The Basket Cellar  
Bill Wilder

NC Zoological Society

Alfred Williams & Co.

Z Enterprises

Wintergreen Resort

### Auction Item Donors

Harris Teeter

Cameron Clothing

Panache

Mr. and Mrs. Bill Leslie

Louise Levine

Jean and Peter Loewer

Logan Trading Post

Jerry Miller Art Gallery

Jim and Celia Miller

NC Botanical Gardens

Nowell's Clothing

Geometrix  
Pat Olejar

Camillia Forest Nursery

Fallon's Florist

Fairweather Nursery

Ann Proctor

Garden Supply Co

NCSU Athletics Dept.

Bailey's Fine Jewelry

ITG Travel Centers



**Frank Simpson and Edith Eddleman -- Enjoying the Auction.** photo by Linda Watson

## Sculpture in the Garden

On May 3, 1998, at the Gala in the Garden, sculptor **Horace Farlowe's** work, *Italian Reflections*, had its Arboretum debut. It almost seems that destiny led to that debut.

The story began in 1957, when Farlowe entered the NC State School of Design. Years later, in 1995, Dr. JC Raulston was a member of the jury that commissioned the artist to create a sculpture for the NC Zoological



**Catherine Maxwell**, left, and **Melissa Peden** are happy to have the sculpture in place.

Park. In the meantime, Raulston and art consultant **Melissa Peden** partnered to bring the first site specific sculpture to the Arboretum.



Sculptor **Horace Farlowe**, left, and NCSU worker **Bernie Graham**, install the marble sculpture.

The three came together in January 1997, when Melissa Peden attended Farlowe's opening at Somerhill Gallery in Chapel Hill, the evening after Raulston's memorial service. She saw this work, and it spoke to her of JC Raulston.

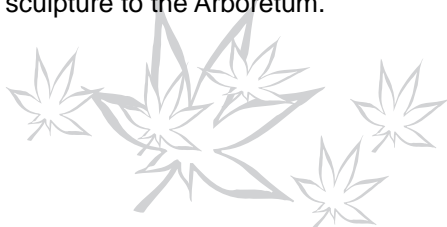
Peden inspired others to join her in an effort to bring *Italian Reflections* to the Arboretum in memory of the Arboretum's founding director. Thanks to them, this work stands as a tribute to JC's love of plants, his commitment to the tradition of sculpture in the garden, and for the tremendous role he played in bringing them together.

The contributors include: **Joseph E. and Sarah P. Archie**, **Capitol City Garden Club**, **Julia and Frank Daniels Endowment Fund**, **The Deal Foundation**, **Georgia B. Orr**, **Melissa A. Peden**, **Harriet Williams Procter**, the **Woodson Family Foundation**, and **Elizabeth W. York**.

The work, sculpted from Georgia marble in 1995, is now opposite the **Finley Rose Garden**. It will be relocated when the Education Center is complete. ■



The Arboretum brain trust, left, **Edith Eddleman**, **Catherine Maxwell**, and **Douglas Ruhren** look for the best site to place *Italian Reflections*.





From left, Chancellor Larry Monteith, Kate Piton (Triangle Land Conservancy), Mary and William Joslin, and Dean Jim Oblinger.

## Joslin Garden Dedicated

On June 10, 1998, Arboretum and University representatives joined the friends and family of **William and Mary Coker Joslin** to dedicated their garden as a part of NC State University. It was a beautiful afternoon amidst the lush and fragrant garden, which has, as William Joslin said, something for everyone: a stream, swings and sandbox for the children; grapes, figs and cherries for the hungry; flowers for the gardeners; birds for the bird watchers; and hammocks for the weary.

**Dean James Oblinger** presided over the dedication, with comments by **Chancellor Larry Monteith** and William Joslin. Joslin's comments set the tone for the day, and for the partnership ahead:

"We leave the garden in the hands of the University, secure in the knowledge that it will contribute to the great work of the late **JC Raulston**,

namely, testing and introducing new and improved varieties and cultivars of plants, shrubs, and trees. I personally know that after the University takes over, I'll rest better, wherever I am, above or below, in the secure felling that somebody is pulling the weeds and cleaning up the storm damage.

"In this uncertain world, the one thing we can count on is change. The trees encroach, the storms bring them down. Development gobbles up green space. A blight devastates the dogwoods, but here, it is our firm belief that the University will use the processes of nature to insure that something beautiful, something beneficial is preserved and made available to mankind."

Jim Oblinger closed the ceremony by calling attention to the table where the Joslins first proposed this partnership to JC Raulston and **Catherine Maxwell**. "JC is with us still in this garden, in the Arboretum, and in the students and colleagues he inspired. Let us not forget the legacy he has left for us." ■

# Volunteer News

## Notes from Harriet

by Harriet Bellerjeau

Before I launch into the who's new portion of the volunteer news, I want to thank some very special individuals whose contributions are especially noteworthy. And to thank all of you who have contributed service to the JC Raulston Arboretum. To some it is notably becoming their home away from home!

Because it is so wonderfully impressive, please thank **Amelia Lane** for inspiring the new arbor for the mixed border. Please see the article in the Garden News section of this issue for all the others who contributed. It takes a great deal more than devotion and hard work to bring a large project like this to fruition. Although Amelia will give great credit to others, she drove more than the nails. Thank you again; it's beautiful.

Then there's the person behind the scenes who works from her telephone and weekly visits to the volunteer office. Her mission is to make sure that the Sunday afternoon tours AND the scheduled tours have a tour guide waiting to meet our public. This is no light task in the world of voice mails and answering machines. So **Fran Johnson**, thank you for bringing everyone another step closer to the Arboretum.

See **Volunteer**, next page

## Volunteer News

### Volunteer, continued

Please also see the Garden News section for the article on the **Labyrinth**. We have **Natalie Sadler** to thank for bringing this major project on line. She and her faithful group have worked weekly since last fall to bring this bit of magic energy to the Leland Cypress ring. We're getting some pretty prestigious press noting the JC Raulston Arboretum labyrinth as one worth seeing in the Atlantic region.

By the time you are comfortably fixed in an air conditioned corner reading your newsletter, **Dan Howe** and a large group of volunteers will have spent several hot and sticky hours removing and replacing the wall cap in the Japanese Garden. Folks joked a lot about being happy to do the demolition work, ripping up the old boards and hauling off the lumber. But it's no joke to experience the kink of joy it brings to participate in meaningful work in the company of others. Thanks are due **Scott Warren, Goldston Building Supply** for his generous donation of lumber. Scott said, "We're just trying to put back into the community things that we get. We're glad to do it."

Many thanks to **Mrs. Thyme** or is it **Father Time** for the new clock in the Volunteer Office. And have you noticed the diligent and demanding effort being made by **Ann Goebel** to scrape and paint the volunteer office doors?

A huge welcome back to **Charlotte Presley**. We've missed you in the lath house. It's nice to have you back.

This year we've had more scheduled **children's tours** than ever. We've had more tour guides responding to this need as well. So far over 400 students and children from preschool to high school have shared our

common enthusiasm for flowers, fish and butterflies, woody ornamentals, shade and magnificent collections.

Special thanks to: **Mary Raver, Karen Duch, Bill Bason, Bobby Ward, Ben Bergmann, Doris Huneycutt, Alice Azwanski, Jennette King, Genelle Dail, Roy Dicks, Beth Lane, Bob Roth, Mary Caldwell, Bryce Lane, Bill Satterwhite, Bev Norwood, and Guy Meilleur**. We also welcomed a group of teachers on a separate tour. This is a special, rewarding outreach into our future.

### New Curators

We welcome **Maggie O'Connor** to the Wisteria Garden and encourage those who have the time to clip once a week to join her. Maggie is sharing her time in the **Garden of Winter Delights** as well, on a break from student life.

**Renee Zubin** arrived quite by storm at our doorstep to take on responsibilities in the **Paradise Garden**. She moved here recently from Baltimore, MD and aspires to join the students in horticulture. Assistance would be most welcome on Thursdays and Fridays. She also shares time in the volunteer office filling in a rather large gap on Monday, Tuesday and Wednesday afternoons.

### Retired Curators

**James Brantley**, sends regrets that he will not be able to continue as curator of the **Southwest Garden**. Thanks for your brief time with us and should your circumstances change, please contact us again.

### Help Wanted!

If there is anyone who can lay stone pavers, we need a small repair at the Necessary and the Visitors Center. Please see the listing of curators on the last page for those needing assistance.

### Special announcement: BAGGERS needed for NCAN and the Plant Giveaway.

All volunteers please note that the **North Carolina Association of Nurseryman's Show** scheduled for the last week in August has been postponed. The new dates are **September 25 and 26, 1998**. The Plant Giveaway is scheduled for October 3, 1998. Baggers, those who can help prepare and package plants, are needed from Monday through Thursday, September 21 – 24 and from Monday through Friday September 28 – October 2. Volunteers are also needed for the events themselves. Please contact the volunteer office at 515-7641. You may leave a message at any time day or night. ■





# Reviews and Previews

## Private Gardens of Asheville

by Jonathan Nyberg

I really can't imagine a more perfect tour than the early June trip to the private gardens of Asheville. Two vans with 19 people left early Saturday and drove through rain from Greensboro to Black Mountain. As we ascended the mountain on the way to **Peter and Jasmin Gentling's** garden, the clouds parted, revealing blue skies, magnificent hemlocks and clean, fresh, cool, mountain air. One could not create more perfect hosts than Peter and Jasmin Gentling, nor hardly create a more harmonious integration of mountain, house, outbuildings and gardens.

The Gentling's garden was expected magnificence. However, **Peter Wallenborn's** garden, virtually unknown to the gardening world, took everyone by surprise. On a steep city lot, in ten years, he had created an intensely planted garden with incredible combinations of small trees, shrubs, conifers and perennials. One person, who I know has seen many gardens, told me that this garden had the best sitting areas of any garden she had ever been to. I couldn't disagree. Mr. Wallenborn was so gracious, with a humble unassuming manner. Yet I know inside must be the soul of an artist.



The glow from the Gentling Garden reminds us that heaven is indeed on earth. Asheville tour participants pose on the spacious steps of the Gentling's porch.

Next, NCSU horticulture grad and longtime Arboretum supporter **Hunter Stubbs**, showed us around the **Chip Calloway** designed **Richmond Hills**. I fell in love with the croquet green. I am now saving my money so I can rent a cabin and play croquet all day surrounded by luscious Victorian gardens.



Sunday morning, **Peter Loewer** entertained and educated us in all sorts of manner about Asheville and life in general. He showed us his garden and that of **John Cram's**, surely one of the best designed mountain gardens anywhere.

For lunch we had a picnic at **Craggy Gardens** on the Blue Ridge Parkway. It was just as I had imagined it would be: blue sky, cool air, miles of purple catawba rhododendren and a view to Tennessee. After a quick stop at the mountain craft shop, we were back in Raleigh by 10:00 p.m. Yes, we were tired, and yes, as promised, satisfied and filled with the sights of the private gardens of Asheville. ■



**The Three Peters** -- top, Peter Loewer, bottom left, Peter Wallenborn and Peter Gentling. Fabulous gardens, fabulous gardeners.

# JC

## HOROSCOPE FOR JAMES CHESTER RAULSTON

*From the JC Raulston Archeives.*

Born November 24, 1940

Nervous energy is your strength - and you weakness. Relaxation is your need. You have a philosophical mind, jumping from the particular to the general as if by second nature, and seeing things, people, problems, in a large rather than specific terms. The devotional motif is strong in your nature, and you tend to ritualistic acceptance of some religion, code, or basic set of beliefs to which you relate the threads of your philosophy and make a working ideology for your life. Your thought, though perhaps revolutionary, will be patterned and constructive; tending toward utopias rather than to anarchy. The need for classification is strong in you; you put things in pigeon-holes and categories and organize your information.

You are very sensitive and temperamental, capable of extremes of happiness and despair, all in the space of a few seconds. Harshness and unkindness distress and bewilder you, and you can be governed only through your affections and through reason, for despite your sensitive nature, you won't give in to unfairness, unkindness, or illogical argument. You are

a good deal of a reformer, believing the world should live on your principles, your codes, your moral standards. You love travel, and much of your nervous energy can be used up in physical motion. It is not at all unlikely that you will live and achieve your greatest success somewhere far removed from your birthplace. You are home anywhere, settling down gypsy-like where night finds you. ■

**Photo not available**



# 1997 Accessions

- 970697 - *Abelia X grandiflora* 'Compacta' M. Dirr, UGA; 4" pot; 7/1/97  
 970696 - *Abelia X grandiflora* 'Sherwoodii' M. Dirr, UGA; 4" pot; 7/1/97  
 971120 - *Abutilon* 'Little Imp'; Jane McNeary; 11/13/97  
 970126 - *Abutilon vitifolium*; Ian Simpkins, NC; seed; 3/17/97  
 970486 - *Aceitillo amarillo*; Barefoot Paths, NC; 1 gal; 5/23/97  
 970657 - *Acer barbatum*; Head Lee Nursery, SC; 3 gal; 7/1/97  
 970814 - *Acer monspessulanum*; Instituto de Botanica, Portugal; seed; 10/23/97  
 970562 - *Acer nipponicum*; Heronswood Nurs, WA; 1 qt; 7/9/97  
 970951 - *Acer palmatum* 'Beni-kawa'Yadkin Valley Nur, NC1g 11/6/97  
 970952 - *Acer palmatum* 'Beni-komachi'Yadkin Vall Nur,NC1g11/6/97  
 970654 - *Acer palmatum* 'Bloodgood'; Head Lee Nur, SC; 2 g; 7/1/97  
 970639 - *Acer palmatum* 'Sango Kaku'; Head Lee Nur; 2 gal; 7/1/97  
 970638 - *Acer palmatum* 'Seiryu'; Head Lee Nursery; 2 gal; 7/1/97  
 970656 - *Acer rubrum* 'October Glory'; Head Lee Nur, SC; 3g; 7/1/97  
 970064 - *Acer saccharum* 'Apollo Topbud'; Schmidt & Sons Co, OR; bareroot; 3/4/97  
 970045 - *Acer spicatum*; Mt. Holyoke; seed; 2/26/97  
 970268 - *Achillea ptarmica* 'The Pearl';Hills of the Haw,NC1g; 4/30/97  
 970950 - *Achillea millefolium* 'Terra Cotta'Bluemount Nur1pt 12/10/97  
 970928 - *Acorus gramineus* 'Ogon'; rec'd as *Acorus* 'Ogon'; Yadkin Valley Nursery, NC; 1 gal; 11/6/97  
 970439 - *Acorus minimus* 'Aurea'; Fairview Nur, NC; 1 qt; 5/29/97  
 970451 - *Adenophora confusa*; Pine Knott Farms, VA; 5/20/97  
 970491 - *Adenophora confusa*; Barefoot Paths, NC; 1 qt; 5/23/97  
 970233 - *Aesculus californica*; PAX Club, NC; 2 gal; 4/14/97  
 970423 - *Aesculus parviflora*; may be 'Rogers' or var. *serotina* - Richard Bir, NC; 3 gal; 5/28/97  
 970933 - *Aesculus pavia*; Yadkin Valley Nursery, NC; 1 gal; 11/6/97  
 971089 - *Aesculus X carnea* 'Plantierensis'; rec'd as *A. X plantierensis*; Arborvillage, MO; 1 gal; 12/19/97  
 970083 - *Agapanthus* sp.; Royal Horticultural Society; seed; 3/5/97  
 970631 - *Agapanthus X* 'Midnight Blue'; name on accession sheet was *A. Monmid* 'Midnight Blue' ?? *Monrovia*??; *Monrovia* Nursery, CA; 1 gal; 7/1/97  
 971011 - *Agarista populifolia*; Yadkin Valley Nur, NC; 1 gal; 11/6/97  
 970791 - *Agastache urticifolia*; rec'd with author as (*Benth.*) *Kuntze*; Davis Arboretum, CA; seed; 10/1/97  
 970395 - *Agastache X* 'Apricot Sunrise'The Potting Shed NC 3q5/7/97  
 970944 - *Agastache X* 'Blue Fortune'; Bluemount Nur; 1 gal; 12/10/97  
 970617 - *Agave deserti*; Tony Avent, NC; 1 qt; 7/1/97  
 970605 - *Agave falcata*; Tony Avent, NC; 1 qt; 7/1/97  
 970606 - *Agave lechugilla*; Tony Avent, NC; 1 qt; 7/1/97  
 970604 - *Agave lophantha*; Tony Avent, NC; 1 qt; 7/1/97  
 970237 - *Ajuga pyramidalis* 'Metallica Crispa'V.Tyson, NC1 pt 4/15/97  
 970002 - *Allium cernuum*; Am. Hort. Soc.; seed; 2/4/97  
 970801 - *Alstroemeria X* 'Sweet Laura'; Dick Bir, NC; 1 qt; 11/4/97  
 970214 - *Anemone X hybrida* 'Honorine Jobert'; Pine Knot Farms, VA; 4/11/97  
 970260 - *Angelica gigas*; Hills of the Haw, NC; 1 gal; 4/30/97  
 970835 - *Anthrinhinum meonanthum*; Instituto de Botanica, Portugal; seed; 10/23/97  
 970493 - *Antirrhinum X* 'Jamaican Mist'; Barefoot Paths, NC; 5/23/97  
 970001 - *Aquilegia caerulea*; Am. Hort. Soc.; seed; 2/4/97  
 970128 - *Aquilegia grata*; Ian Simpkins, NC; seed; 3/17/97  
 970117 - *Aquilegia skinneri*; Ian Simpkins, NC; seed; 3/17/97  
 970267 - *Aquilegia vulgaris* var. *alba*; Hills of the Haw, NC;1g 4/30/97  
 970946 - *Aquilegia X* 'Magpie'; Bluemount Nursery; 1 pt; 12/10/97  
 970118 - *Aquilegia X* 'Roman Bronze'Ian Simpkins,NC;seed; 3/17/97  
 970120 - *Aquilegia X* 'Silver Edge'; Ian Simpkins, NC; seed; 3/17/97  
 970041 - *Aralia nudicaulis*; Mt. Holyoke; seed; 2/26/97  
 970044 - *Aralia racemosa*; Mt. Holyoke; seed; 2/26/97  
 970568 - *Aralia* sp. aff. *cordata*; Heronswood Nurs, WA; 1 gal; 7/9/97  
 970442 - *Arctostaphylos uva-ursi*; Fairview Nursery, NC; 1 qt; 5/29/97  
 970138 - *Arisaema* aff. *candidissimum*; Paul Jones, NC - China expedition; 924-96; seed; 3/18/97  
 970134 - *Arisaema* aff. *consanguineum*; Paul Jones, NC - China expedition; 752-96; seed; 3/18/97  
 970136 - *Arisaema* aff. *lobatum*; Paul Jones, NC - China expedition; 721-96; seed; 3/18/97  
 970131 - *Arisaema consanguineum*; Paul Jones, NC - China expedition; 726-96; seed; 3/18/97  
 970132 - *Arisaema consanguineum*; Paul Jones, NC - China expedition; 747-96; seed; 3/18/97  
 970133 - *Arisaema consanguineum*; Paul Jones, NC - China expedition; 744-96; seed; 3/18/97  
 970135 - *Arisaema consanguineum*; Paul Jones, NC - China expedition; 717-96; seed; 3/18/97  
 970320 - *Arisaema consanguineum*; Qingpu Paradise Hort. Co. Ltd, China; seed; 5/3/97  
 970201 - *Arisaema heterophyllum*; Plant Delights, NC; 1 qt; 4/10/97  
 970205 - *Arisaema kiushianum*; Plant Delights, NC; 1 qt; 4/10/97  
 970206 - *Arisaema sazensoo*; rhs94 says it's *A. sikokianum*, but Tony Avent says no - 6/97; Plant Delights, NC; 1 qt; 4/10/97  
 970203 - *Arisaema serratum*; Plant Delights, NC; 1 qt; 4/10/97  
 970204 - *Arisaema sikokianum*; Plant Delights, NC; 1 qt; 4/10/97  
 970139 - *Arisaema* sp.;Paul Jones,NC-China ex;755-96;seed;3/18/97  
 970140 - *Arisaema* sp.;Paul Jones,NC-China ex;814-96;seed;3/18/97  
 970141 - *Arisaema* sp.Paul Jones, NC-China ex;757-96;seed;3/18/97  
 970202 - *Arisaema tosaense*; Plant Delights, NC; 1 qt; 4/10/97  
 970137 - *Arisaema yunnanense*; Paul Jones, NC - China expedition; 802-96; seed; 3/18/97  
 970751 - *Aristolochia californica*; rec'd with author as *Torrey*; Strybing Arboretum, CA; seed; 9/15/97  
 971077 - *Artabotrys hexapetalus*; Munster BG, Ger; seed; 12/12/97  
 970272 - *Artemesia absinthium* 'Huntington'; Hills of the Haw, NC; 1 gal; 4/30/97  
 970153 - *Artemesia X* 'Powis Castle'; Hills of the Haw, NC; 3/27/97  
 970251 - *Artemesia X* 'Powis Castle'; Niche Gardens,NC;1qt;4/29/97  
 970270 - *Artemesia X* 'Powis Castle'; Hills of the Haw, NC; 1g4/30/97  
 970166 - *Arum concinatum*; Plant Delights, NC; 1 gal; 4/10/97  
 970169 - *Arum palaestinum*; Plant Delights, NC; 1 qt; 4/10/97  
 970445 - *Aruncus aethusifolius*; Fairview Nursery, NC; 3" pot; 5/29/97  
 970187 - *Asarum asaroides*; Plant Delights, NC; 1 qt; 4/10/97  
 970184 - *Asarum asperum*; Plant Delights, NC; 1 qt; 4/10/97  
 970046 - *Asarum canadense*; Mt. Holyoke; seed; 2/26/97  
 970189 - *Asarum hexalobum*; Plant Delights, NC; 1 qt; 4/10/97  
 970188 - *Asarum kumaseanum*; Plant Delights, NC; 1 qt; 4/10/97  
 970185 - *Asarum megacalyx*; Plant Delights, NC; 1 qt; 4/10/97  
 970181 - *Asarum minamitanianum*; Plant Delights, NC; 1 qt; 4/10/97  
 970183 - *Asarum nipponicum*; Plant Delights, NC; 1 qt; 4/10/97  
 970180 - *Asarum sakawanum*; Plant Delights, NC; 1 qt; 4/10/97  
 970182 - *Asarum shuttleworthii* 'Calloway'; Plant Del.,NC1qt; 4/10/97  
 970186 - *Asarum speciosum*; Plant Delights, NC; 1 qt; 4/10/97  
 970282 - *Asclepias incarnata*'Ice Ballet'Hills of the Haw,NC1g;4/30/97  
 970408 - *Asclepias incarnata*'Ice Ballet'Hills of the Haw,NC;1g; 5/7/97  
 970203 - *Asirina triloba*; Am. Hort. Soc.; seed; 2/4/97  
 970198 - *Aspidistra caespitosa*; Plant Delights, NC; 1 qt; 4/10/97  
 970196 - *Aspidistra elatior* 'Okame'; Plant Delights, NC; 1 qt; 4/10/97  
 970266 - *Aster divaricatus*; Hills of the Haw, NC; 1 gal; 4/30/97  
 971026 - *Aster divaricatus*; Niche Gardens, NC; 1 qt; 11/14/97  
 971043 - *Aster divaricatus*; Niche Gardens, NC; 1 qt; 11/97  
 971053-*Aster ericoides* 'Schneegitter'Blue Mount Nur,Md1pt;12/10/97  
 970841-*Aster lateriflorus*'Lady in Black'Long CreekGar.PA1g10/23/97  
 970450 - *Aster oblongifolius*; NC Botanical Gar, Chapel Hill; 5/20/97  
 970845 - *Aster X* 'Miss Bessie'; Niche Gardens, NC; 1 qt; 10/23/97  
 970051 - *Astilbe X arendsii* 'Washington'; Langeveld Bulb Company, NC; bareroot; 2/28/97  
 970215 - *Astilbe X* 'Deutschland'; Pine Knot Farms, VA; 4/11/97  
 970080 - *Athrotaxis X laxifolia*; logged in as *A. latifolia*; Royal Horticultural Society; seed; 3/5/97  
 970919 - *Athyrium niponicum*; Yadkin Valley Nursery, NC; 2 g;11/6/97  
 970752 - *Bahia ambrosioides*; rec'd with author as *Lag.*; Strybing Arboretum, CA; seed; 9/15/97

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- 970216 - *Baptisia alba*; Pine Knot Farms, VA; 4/11/97  
970495 - *Baptisia perfoliata*; Woodlanders Nurs, SC; 2" pot; 6/9/97  
970047 - *Baptisia tinctoria*; Mt. Holyoke; seed; 2/26/97  
971130 - *Begonia* 'Dark Crusader'; Edith Eddleman, NC; 1 g; 11/13/97  
970755 - *Begonia peruviana*; rec'd with author as A. DC.; Strybing Arboretum, CA; seed; 9/15/97  
970524 - *Begonia* sp.; Barefoot Paths, NC; 6/4/97  
970472 - *Begonia sutherlandii*; Plant Delights, NC; 5/21/97  
971069 - *Berberis koreana*; North American Rock Garden Society; seed; 12/12/97  
970867 - *Berberis* sp.; Tony Avent, NC; 96CSC 134; 1 qt; 10/28/97  
970705 - *Berberis thunbergii* 'Angel Ring'; M.Dirr, UGA; 4" pot; 7/1/97  
970985 - *Berberis thunbergii* 'Aurea Nana' Yadkin Valley Nur NC; 1 g 11/5/97  
970371 - *Berberis thunbergii* 'Bagatelle' Edith Eddleman, NC 3g 5/7/97  
970692 - *Berberis thunbergii* 'Burgundy Carousel'; Dr. M. Dirr, U. of GA; 4" pot; 7/1/97  
970704 - *Berberis thunbergii* 'Concorde'; M.Dirr, UGA; 4" pot; 7/1/97  
970994 - *Berberis thunbergii* 'Crimson Pygmy'; Yadkin Valley Nursery, NC; 3 gal; 11/6/97  
970700 - *Berberis thunbergii* 'Dirr's Crimson Pygmy' M.Dirr, UGA; 4" pot; 7/1/97  
970690 - *Berberis thunbergii* 'Emerald Carousel'; Dr. M. Dirr, U. of GA; 4" pot; 7/1/97  
970693 - *Berberis thunbergii* 'Gentry's Royal Burgundy'; Dr. M. Dirr, U. of GA; 4" pot; 7/1/97  
970703 - *Berberis thunbergii* 'Ruby Carousel' M.Dirr, UGA; 4" pot 7/1/97  
970691 - *Berberis X ottawensis* 'Crimson Velvet'; Dr. M. Dirr, U. of GA; 4" pot; 7/1/97  
970195 - *Bergenia ciliata*; Plant Delights, NC; 1 qt; 4/10/97  
970803 - *Betula davurica*; US Nat'l Arboretum; 1 g; 10/10/97  
971070 - *Betula davurica*; NA Rock Garden Soc; seed; 12/12/97  
971061 - *Betula medwedewii*; NA Rock Garden Soc S; seed; 12/12/97  
970204 - *Betula nana*; Am. Hort. Soc.; seed; 2/4/97  
971071 - *Betula nealaskana*; NA Rock Garden Soc; seed; 12/12/97  
970637 - *Betula nigra*; Cullycultivar; patented? Head Lee Nur 3g; 7/1/97  
971057 - *Betula obscura*; NA Rock Garden Society S; seed; 12/12/97  
971058 - *Betula oycoviensis*; NA Rock Garden Soc S; seed; 12/12/97  
970489 - *Bidens X* 'Golden Eye'; Barefoot Paths, NC; 5/23/97  
970647 - *Bignonia capreolata* 'Atrosanguinea'; Head Lee Nursery, SC; 1 gal; 7/1/97  
970010 - *Bignonia capreolata* 'Jekyll' Head Lee Nursery, SC 3g; 1/13/97  
970154 - *Boltonia asteroides* 'Snowbank' Hills of the Haw, NC; 3/27/97  
971113 - *Brugmansia X*; Doug Ruhren, NC; 11/13/97  
971114 - *Brugmansia X*; Doug Ruhren, NC; 11/13/97  
971115 - *Brugmansia X*; Doug Ruhren, NC; 11/13/97  
970303 - *Buddleja albiflora*; Qingpu Paradise Hort. Co. Ltd, China; seed; 5/3/97  
970230 - *Buddleja alternifolia* 'Argentea'; PAX Sale.; 1 gal; 4/14/97  
970724 - *Buddleja davidii* 'Black Knight'; Shadow Nur, TN; 2 g; 8/26/97  
970095 - *Buddleja davidii* 'Bonnie' Fairweather Gardens, NJ 5g; 3/12/97  
970747 - *Buddleja davidii* 'Bonnie'; M.Dirr, U. of GA; cutting; 9/8/97  
970745 - *Buddleja davidii* 'Honeycomb' M.Dirr, UGA; cutting; 9/8/97  
970741 - *Buddleja davidii* 'Moonshadow' M.Dirr, UGA; cutting; 9/8/97  
970669 - *Buddleja davidii* 'Nanho White' M. Dirr, UGA; 4" pot; 7/1/97  
970668 - *Buddleja davidii* 'Potter's Purple' M. Dirr, UGA; 4" pot; 7/1/97  
970670 - *Buddleja davidii* 'Raspberry Wine' M. Dirr, UGA; 4" pot; 7/1/97  
970725 - *Buddleja davidii* 'Royal Red'; Shadow Nur TN; 2 gal; 8/26/97  
970665 - *Buddleja davidii* 'Summer Beauty' M. Dirr, UGA; 4" pot; 7/1/97  
970744 - *Buddleja davidii* 'Summer Beauty' M.Dirr, UGA; cutting; 9/8/97  
970672 - *Buddleja davidii* 'Summer Rose'; Dirr, UGA; 4" pot; 7/1/97  
970680 - *Buddleja davidii* var. *veitchiana* 'Fortune'; Dr. M. Dirr, U. of GA; 4" pot; 7/1/97  
970726 - *Buddleja davidii* var. *veitchiana* 'Pink Delight'; Shadow Nursery, TN; 2 gal; 8/26/97  
970146 - *Buddleja davidii* 'White Bouquet'; Johnson Nursery, NC; 3 gal; 3/12/97  
970671 - *Buddleja davidii* 'White Bouquet'; M.Dirr, UGA; 4" pot; 7/1/97  
970742 - *Buddleja davidii* 'White Bouquet' M.Dirr, UGA; cutting; 9/8/97  
970801 - *Buddleja davidii* 'White Cloud' M.Dirr, U. Ga.; 4" pot; 7/01/97  
970743 - *Buddleja davidii X weyeriana* 'Moonlight'; rec'd as *B. davidii* 'Moonlight'; Dr. M.Dirr, U. of GA; cutting; 9/8/97  
970687 - *Buddleja japonica*; Dr. M. Dirr, U. of GA; 4" pot; 7/1/97  
970746 - *Buddleja lindleyana* 'Miss Veitchi' M.Dirr, UGA; cutting; 9/8/97  
970870 - *Buddleja saligna*; Tony Avent, NC; 4 pack; 10/28/97  
970740 - *Buddleja scorioides*; Dr. M.Dirr, U. of GA; cutting; 9/8/97  
970679 - *Buddleja X weyeriana* 'Honeycomb' M.Dirr, UGA; 4" pot; 7/1/97  
970837 - *Bupleurum lancifolium*; Instituto de Botanica, Portugal; seed; 10/23/97  
970366 - *Buxus microphylla* 'Curly Locks'; Jim Saunders; 1g; 5/20/97  
970368 - *Buxus microphylla* 'Jim's Tru Spreader'; Jim Saunders; 3 gal; 5/20/97  
970362 - *Buxus microphylla* var. *japonica* 'Green Beauty'; rec'd as *B. X* 'Green Beauty'; Jim Saunders; B&B; 5/20/97  
970363 - *Buxus microphylla* var. *japonica* 'Morris Dwarf'; rec'd as *B. m.* 'M.D.'; Jim Saunders; 1 gal; 5/20/97  
970353 - *Buxus sempervirens*; Jim Saunders; B&B; 5/20/97  
970361 - *Buxus sempervirens* 'Dee Runk' Jim Saunders; B&B; 5/20/97  
970356 - *Buxus sempervirens* 'Elegantissima' Jim Saunders; 3g 5/20/97  
970355 - *Buxus sempervirens* 'Fastigiata'; Jim Saunders; 3 g; 5/20/97  
970231 - *Buxus sempervirens* 'Graham Blandy'; PAX, NC; 1g 4/14/97  
970354 - *Buxus sempervirens* 'Graham Blandy' Jim Saunders 3g 5/20/97  
970924 - *Buxus sempervirens* 'Graham Blandy'; Yadkin Valley Nursery, NC; 1 gal; 11/6/97  
970358 - *Buxus sempervirens* 'Suffruticosa' Jim Saunders; 3g; 5/20/97  
970359 - *Buxus sempervirens* 'Vardar Valley' Jim Saunders 3g; 5/20/97  
970360 - *Buxus sempervirens* 'Virginia Ingles' Jim Saunders 3g 5/20/97  
970357 - *Buxus sinica* var. *insularis*; rec'd as *B. microphylla* var. *insularis*; Jim Saunders; 3 gal; 5/20/97  
970367 - *Buxus sinica* var. *insularis* 'Justin Brouwers'; Jim Saunders; 3 gal; 5/20/97  
970364 - *Buxus sinica* var. *insularis* 'Wintergreen'; rec'd as *B. microphylla* 'W'; Jim Saunders; 1 gal; 5/20/97  
970365 - *Buxus X* 'Green Pillow'; Jim Saunders; 1 gal; 5/20/97  
970298 - *Caesalpinia decapetala*; Qingpu Paradise Hort. Co. Ltd, China; seed; 5/3/97  
970549 - *Caesalpinia gilliesii*; Plant Delights, NC;  
970264 - *Calamintha nepeta* ssp. *nepeta*; rec'd as *C. nepetoides*; Hills of the Haw, NC; 1 gal; 4/30/97  
970194 - *Calanthe tricarinata*; Plant Delights, NC; 1 qt; 4/10/97  
970052 - *Calla* sp.; Langeveld Bulb Company, NC; bareroot; 2/28/97  
971020 - *Callicarpa americana*; Yadkin Valley Nur, NC; 3 gal; 11/6/97  
970603 - *Callicarpa bodinieri* var. *giraldii*; rec'd as *C. giraldii*; Washington Park Arboretum, WA; seed; 6/1/97  
970615 - *Callicarpa bodinieri* var. *giraldii*; Tony Avent, NC; 1 qt; 7/1/97  
971016 - *Callicarpa japonica* 'Leucocarpa'; Yadkin Valley Nursery, NC; 3 gal; 11/6/97  
970067 - *Callistemon citrinus*; Royal Horticultural Soc; seed; 3/5/97  
970780 - *Callistemon linearis*; rec'd with name as (Schrad. & J.D. Wendl) DC.; Strybing Arboretum, CA; seed; 9/15/97  
970597 - *Callistemon rigidus*; Wash. Park Arb, WA; seed; 6/1/97  
970864 - *Calocedrus macrolepis*; Tony Avent, NC; 1 gal; 10/28/97  
970661 - *Calycanthus floridus* 'Sweetshrub'; Gilbert Nur SC 3g; 7/1/97  
970790 - *Calycanthus occidentalis*; rec'd with author as Hook & Arn.; Davis Arboretum, CA; seed; 10/1/97  
970580 - *Camassia quamash*; Wash. Park Arb, WA; seed; 6/1/97  
970093 - *Camellia japonica* 'Finlandia'; Hawksridge Nur, NC; 3g 3/5/97  
970004 - *Camellia japonica* 'Tulip Time'; Head Lee N, SC; 3g; 1/13/97  
970424 - *Camellia X* 'Winter Star'; Ray Bond, TX; rooted cutt; 5/28/97  
970280 - *Campanula glomerata* 'Crown of Snow'; 'Schneekrone'; Hills of the Haw, NC; 1 gal; 4/30/97  
970813 - *Campanula lusitanica*; Instituto de Botanica, Portugal; seed; 10/23/97

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- 970113-Campanula trachelium var.alba;IanSimpkins,NCseed;3/17/97  
 971122 - Canna 'Cleopatra'; Linda Cocoran; bareroot; 11/13/97  
 971125 - Canna 'Delaware'; Plant Delights, NC; 11/13/97  
 971127 - Canna 'Kansas City'; Plant Delights, NC; 11/13/97  
 971126 - Canna 'Phaison'; Plant Delights, NC; 11/13/97  
 970446 - Canna sp.; Edith Eddleman, NC; 1 gal; 5/20/97  
 970479 - Canna X 'Durban'; Plant Delights, NC; 5/21/97  
 970546 - Canna X generalis 'Tropicana'; Plant Delights, NC;  
 970463 - Canna X 'Pink Sunburst'; Plant Delights, NC; 5/20/97  
 970410 - Carex buechananii; Hoffman Nursery, NC; 4" pot; 5/7/97  
 970207 - Carex dolichostachya 'Kaga Nishiki'; Plant Delights;  
 970172 - Carex morrowii 'Silk Tassel'; Plant Delights, NC; 1qt;4/10/97  
 970438 - Carex X 'Golden Fountain'; Fairview Nur,NC; 1 qt; 5/29/97  
 971091 - Carpinus betulus 'Incisa'; Arborvillage, NC; 1 gal; 12/19/97  
 971060 - Carpinus cordata; NA Rock Garden Soc S; seed; 12/12/97  
 970308 - Carpinus handellii; Qingpu Paradise Hort. Co. Ltd, China; seed; 5/3/97  
 971059 - Carpinus henryana; NARock Garden Soc S; seed; 12/12/97  
 970061 - Carpinus japonica; Japanese OR (origin?) on label from Schmidt; Schmidt & Sons Co, OR; bareroot; 3/3/97  
 971093 - Carpinus laxiflora 'Pendula'; Arborvillage, NC; 1 g; 12/19/97  
 971064 - Carpinus turczaninowii; North American Rock Garden Society S; seed; 12/12/97  
 971056 - Carpinus turczaninowii var. ovalifolia; North American Rock Garden Society S; seed; 12/12/97  
 970304 - Carpinus viminea; rec'd as author Wall; Qingpu Paradise Hort. Co. Ltd, China; seed; 5/3/97  
 970888 - Carya ovata; Yucca Do Nursery, TX; T72-93; seed; 10/28/97  
 970892 - Carya sp.; Yucca Do Nursery, TX; T72-40; seed; 10/28/97  
 970385 - Caryopteris X clandonensis 'Worcester Gold'; The Potting Shed, NC; 1 gal; 5/7/97  
 970473 - Caryopteris X clandonensis 'Worcester Gold'; PAX,NC; 5/21/97  
 970902 - Ceanothus coeruleus; Dick Bir, NC; 1 qt; 11/4/97  
 970901 - Ceanothus impressus 'Victoria'; Dick Bir, NC; 1 qt; 11/4/97  
 970903 - Ceanothus prostratus; Dick Bir, NC; 1 qt; 11/4/97  
 971073 - Celtis reticulata; Desert Botanical Garden; seed; 12/12/97  
 970261 - Centaurea montana 'Alba'; Hills of the Haw, NC; 1g;4/30/97  
 970522 - Centaurea sp.; Barefoot Paths, NC; 6/4/97  
 970458 - Centranthus sp.; Ted Kipping.; 5/20/97  
 970383 - Cephalaria gigantea; Plne Knott Farms, VA; 1 gal; 4/28/97  
 970862 - Cephalotaxus fortunei var. alpina; Tony Avent, NC; CS-21-97; 1 qt; 10/28/97  
 970857 - Cephalotaxus harringtonia var. harringtonia; Tony Avent, NC; 1 qt; 10/28/97  
 970861 - Cephalotaxus lanceolata; Tony Avent, NC; 1 qt; 10/28/97  
 970590 - Cercidiphyllum japonicum; Washington Park Arboretum, WA; seed; 6/1/97  
 970717 - Cercis canadensis 'Alba'; Shadow Nursery, TN; 5 g;8/26/97  
 970148 - Cercis canadensis ssp. texensis 'Texas White'; Tarheel Natives, NC; 10 gal; 3/25/97  
 970096 - Cercis canadensis 'Tennessee Pink'; Fairweather Gardens, NJ; 3 gal; 3/12/97  
 970596 - Cercis occidentalis; Washington Park Arb, WA; seed; 6/1/97  
 970082 - Cercis siliquastrum; Royal Horticultural Soc; seed; 3/5/97  
 970786 - Cercocarpus montanus var. glabra; rec'd as Cercocarpus betuloides Nutt ex Torr & A. Gray var. blancheae (C. Schneid.) Little; Davis Arboretum, CA; seed; 10/1/97  
 971036 - Cestrum elevans var. smithii; Nurseries Caroliniana, SC; 3" pot; 11/21/97  
 970523 - Cestrum sp.; Barefoot Paths, NC; 6/4/97  
 970068 - Chamaecyparis funebris; rec'd as Cupressus funebris; Royal Horticultural Society; seed; 3/5/97  
 970947 - Chamaecyparis obtusa 'Blue Feathers'; Yadkin Valley Nursery, NC; 1 gal; 11/6/97  
 970968 - Chamaecyparis obtusa 'Fernspray Gold'; Yadkin Valley Nursery, NC; 1 gal; 11/6/97  
 970659 - Chamaecyparis obtusa 'Filicoides' Head Lee N, SC1g;7/1/97  
 970627 - Chamaecyparis obtusa 'Gracilis'; Head Lee N,SC; g7/1/97  
 970932 - Chamaecyparis obtusa 'Nana Gracilis'; Yadkin Valley Nursery, NC; 1 gal; 11/6/97  
 970633 - Chamaecyparis obtusa 'Tetragona Aurea'; Head Lee Nursery, SC; 1 gal; 7/1/97  
 970925 - Chamaecyparis obtusa 'Tetragona Aurea'; Yadkin Valley Nursery, NC; 1 gal; 11/6/97  
 970649 - Chamaecyparis obtusa 'Tortulosa'; Head Lee N,SC1g7/1/97  
 970978 - Chamaecyparis obtusa 'Torulosa'; Yadkin Valley N,NC; 1 g11/6/97  
 970973 - Chamaecyparis pisifera 'Filifera Aurea Nana'; Yadkin Valley Nursery, NC; 1 gal; 11/6/97  
 970997 - Chamaecyparis pisifera 'Plumosa Aurea Nana'; rec'd as C.p. 'P. A. Compacta'; Yadkin Valley Nursery, NC; 2 gal; 11/6/97  
 970931 - Chamaecyparis pisifera 'Squarrosa Intermedia'; Yadkin Valley Nursery, NC; 2 gal; 11/6/97  
 970986 - Chamaecyparis pisifera 'Tsukumo'; Yadkin Valley Nursery, NC; 2 gal; 11/5/97  
 970511 - Chamaecyparis thyoide M.Dirr,UGA; AA13047;3"pot; 6/9/97  
 970728 - Chamaecyparis thyoides;Webb #1;M.Dirr,UGA;3"p;8/29/97  
 970729 - Chamaecyparis thyoides;M. Dirr,UGA;AA129681; 3" pot; 8/29/97  
 970730 - Chamaecyparis thyoides; Planting fields #2; Dr. M. Dirr, U. of GA; 3" pot; 8/29/97  
 970731 - Chamaecyparis thyoides; Planting fields #1; Dr. M.Dirr, U. of GA; 3" pot; 8/29/97  
 970733 - Chamaecyparis thyoides; rec'd as C. thyoides compact Okefenuckee; Dr. M.Dirr, U. of GA; 3" pot; 8/29/97  
 970737 - Chamaecyparis thyoides; rec'd as C. thyoides 'J.C.' ?; Dr. M.Dirr, U. of GA; 3" pot; 8/29/97  
 970799 - Chamaecyparis thyoides; Dr. M.Dirr, U. of GA; Arn Arb 102284; 3" pot; 8/29/97  
 970506 - Chamaecyparis thyoides 'Andelyensis'; Dr. M.Dirr, U. of GA; 3" pot; 6/9/97  
 970972 - Chamaecyparis thyoides 'Andelyensis Conica'; Yadkin Valley Nursery, NC; 1 gal; 11/6/97  
 970800 - Chamaecyparis thyoides 'Aqua Vehu'; Dr. M.Dirr, U. of GA; 3" pot; 8/29/97  
 970732 - Chamaecyparis thyoides 'Aurea'; Dr. M.Dirr, U. of GA; 3" pot; 8/29/97  
 970739 - Chamaecyparis thyoides 'Blue Sport'; Dr. M.Dirr, U. of GA; 3" pot; 8/29/97  
 970503 - Chamaecyparis thyoides 'Compacta Glauca'; Dr. M.Dirr, U. of GA; 3" pot; 6/9/97  
 970735 - Chamaecyparis thyoides 'Dilworth Variegata'; Dr. M.Dirr, U. of GA; 3" pot; 8/29/97  
 970508 - Chamaecyparis thyoides 'Dodd's Form'; Dr. M.Dirr, U. of GA; 3" pot; 6/9/97  
 970513 - Chamaecyparis thyoides 'Ericoides'; Dr. M.Dirr, U. of GA; 3" pot; 6/9/97  
 970516 - Chamaecyparis thyoides 'Glauca'; Dr. M.Dirr, U. of GA; 3" pot; 6/9/97  
 970515 - Chamaecyparis thyoides 'Glauca Pendula'; Dr. M.Dirr, U. of GA; 3" pot; 6/9/97  
 970738 - Chamaecyparis thyoides 'Heatherbun'; Dr. M.Dirr, U. of GA; 3" pot; 8/29/97  
 970982 - Chamaecyparis thyoides 'Heatherbun'; Yadkin Valley Nursery, NC; 1 gal; 11/6/97  
 970510 - Chamaecyparis thyoides 'Little Jamie'; Dr. M.Dirr, U. of GA; 3" pot; 6/9/97  
 970977 - Chamaecyparis thyoides 'Little Jamie'; Yadkin Valley Nursery, NC; 1 gal; 11/6/97  
 970507 - Chamaecyparis thyoides 'Meth Dwarf'; Dr. M.Dirr, U. of GA; 3" pot; 6/9/97

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- 970505 - *Chamaecyparis thyoides* 'Mobile Bay Form'; Dr. M.Dirr, U. of GA; 3" pot; 6/9/97  
970999 - *Chamaecyparis thyoides* 'Pomona'; Yadkin Valley Nursery, NC; 3 gal; 11/6/97  
970501 - *Chamaecyparis thyoides* 'Red Star'; Dr. M.Dirr, U. of GA; 3" pot; 6/9/97  
970499 - *Chamaecyparis thyoides* 'Rubicon'; Dr. M.Dirr, U. of GA; 3" pot; 6/9/97  
970934 - *Chamaecyparis thyoides* 'Rubicon'; Yadkin Valley Nursery, NC; 1 gal; 11/6/97  
970500 - *Chamaecyparis thyoides* 'Shiva'; Dr. M.Dirr, U. of GA; 3" pot; 6/9/97  
970512 - *Chamaecyparis thyoides* 'Summer Hill Nursery Form'; Dr. M.Dirr, U. of GA; 3" pot; 6/9/97  
970498 - *Chamaecyparis thyoides* 'Top Point'; Dr. M.Dirr, U. of GA; 3" pot; 6/9/97  
970509 - *Chamaecyparis thyoides* 'Top Point'; Dr. M.Dirr, U. of GA; 3" pot; 6/9/97  
970497 - *Chamaecyparis thyoides* 'Twombly Blue #1'; Dr. M.Dirr, U. of GA; 3" pot; 6/9/97  
970514 - *Chamaecyparis thyoides* var. *henryae*; Dr. M.Dirr, U. of GA; 3" pot; 6/9/97  
970504 - *Chamaecyparis thyoides* 'Variegata'; Dilworth; Dr. M.Dirr, U. of GA; 3" pot; 6/9/97  
970502 - *Chamaecyparis thyoides* 'Webb #2'; Dr. M.Dirr, U. of GA; 3" pot; 6/9/97  
970798 - *Chamaecyparis thyoides* 'Webb Gold'; Dr. M.Dirr, U. of GA; 3" pot; 8/29/97  
970081 - *Chamaecytisus supinus*; Royal Horticultural Soc; seed; 3/5/97  
970252 - *Chelone glabra*; Niche Gardens, NC; 1 qt; 4/29/97  
970337 - *chinese lantern* - white; Barefoot Paths, NC; 1 qt; 3/30/97  
971049 - *Chrysanthemum koreanum* 'Single Pink'; Blue Mount Nurseries, MD; 1 pt; 12/10/97  
970470 - *Chrysogonum virginianum* 'Eco Lacquered Spider'; Plant Delights, NC;  
971037 - *Cichorisandra thyrisiflora*; Ted Stevens; Nurseries Caroliniana.; 3" pot; 11/21/97  
970217 - *Cimicifuga simplex* 'White Pearl' Pine Knot Farms VA; 4/11/97  
970846 - *Cinnamomum chekianjensis*; Recieved as *Cinnamomum chengkiangensis*; Camellia Forest Nursery; 1 gal; 10/24/97  
970817 - *Cistus albidus*; Instituto de Botanica, Portugal; seed 10/23/97  
970390 - *Clematis crispa*; Edith Eddleman, NC; 3 gal; 5/7/97  
970599 - *Clematis flammula*; Washington Park Arb, WA; seed; 6/1/97  
970909 - *Clematis flammula*; Pine Knot Farms, VA; 1 gal; 9/1/97  
970710 - *Clematis heracleifolia* var.  *davidiana*; Rosemary Kautzky, NC; 4" pot; 6/97  
970906 - *Clematis heracleifolia* var.  *davidiana*; Pine Knot Farms, VA; 1 gal; 9/1/97  
970793 - *Clematis lasiantha*; rec'd with author as Nutt; Davis Arboretum, CA; seed; 10/1/97  
970581 - *Clematis ligusticifolia*; Wash. Park Arb, WA; seed; 6/1/97  
970616 - *Clematis similacenaefolia*; or should this be "*c. smilacifolia*"? -9/97; Tony Avent, NC; cell; 7/1/97  
970872 - *Clematis* sp.; Tony Avent, NC; 96CSC594; 1 qt; 10/28/97  
970873 - *Clematis* sp.; Tony Avent, NC; 96CSC595; 1 qt; 10/28/97  
970874 - *Clematis* sp.; Tony Avent, NC; 96CSC054; 1 qt; 10/28/97  
970875 - *Clematis* sp.; Tony Avent, NC; 96CSC199; 1 qt; 10/28/97  
970876 - *Clematis* sp.; Tony Avent, NC; 96CSC473; 1 qt; 10/28/97  
970877 - *Clematis* sp.; Tony Avent, NC; 96CSC569; 1 qt; 10/28/97  
970878 - *Clematis* sp.; Tony Avent, NC; 96CSC557; 1 qt; 10/28/97  
970879 - *Clematis* sp.; Tony Avent, NC; 96CSC255; 1 qt; 10/28/97  
970880 - *Clematis* sp.; Tony Avent, NC; 96CSC502; 1 qt; 10/28/97  
970881 - *Clematis* sp.; Tony Avent, NC; 96CSC521; 1 qt; 10/28/97  
970389 - *Clematis tibetana*; The Potting Shed, NC; 1 gal; 5/7/97  
970025 - *Clematis versicolor*; Am. Hort. Soc.; seed; 2/4/97  
970335 - *Clematis* X 'Summer Snow'; Barefoot Paths, NC; 1 gal; 3/30/97  
971079 - *Clerodendron capitatum*; Berlin BG, Ger; seed; 12/12/97  
970666 - *Clethra alnifolia*; Dirr Clone #1; M. Dirr, UGA; 4" pot; 7/1/97  
970667 - *Clethra alnifolia*; Dirr Clone #2; M. Dirr, UGA; 4" pot; 7/1/97  
970644 - *Clethra alnifolia* 'Ann Bidwell'; Head Lee N, SC; 1 gal; 7/1/97  
970012 - *Clethra alnifolia* 'Fern Valley Pink' Head Lee N, SC; 1g1/13/97  
970036 - *Clethra alnifolia* 'Hummingbird'; Head Lee Nursery, SC;  
970092 - *Clethra alnifolia* 'Hummingbird'; Hawksridge N, NC; 3g 3/5/97  
970147 - *Clethra alnifolia* 'Hummingbird' Tarheel Natives, NC; 3g 3/25/97  
970622 - *Clethra alnifolia* 'Hummingbird' Head Lee N, SC; 1 gal; 7/1/97  
970037 - *Clethra alnifolia* 'Pink Spires'; Head Lee Nursery, SC;  
970689 - *Clethra alnifolia* 'Ruby Spice'; M. Dirr, UGA; 4" pot; 7/1/97  
970295 - *Clethra cavaleriei*; Qingpu Paradise Hort. Co. Ltd, China; seed; 5/3/97  
970871 - *Clethra cavaleriei*; Tony Avent, NC; seedlings; 10/28/97  
970310 - *Clethra faberi*; rec'd as author Hance; Qingpu Paradise Hort. Co. Ltd, China; seed; 5/3/97  
970325 - *Cleyera japonica*; Qingpu Paradise Hort. Co. Ltd, China; seed; 5/3/97  
970242 - *Cobaea scandens*; Laurie Cochran, NC; 4/1/97  
971147 - *Colocasia* 'Black Star'; Randy Salter, NC; 11/13/97  
970247 - *Colocasia* X 'Black Magic'; Ian Simpkins, NC; 4/29/97  
970454 - *Conradina verticillata*; NC Bot Garden, Chapel Hill; 5/20/97  
970091 - *Convallaria majalis*; Hawksridge Nursery, NC; 1 gal; 3/5/97  
970152 - *Convallaria majalis*; Pender Nursery, NC; 1 gal; 3/25/97  
970244 - *Convallaria majalis* var. *rosea*; Rosemary Kautzky, NC; 4/23/97  
971119 - *Coprosma* X 'Kirkii Variegated'; Jane McNeary; 11/13/97  
970946 - *Coreopsis* X 'Flying Saucers'; Bluemount Nur; 1 g; 12/10/97  
970953 - *Coreopsis* X 'Flying Saucers'; Blue Mount N, MD; 1g; 12/10/97  
970347 - *Cornus canadensis*; Rosemary Kautzky, NC; 3" pot; 5/1/97  
970854 - *Cornus capitata*; Tony Avent, NC; AIC-329C; seedlings; 10/28/97  
970882 - *Cornus controversa*; Tony Avent, NC; A1K-066; seed; 10/28/97  
970017 - *Cornus kousa* 'Bear'; Bald Hill Nursery, RI; 1 gal; 1/14/97  
971021 - *Cornus stolonifera* 'Flaviramea'; rec'd as *C. stolonifera lutea flaviramea*; Yadkin Valley Nursery, NC; 1 gal; 11/6/97  
970014 - *Cornus* X 'Aurora' TM; Shadow Nursery, TN; 5 gal; 1/14/97  
970016 - *Cornus* X 'Celestial' TM; Shadow Nursery, TN; 10g; 1/14/97  
970015 - *Cornus* X 'Constellation' TM; Shadow Nursery, TN; 7g1/14/97  
970008 - *Cortaderia selloana* 'Silver Comet'; Nurseries Caroliniana, SC; 3 gal; 1/13/97  
970403 - *Cortaderia sellowiana* 'Aureolineata'; rec'd as *C.s.* 'Gold Band'; Hoffman Nursery, NC; 3 gal; 5/7/97  
970168 - *Corydalis flexuosa* 'China Blue' Plant Delights, NC; 1qt4/10/97  
970758 - *Corydalis pallida*; rec'd with author as (Thunb.); Strybing Arboretum, CA; seed; 9/15/97  
970804 - *Corylus chinensis fargesii*; US Nat'l Arboretum; 3g; 10/10/97  
970485 - *Cosmos* sp.; Barefoot Paths, NC; 1 qt; 5/23/97  
970721 - *Cotinus coggygria* 'Royal Purple'; Shadow N, TN; 2g 8/26/97  
971018 - *Cotoneaster apiculatus* 'Tom Thumb'; Yadkin Valley N, NC; 2 11/6/97  
970937 - *Cotoneaster dammeri* 'Streibs Findling'; Yadkin Valley Nursery, NC; 5 gal; 11/6/97  
970974 - *Cotoneaster dammeri* 'Streibs Findling';  
970218 - *Crambe cordifolia*; Pine Knot Farms, VA; 4/11/97  
970938 - *Cryptomeria japonica* 'Albospica'; Yadkin Valley Nursery, NC; 1 gal; 11/6/97  
970634 - *Cryptomeria japonica* 'Ben Franklin' Head Lee N, SC; 1g7/1/97  
970642 - *Cryptomeria japonica* 'Black Dragon'; Head Lee N, 1g7/1/97  
970921 - *Cryptomeria japonica* 'Elegans' Yadkin Valley N, NC; 3g11/6/97  
971014 - *Cryptomeria japonica* 'Elegans Nana'; Yadkin Valley Nursery, NC; 1 gal; 11/6/97  
970662 - *Cryptomeria japonica* 'Giokumo'; rec'd as C.j. 'Gyokruya'; Head Lee Nursery, SC; 1 gal; 7/1/97  
970926 - *Cryptomeria japonica* 'Giokumo'; Yadkin Valley Nursery, NC; 1 gal; 11/6/97

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- 970663-Cryptomeria japonica'Globosa Nana'Head Lee N,SC1g7/1/97  
970939 - Cryptomeria japonica 'Knaptensis'; Yadkin Valley Nursery, NC; 1 gal; 11/6/97  
970976 - Cryptomeria japonica 'Lobbii Nana'; Yadkin Valley Nursery, NC; 1 gal; 11/6/97  
970648 - Cryptomeria japonica 'Purple Sentinel'; Head Lee Nursery, SC; 1 gal; 7/1/97  
970989 - Cryptomeria japonica 'Sekkan'; Yadkin Valley Nursery, NC; 1 gal; 11/5/97  
970935 - Cryptomeria japonica 'Tansu'; Yadkin Valley Nursery, NC; 2 gal; 11/6/97  
970941 - Cryptomeria japonica 'Tight'; Yadkin Valley Nursery, NC; 1 gal; 11/6/97  
970630 - Cryptomeria japonica var. radicans; Head Lee Nursery; 1 gal; 7/1/97  
970959 - Cryptomeria japonica 'Yatsubasa'; Yadkin Valley Nursery, NC; 1 gal; 11/5/97  
970922 - Cryptomeria japonica 'Yellow Twig'; Yadkin Valley Nursery, NC; 1 gal; 11/6/97  
970940 - Cryptomeria japonica 'Yoshino'; Yadkin Valley Nursery, NC; 1 gal; 11/6/97  
970375 - Cuphea glutinosa; Big Bloomers, NC; 4" pot; 5/7/97  
971132 - Cuphea hyssopifolia'Alba'Edith Eddleman,NC;4"p.11/13/97  
970971 - Cupressocyparis leylandii 'Naylor's Blue'; Cupressus macrocarpa X Chamaecyparis nootkatensis; Yadkin Valley Nursery, NC; 1 gal; 11/6/97  
970970 - Cupressocyparis leylandii 'Silver Dust'; Cupressus macrocarpa X Chamaecyparis nootkatensis; Yadkin Valley Nursery, NC; 1 gal; 11/6/97  
970655 - Cupressus arizonica var. glabra 'Silver Smoke'; rec'd as C. glabra 'Silver Smoke'; Head Lee Nursery, SC; 1 gal; 7/1/97  
970858 - Cupressus austrothebetica; Tony Avent, NC; 1 qt; 10/28/97  
970865 - Cupressus jiangensis; Tony Avent, NC;96-0059;1g 10/28/97  
971123 -Curcuma elatior'Emperor'Gainesville Tree Farm,FL;11/13/97  
971128 - Curcuma zedoaria; Plant Delights, NC; 11/13/97  
970075 - Cyclamen ciliatum; Royal Horticultural Society; seed; 3/5/97  
970076 - Cyclamen coum; Royal Horticultural Society; seed; 3/5/97  
970078 - Cyclamen graecum; Royal Horticultural Society; seed; 3/5/97  
970079 - Cyclamen hederifolium; Royal Horticultural S; seed; 3/5/97  
970072 - Cyclamen libanoticum; Royal Horticultural S; seed; 3/5/97  
970073 - Cyclamen mirabile; Royal Horticultural Soc; seed; 3/5/97  
970178 - Cymbidium ensifolium; Plant Delights, NC; 1 qt; 4/10/97  
971150 - Cymbopogon citratus; rec'd as "lemon grass"; 11/13/97  
970413 - Cynara cardunculus; Steve Todd, NC; 3" pot; 5/7/97  
971101-Cyrilla racemiflora'Graniteville'Woodlanders N,SC;1g12/19/97  
970521 - Dahlia imperialis; Barefoot Paths, NC; 6/4/97  
970455 - Dahlia merckii 'Hadspen Star'; Heronswood N, WA; 5/20/97  
970541 - Dahlia X 'Bednall Beauty'; Edith Eddleman, NC;  
970074 - Daphne giraldii; Royal Horticultural Society; seed; 3/5/97  
970602 - Daphne laureola; Washington Park Arb, WA; seed; 6/1/97  
970070 - Daphne mezereum; Royal Horticultural Soc; seed; 3/5/97  
971013 - Daphne odora 'Variegata'; Yadkin Valley N, NC; 2 g; 11/6/97  
970069 - Daphne oleoides; Royal Horticultural Society; seed; 3/5/97  
970612 - Dasyliion leiophyllum; Tony Avent, NC; cell; 7/1/97  
970611 - Dasyliion sp.; Tony Avent, NC; T52M-25-11993 Yucca Du Nurs; 1 qt; 7/1/97  
970257 - Daucus carota; Niche Gardens, NC; 1 qt; 4/30/97  
970673 - Decumaria barbara; Dr. M. Dirr, U. of GA; 4" pot; 7/1/97  
970441 - Delosperma; Fairview Nursery, NC; 1 gal; 5/29/97  
970537 - Delosperma sp.;  
970551 - Delphineum exaltatum;  
970142 - Deutzia crenata var. nakaiana 'Nikko'; Johnson Nusery, NC; 3 gal; 3/12/97  
970274 - Deutzia crenata var. nakaiana 'Nikko'; Apex Nursery, NC; 3 gal; 4/30/97  
970565 - Deutzia scabra 'White Splash'Heronswood N,WA;1qt;7/9/97  
970278 - Dianthus deltoides 'Albus'Hills of the Haw, NC; 1 qt; 4/30/97  
970927 - Dianthus gratianopolitanus 'Tiny Rubies'; rec'd as Dianthus 'Tiny Rubies'; Yadkin Valley Nursery, NC; 1 gal; 11/6/97  
970054 - Dicentra sp.; Langeveld Bulb Co, NC; bareroot; 2/28/97  
970156 - Dicentra spectabilis 'Alba'; Hills of the Haw, NC; 3/27/97  
970219 - Dicentra spectabilis 'Alba'; Pine Knot Farms, VA; 4/11/97  
970345 - Dicentra X 'Bacchanal'; rec'd as D. formosa 'Bachanai'; Rosemary Kautzky, NC; 3" pot; 5/1/97  
970125 - Diplarrhena moraea; Ian Simpkins, NC; seed; 3/17/97  
970049 - Dirca palustris; Mt. Holyoke; seed; 2/26/97  
970776 - Disporum smithii; rec'd with name as (Hook.) Piper; Strybing Arboretum, CA; seed; 9/15/97  
970443 - Dodecatheon media; Fairview Nursery, NC; 1 qt; 5/29/97  
970753 - Dosmos crithmifolius; rec'd with author as H.B.K.; Strybing Arboretum, CA; seed; 9/15/97  
970484 - Drimys winteri var. chilensis; R. Kautzky, NC; 1 gal; 6/9/97  
971019 - Dronus stolonifera 'Baileyi'; Yadkin Valley Nursery, NC; 3 gal; 11/6/97  
970085 - Dryopteris filix-mas 'Undulata Robusta'; Hawksridge Nursery, NC; 2 gal; 3/5/97  
970160 - Dryopteris ludoviciana; Name was Southern Shield Fern-11/19/97; NC Botanical Garden, Chapel Hill; 3/27/97  
970170 - Dryopteris sieboldii; Plant Delights, NC; 1 gal; 4/10/97  
970151 - Echinacea purpurea 'White Swan'; Pender N,NC;1g 3/25/97  
970155-Echinacea purpurea'White Swan'Hills of the Haw,NC;3/27/97  
970011 - Elaeagnus pungens; Glen St. Mary Nurs, AL; 3 gal; 1/13/97  
971075 - Enkianthus chinensis; Glasnevin National BG, Dublin, Ire; seed; 12/12/97  
970220 - Epimedium X youngianum 'Niveum'; Pine Knot Farms, VA; 4/11/97  
970749 - Eryngium amethystinum; rec'd with author as L.; Strybing Arboretum, CA; seed; 9/15/97  
970123 - Eryngium giganteum; Ian Simpkins, NC; seed; 3/17/97  
970122 - Eryngium horridum; Ian Simpkins, NC; seed; 3/17/97  
970750 - Eryngium planum; rec'd with author as L.; Strybing Arboretum, CA; seed; 9/15/97  
970130 - Eryngium proteiflorum; Ian Simpkins, NC; seed; 3/17/97  
970777 - Eucomis autumnalis; rec'd with name as (Mill) Chitt; Strybing Arboretum, CA; seed; 9/15/97  
971063 - Euonymus hamiltonianus var. yedoensis; North American Rock Garden Society S; seed; 12/12/97  
970316 - Euonymus myrianthus; rec'd as author Hemsl.; Qingpu Paradise Hort. Co. Ltd, China; seed; 5/3/97  
970566 - Euonymus oxyphyllus; Heronswood Nurs, WA; 1 gal; 7/9/97  
970003 - Euonymus phellomanus;Shadow Nur, TN; B&B; 1/13/97  
971066 - Euonymus phellomanus; North American Rock Garden Society; seed; 12/12/97  
970315 - Euonymus sanguineus; rec'd as author Loes.; Qingpu Paradise Hort. Co. Ltd, China; seed; 5/3/97  
970309 - Euonymus verrucosus var. chinense; Qingpu Paradise Hort. Co. Ltd, China; seed; 5/3/97  
970409 - Eupatorium rugosum 'Chocolate'; Hills of the Haw, NC; 4" pot; 5/7/97  
970418 - Eupatorium rugosum 'Chocolate'; Pine Knott Farms, Va; 1 gal; 5/7/97  
970756 - Euphorbia characias; rec'd with author as L.; Strybing Arboretum, CA; seed; 9/15/97  
970193 - Euphorbia dulcis 'Chameleon'Plant Delights,NC;1qt;4/10/97  
970821 - Euphorbia peplus; Instituto de Botanica,Port.;seed10/23/97  
970527 - Euphorbia pulcher; Barefoot Paths, NC; 6/4/97  
970332 - Euphorbia sikkimensis; Ian Simpkins, NC; 1 qt; 5/3/97  
970350 - Evodia daniellii; Ian Simpkins, NC; 5/16/97  
971062 -Exochorda korolkowii;NA Rock Garden Soc S;seed;12/12/97  
970560 - Fagus lucida; Heronswood Nurs, WA; 1 gal; 7/9/97  
970564 - Fagus taurica; Heronswood Nurs, WA; 1 gal; 7/9/97  
970556 - Fagus X moesiaca; Heronswood Nurs, WA; 1 gal; 7/9/97

# 1997 Accessions

- 970245 - *Fatsia japonica*; Johnson's Nursery, NC; 3 gal; 3/12/97  
 971045 - *Filipendula* X 'Kahome'; rec'd as *F. 'Kakomi'*; Blue Mount Nurseries, MD; 1 gal; 12/10/97  
 970860 - *Fokienia hodginsii*; Tony Avent, NC; 91-0428; 1 qt; 10/28/97  
 970307 - *Fokienia hodginsii*; Qingpu Paradise Hort. Co. Ltd, China; seed; 5/3/97  
 971096 - *Forestiera angustifolia* 'Weeping'; Woodlanders Nursery, SC; 1 gal; 12/19/97  
 970915 - *Fothergilla gardenii*; Yadkin Valley Nursery, NC; 2 g 11/6/97  
 970038 - *Fothergilla gardenii* 'Black Mountain'; Head Lee Nur, SC;  
 970149 - *Fothergilla gardenii* 'Mt. Airy'; Tarheel Natives, NC; 5g 3/25/97  
 970275 - *Fothergilla gardenii* 'Mt. Airy'; Apex Nur, NC; 3 gal; 4/30/97  
 970621 - *Gardenia augusta* 'White Gem'; rec'd as *G. jasminoides*; Monrovia Nursery, CA; 1 gal; 7/1/97  
 970640 - *Gardenia* 'Daisy'; Head Lee Nursery; 3 gal; 7/1/97  
 970578 - *Gardenia* 'Daruma'; Hawksridge Nurs, NC; 3 gal; 7/17/97  
 970210 - *Gardenia* 'Kleim Hardy'; Head Lee Nursery, SC; 3/28/97  
 970579 - *Gardenia* 'Kleim Hardy'; acc. sheet says : "not tagged as 'K.H.' but think it is "real McCoy"; Hawksridge Nurs, NC; 3 gal; 7/17/97  
 971081 - *Gardenia* 'Kleim Hardy'; Logans; 3 gal;  
 970411 - *Gaura lindheimeri* 'Corrie's Gold'; Pine Knott Farms, Va; 1 gal; 5/7/97  
 970190 - *Gentiana saponaria*; Plant Delights, NC; 1 qt; 4/10/97  
 971044 - *Gentiana septemfida*; Blue Mount Nur, MD; 1 pt; 12/10/97  
 970905 - *Geranium endressii* 'Claridge Druce'; Pine Knot Farms, VA; 1 gal; 9/1/97  
 971052 - *Geranium* X 'Dilys'; Blue Mount Nur, MD; 1 pt; 12/10/97  
 970805 - *Gleditsia sinensis*; US Nat'l Arb; 64896 "H?"; 3 gal; 10/10/97  
 970058 - *Gleditsia triacanthos* var. *inermis* 'Emerald Cascade'; Schmidt & Sons Co, OR; bareroot; 3/3/97  
 970759 - *Globularia* X *Indubia*; Strybing Arb, CA; seed; 9/15/97  
 970713 - *Habranthus tubispathus* var. *tubispathus*; NCSU Arb propagated; seed; 8/20/97  
 970468 - *Hakonechloa macra* 'Albovariegata' Plant Delights, NC 5/21/97  
 970818 - *Halimium umbellatum*; Instituto de Botanica, Portugal; seed; 10/23/97  
 970048 - *Hamamelis virginiana*; Mt. Holyoke; seed; 2/26/97  
 970440 - *Hedera colchica* 'Sulphur Heart' Fairview N, NC; 1 qt; 5/29/97  
 970286 - *Hedera helix* 'Glacier'; Plantworks Nur, NC; 2" pot; 4/30/97  
 970287 - *Hedera helix* 'Needlepoint'; Plantworks N, NC; 2" pot; 4/30/97  
 970234 - *Hedychium coronarium*; PAX Club Sale, 1997; 3 g; 4/14/97  
 970235 - *Hedychium* X 'Peach Delight'; PAX Club Sale, 3g; 4/14/97  
 971054 - *Helianthus angustifolius* 'Leather and Lace'; Blue Mount Nurseries, MD; 1 pt; 12/10/97  
 970789 - *Helianthus californicus*; rec'd with author as DC; Davis Arboretum, CA; seed; 10/1/97  
 970466 - *Helianthus mollis*; NC Botanical Garden, Chapel Hill; 5/21/97  
 970478 - *Heliotropium amplexicaule*; Messenbrinks Nur, NC; 5/21/97  
 970284 - *Helleborus foetidus*; Hills of the Haw, NC; 1 gal; 4/30/97  
 970161 - *Helleborus niger*; Valerie Tyson, NC; 3/31/97  
 970179 - *Helleborus niger*; Plant Delights, NC; 1 qt; 4/10/97  
 970238 - *Helleborus orientalis*; Hawksridge Nursery, NC; 2 g; 3/4/97  
 970165 - *Helleborus viridis*; Plant Delights, NC; 1 gal; 4/10/97  
 970482 - *Hemerocallis* X 'Corky'; Harlequin GarCA; bareroot; 5/28/97  
 970416 - *Hemerocallis* X 'Stella d'Oro' Margaret Pless, NC; 3g 5/7/97  
 971048 - *Heuchera villosa* 'Autumn Bride' Blue Mount N, MD; 1g 12/10/97  
 970119 - *Heuchera* X 'Emporer's Cloak' Ian Simpkins, NC; seed; 3/17/97  
 970281 - *Hibiscus moscheutos* 'Disco Belle'; Hills of the Haw, NC; 1g 4/30/97  
 970614 - *Hibranthus hibispathus texanus*; Tony Avent, NC; 1 qt; 7/1/97  
 970422 - *Hippeastrum* X 'Red Lion'. A. deHertogh, NCSU bulb 5/26/97  
 970421 - *Hippeastrum* X 'Red Oscar'. A. deHertogh, NCSU bulb; 5/26/97  
 970291 - *Holboellia grandiflora*; Qingpu Paradise Hort. Co. Ltd, China; seed; 5/3/97  
 970341 - *Hosta decorata*; Pine Knot Farms, VA; 1 gal; 3/30/97  
 970222 - *Hosta plantaginea*; Pine Knot Farms, VA; 4/11/97  
 970090 - *Hosta sieboldiana* 'Elegans'; Hawksridge N, NC; 1 g; 3/5/97  
 970143 - *Hosta sieboldiana* 'Elegans'; Johnson Nur, NC; 1g; 3/12/97  
 970427 - *Hosta venusta*; Fairview Nursery, NC; 1 gal; 5/29/97  
 970338 - *Hosta* X 'Ginko Craig'; Pine Knot Farms, VA; 1 gal; 3/30/97  
 970425 - *Hosta* X 'Great Expectations'; Fairview N, NC; 1 g; 5/29/97  
 970426 - *Hosta* X 'Han Chu Hahn'; Fairview Nursery, NC; 1 g; 5/29/97  
 970223 - *Hosta* X 'Royal Standard'; Pine Knot Farms, VA; 4/11/97  
 971038 - *Hydrangea luteovenosa* 'Aureovariegata'; Nurseries Caroliniana, SC; 2" pot; 11/21/97  
 971035 - *Hydrangea macrophylla* 'Beaute Vendomoise'; rec'd as var. *normalis*; Nurseries Caroliniana, SC; 3 gal; 11/21/97  
 970664 - *Hydrangea macrophylla* 'Dooley'; M. Dirr, UGA; 5 gal; 7/1/97  
 970005 - *Hydrangea macrophylla* 'Lanarth White'; Head Lee Nursery, SC; 3 gal; 1/13/97  
 970211 - *Hydrangea paniculata* 'Praecox'; Head Lee N, SC; 3/28/97  
 970722 - *Hydrangea paniculata* 'Tardiva'; Shadow N, TN; 3g 8/26/97  
 970723 - *Hydrangea paniculata* 'Unique'; Shadow N, TN; 2 g 8/26/97  
 970688 - *Hydrangea quercifolia* 'Allison'; M. Dirr, UGA; 4" pot; 7/1/97  
 970706 - *Hydrangea serrata* 'Woodlanders'; R. Kautzky, NC; g 8/97  
 970317 - *Hydrangea strigosa*; Qingpu Paradise Hort. Co. Ltd, China; seed; 5/3/97  
 970707 - *Hydrangea* 'Winterthur Hybrid'; R. Kautzky, NC; g 8/97  
 970055 - *Hymenocallis* X *festalis*; rec'd as *Ismene festalis*; Langeveld Bulb Company, NC; bareroot; 2/28/97  
 970042 - *Hypericum* aff. *punctatum*; Mt. Holyoke; seed; 2/26/97  
 970406 - *Hypericum androsaemum* 'Albury Purple'; The Potting Shed, NC; 6 qt; 5/7/97  
 970027 - *Hypericum frondosum*; Am. Hort. Soc.; seed; 2/4/97  
 970569 - *Hypericum lancasteri*; Heronswood Nurs, WA; 1 qt; 7/9/97  
 970822 - *Hypericum perforatum*; Instituto de Botanica, Portugal; seed; 10/23/97  
 970387 - *Hypericum* X 'Hidcote Variegated'; The Potting Shed, NC; 1 gal; 5/7/97  
 970920 - *Ilex aquifolium* 'Angustifolia'; Yadkin Valley Nursery, NC; 1 gal; 11/6/97  
 970031 - *Ilex aquifolium* 'Argentea Marginata Pendula'; Pat McCracken, NC; 3 gal; 2/21/97  
 971097 - *Ilex cassine* 'Yellow Fruited' Woodlanders N, SC; 1 g 12/19/97  
 970558 - *Ilex ciliospinosa*; Heronswood Nurs, WA; 1 qt; 7/9/97  
 970635 - *Ilex cornuta* 'Berries Jubilee'; Monrovia N, CA; 1 gal; 7/1/97  
 970240 - *Ilex crenata* 'Dwarf Pagoda'; Valerie Tyson, NC; 1 qt 4/15/97  
 970961 - *Ilex crenata* 'Pagoda'; on accessions sheet as *Ilex 'Pogoda'*; Yadkin Valley Nursery, NC; 1 gal; 11/6/97  
 970948 - *Ilex crenata* 'Piccolo'; Yadkin Valley Nursery, NC; 1g 11/6/97  
 971076 - *Ilex kingiana*; Glasnevin National BG, Dublin, Ire; seed; 12/12/97  
 970318 - *Ilex kwangtungensis*; Qingpu Paradise Hort. Co. Ltd, China; seed; 5/3/97  
 971098 - *Ilex myrtifolia*; Woodlanders Nursery, SC; 1 gal; 12/19/97  
 971099 - *Ilex myrtifolia*; Woodlanders Nursery, SC; 1 gal; 12/19/97  
 970323 - *Ilex suaveolens*; Qingpu Paradise Hort. Co. Ltd, China; seed; 5/3/97  
 970313 - *Ilex theicarpa*; Qingpu Paradise Hort. Co. Ltd, China; seed; 5/3/97  
 971015 - *Ilex verticillata* 'Winter Red'; Yadkin Valley N, NC; 1g 11/6/97  
 970628 - *Ilex vomitoria* 'Hoskin's Shadow'; Windmill Nur; 3g; 7/1/97  
 971025 - *Ilex vomitoria* 'Nana'; Adcocks Nursery; 3 gal; 11/14/97  
 970636 - *Ilex* X 'Bordeaux' TM; Flowerwood Nurs, AL; 1 gal; 7/1/97  
 970958 - *Ilex* X *meserveae* 'Blue Girl'; I. aquifolium X I. rugosa; Yadkin Valley Nursery, NC; 1 gal; 11/5/97  
 970333 - *Ilex* X 'Nellie R. Stevens'; Taylor's Nur, NC; B&B; 3/30/97  
 970559 - *Ilex* X *wandoensis*; Heronswood Nurs, WA; 1 qt; 7/9/97  
 970006 - *Illicium floridanum* 'Head's Compact'; Head Lee Nursery, SC; 2 gal; 1/13/97  
 970677 - *Illicium floridanum* 'Pebblebrook'; M Dirr, UGA; 4" pot; 7/1/97  
 970676 - *Illicium henryi*; Dr. M. Dirr, U. of GA; 4" pot; 7/1/97



# 1997 Accessions

- 970328 - *Illicium lanceolata*; Qingpu Paradise Hort. Co. Ltd, China; seed; 5/3/97
- 970694 - *Illicium lanceolata*; Dr. M. Dirr, U. of GA; 4" pot; 7/1/97
- 970796 - *Illicium parviflorum*; Skinner Nurseries, NC; 3 gal; 8/27/97
- 970678 - *Illicium parviflorum* 'Black Forest'; M. Dirr, UGA; 4" pot; 7/1/97
- 970754 - *Impatiens zombensis*; rec'd with author as Baker; Strybing Arboretum, CA; seed; 9/15/97
- 970530 - *Imperata cylindrica* 'Red Baron'; 6/4/97
- 970415 - *Imperata cylindrica* 'Rubra'; Hoffman Nur, NC; 6 qt; 5/7/97
- 970681 - *Indigofera decora*; Dr. M. Dirr, U. of GA; 4" pot; 7/1/97
- 970869 - *Indigofera foliosa*; Tony Avent, NC; 3-440-300WC; 1g 10/28/97
- 970898 - *Iris aphylla*; Catherine Gaertner, NC; 1 gal; 10/30/97
- 970897 - *Iris bulleyana*; Catherine Gaertner, NC; 1 qt; 10/30/97
- 970127 - *Iris forrestii*; Ian Simpkins, NC; seed; 3/17/97
- 971023 - *Iris fulva*; Gaertner Gardens, NC; 1 gal; 11/10/97
- 970894 - *Iris illyrica*; Catherine Gaertner, NC; 1 gal; 10/30/97
- 970896 - *Iris kamaonensis*; Catherine Gaertner, NC; 1 gal; 10/30/97
- 971082 - *Iris laevigata* 'Alba'; Catherine Gaertner, NC; 4" pot; 12/01/97
- 970895 - *Iris monnieri*; Catherine Gaertner, NC; 1 gal; 10/30/97
- 971024 - *Iris prismatica*; Gaertner Gardens, NC; 1 qt; 11/10/97
- 970224 - *Iris siberica* 'Snow Queen'; Pine Knot Farms, VA; 4/11/97
- 970899 - *Iris typhifolia*; Catherine Gaertner, NC; 1 qt; 10/30/97
- 971022 - *Iris versicolor*; Gaertner Gardens, NC; 1 gal; 11/10/97
- 970271 - *Itea virginica* 'Henry's Garnet'; Apex Nur, NC; 3 gal; 4/30/97
- 970342 - *Itea virginica* 'Henry's Garnet'; Taylor's N, NC; 3 g 3/30/97
- 970980 - *Juniperus chinensis* 'Blue Point'; Yadkin Valley N, NC; 1g 11/6/97
- 970965 - *Juniperus chinensis* var. *sargentii*; Yadkin Valley Nursery, NC; 1 gal; 11/6/97
- 970912 - *Juniperus communis* 'Berkshire'; Yadkin Valley Nursery, NC; 2 gal; 11/6/97
- 970913 - *Juniperus communis* 'Depressa Aurea'; Yadkin Valley Nursery, NC; 3 gal; 11/6/97
- 970966 - *Juniperus communis* 'Effusa'; Yadkin Valley Nursery, NC; 1 gal; 11/6/97
- 970911 - *Juniperus communis* 'Pencil Point'; Yadkin Valley Nursery, NC; 2 gal; 11/6/97
- 970984 - *Juniperus davurica* 'Expansa Variegata'; Yadkin Valley Nursery, NC; 1 gal; 11/6/97
- 970954 - *Juniperus deppeana* 'McFetter's'; Yadkin Valley Nursery, NC; 1 gal; 11/6/97
- 970983 - *Juniperus horizontalis* 'Prince of Wales'; Yadkin Valley Nursery, NC; 1 gal; 11/6/97
- 970819 - *Juniperus oxycedrus*; Instituto de Botanica, Portugal; seed; 10/23/97
- 970910 - *Juniperus rigida*; Yadkin Valley Nursery, NC; 1 gal; 11/6/97
- 970964 - *Juniperus rigida* 'Hikari'; Yadkin Valley Nur, NC; 1g 11/6/97
- 970914 - *Juniperus sabina* 'Broadmoor'; Yadkin Valley N, NC; 1g 11/6/97
- 970967 - *Juniperus scopulorum* 'Witchita Blue'; Yadkin Valley Nursery, NC; 1 gal; 11/6/97
- 970992 - *Juniperus squamata* 'Blue Alps'; Yadkin Valley Nursery, NC; 1 gal; 11/5/97
- 970995 - *Juniperus squamata* 'Blue Star'; Yadkin Valley Nursery, NC; 2 gal; 11/6/97
- 970993 - *Juniperus squamata* 'Holger'; Yadkin Valley Nursery, NC; 3 gal; 11/5/97
- 970040 - *Juniperus squamata* 'Meyeri'; rec'd as *J. squamata* 'Myer's Blue'; from NCAN show 1/97;
- 970979 - *Juniperus virginiana* 'Grey Owl'; Yadkin Valley Nursery, NC; 1 gal; 11/6/97
- 970975 - *Juniperus virginiana* 'Sparkling Sky Rocket'; Yadkin Valley Nursery, NC; 1 gal; 11/6/97
- 970783 - *Kalimeris pinnatifida*; Niche Gardens, NC; 1 gal; 9/22/97
- 970028 - *Knautia macedonica*; Am. Hort. Soc.; seed; 2/4/97
- 970550 - *Kosteletzkya virginica* 'Immaculate'; Plant Delights, NC; 970520 - *Lablab purpurea* 'Alba'; Barefoot Paths, NC; 6/4/97
- 970382 - *Lablab purpureus*; Jane McNeary, NC; 4" pot; 5/7/97
- 970243 - *Lablab purpureus* 'Alba'; rec'd as *Dolichos lablab* 'Alba'; Karen Nowell, NC; 4/20/97
- 970336 - *Lablab purpureus* 'Alba'; rec'd as *Dolichos lablab* 'Alba'; Barefoot Paths, NC; 1 gal; 3/30/97
- 970868 - *Lagerstroemia* 'Chickasaw'; Tony Avent, NC; NA 62919; 1 gal; 10/28/97
- 970711 - *Lagerstroemia fauriei* 'Woodlander's'; David Creech, TX; 1 gal; 8/19/97
- 970719 - *Lagerstroemia indica* 'Prairie Lace'; Shadow N, TN; 3g 8/26/97
- 970475 - *Lagerstroemia indica* 'Victor'; Taylor's Nur, NC; 3g 5/21/97
- 970682 - *Lagerstroemia* X; Dr. M. Dirr, UGA; NA62912; 4" pot; 7/1/97
- 970683 - *Lagerstroemia* X; M. Dirr, U. of GA; NA 62913; 4" pot; 7/1/97
- 970684 - *Lagerstroemia* X; Dr. M. Dirr, UGA; NA 62914; 4" pot; 7/1/97
- 970643 - *Lagerstroemia* X 'Sarah's Favorite'; Tom Dodd Nurseries, AL; 1 gal; 7/1/97
- 970157 - *Lamium maculatum* 'White Nancy'; Hills of the Haw, NC; 3/27/97
- 970225 - *Lamium maculatum* 'White Nancy'; Pine Knot Farms VA; 4/11/97
- 970279 - *Lamium maculatum* 'White Nancy'; Hills of the Haw, NC; 1 qt; 4/30/97
- 970232 - *Lantana camara* 'Miss Huff'; PAX Sale, 1997; 1 gal; 4/14/97
- 970402 - *Lantana* X 'Miss Huff's Hardy'; Is this *L. camara* 'Miss Huff' like we got from PAX leftovers?; The Potting Shed, NC; 1 gal; 5/7/97
- 970535 - *Lantana* X 'Miss Huff's Hardy'; Is this *L. camara* 'Miss Huff' like we got from PAX leftovers?; Plant Delights, NC;
- 970517 - *Laurentia* X 'Star Gazer'; Barefoot Paths, NC; 6/4/97
- 970824 - *Lavandula luisieri*; Instituto de Botanica, Portugal; seed; 10/23/97
- 970376 - *Lavandula stoechas* ssp. *pedunculata*; 5/7/97
- 970840 - *Lavatera olbia* 'Aurea'; Gossler Farms N, OR; 1 g 10/23/97
- 970839 - *Lavatera thuringiaca*; Gossler Farms N, OR; 1 gal; 10/23/97
- 970838 - *Lavatera* X 'Burgundy Wine'; Edith R. Eddleman, NC; 1g 10/23/97
- 971129 - *Leea coccinea* 'Rubra'; Edith Eddleman, NC; 11/13/97
- 970199 - *Lepisorus bicolor*; Plant Delights, NC; 1 qt; 4/10/97
- 970866 - *Lespedeza buergeri*; Tony Avent, NC; M1Q; seedlings; 10/28/97
- 970256 - *Leucanthemum* X *superbum* 'Becky'; rec'd as *Chrysanthemum* 'B.W.'; Name was *Dendranthema* 'B.W.'; -11/20/97; Niche Gardens, NC; 1 qt; 4/30/97
- 970338 - *Leucanthemum* X 'White Knight'; Amelia Lane, NC; 1qt 4/20/97
- 970200 - *Ligularia* sp.; Plant Delights, NC; A1C 290; 1 qt; 4/10/97
- 970720 - *Ligustrum sinense* 'Green Cascade'; Shadow Nursery, TN; 2 gal; 8/26/97
- 970053 - *Lilium carnolicum* 'Casa Blanca'; Recieved as "Lily casabalnca"; Langeveld Bulb Company, Asheville, NC; 2/28/97
- 970830 - *Lilium martagon*; Instituto de Botanica, Port; seed; 10/23/97
- 970447 - *Lilium martagon* var. *album*; Hills of the Haw, NC; 5/20/97
- 970533 - *Limonium suworowii*; rec'd as *Statice suworowii*; Barefoot Paths, NC; 6/4/97
- 970884 - *Lindera obtusiloba*; Tony Avent, NC; A1K-002; seed; 10/28/97
- 970314 - *Lithocarpus brevicaudatus*; Qingpu Paradise Hort. Co. Ltd, China; seed; 5/3/97
- 970290 - *Lithocarpus paniculatus*; Qingpu Paradise Hort. Co. Ltd, China; seed; 5/3/97
- 971095 - *Litsea aestivalis*; Woodlanders Nursery, SC; 1 gal; 12/19/97
- 970547 - *Lobelia cardinalis* 'Tania'; Plant Delights, NC;
- 970029 - *Lobelia sessilifolia*; Am. Hort. Soc.; seed; 2/4/97
- 970542 - *Lobelia siphilitica*; NC Botanical Garden, Chapel Hill;
- 970548 - *Lobelia* X 'Gladys Lindley'; Plant Delights, NC;
- 970462 - *Lobelia* X 'Rose Beacon'; Plant Delights, NC; 5/20/97
- 970923 - *Lonicera nitida* 'Baggesen's Gold'; rec'd as *L. pileata* 'Baggeston's Gold'; Yadkin Valley Nursery, NC; 2 gal; 11/6/97
- 970815 - *Lonicera periclymenum* ssp. *periclymenum*; Instituto de Botanica, Portugal; seed; 10/23/97
- 970588 - *Lonicera quinquelocularis*; Wash Park Arb, WA; seed; 6/1/97

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- 970007 - *Lonicera X purpusii*; Nurseries Caroliniana, SC; 3 g/1/13/97  
970114 - *Lophospermum erubescens*; rec'd as *Maurandia erubescens*; Ian Simpkins, NC; seed; 3/17/97  
970695 - *Loropetalum chinense*; Dr. M. Dirr, U. of GA; 4" pot; 7/1/97  
970955 - *Loropetalum chinense* 'Burgundy'; Yadkin Valley Nursery, NC; 1 gal; 11/6/97  
970686 - *Loropetalum chinense* 'Dodd Form'; Dr. M. Dirr, U. of GA; 4" pot; 7/1/97  
970620 - *Loropetalum chinense* 'Pizazz'; Monrovia Nursery, CA; 1 gal; 7/1/97  
970009 - *Loropetalum chinense* 'Plum Delight' TM; cv 'Hines Purpleleaf'; Nurseries Caroliniana, SC; 3 gal; 1/13/97  
970702 - *Loropetalum chinense* 'Sizzling Pink'; Dr. M. Dirr, U. of GA; 4" pot; 7/1/97  
970701 - *Loropetalum chinense* 'Variegata'; Dr. M. Dirr, U. of GA; 4" pot; 7/1/97  
970619 - *Loropetalum chinense* 'Zhuzhou Fuschia'; Head Lee Nursery, SC; 2 gal; 7/1/97  
970823 - *Luzula forsteri*; Instituto de Botanica, Port; seed; 10/23/97  
970626 - *Magnolia grandiflora* 'CoCo'; Head Lee N, SC; 2 gal; 7/1/97  
970625 - *Magnolia grandiflora* 'D. D. Blanchard'; Head Lee Nursery, SC; 2 gal; 7/1/97  
970273 - *Magnolia grandiflora* 'Little Gem'; Apex N, NC; 5 gal; 4/30/97  
970624 - *Magnolia grandiflora* 'Little Gem'; Head Lee N, SC; 2g/7/1/97  
970883 - *Magnolia sieboldii*; Tony Avent, NC; A1K-022; seed; 10/28/97  
970097 - *Magnolia stellata* 'Scented Silver'; Fairweather Gardens, NJ; 1 gal; 3/12/97  
970582 - *Mahonia aquifolium*; Wash Park Arb, WA; seed; 6/1/97  
970583 - *Mahonia nervosa*; Wash Park Arboretum, WA; seed; 6/1/97  
970613 - *Mahonia trifoliata*; Tony Avent, NC; cell; 7/1/97  
970059 - *Malus X 'Lollipop'*; Schmidts Nursery; 3/3/97  
970908 - *Malva sylvestris*; Pine Knot Farms, VA; 1 gal; 9/1/97  
970571 - *Manglietia chingii*; Hawksridge Nurs, NC; 3 gal; 7/17/97  
970312 - *Manglietia insignis*; Qingpu Paradise Hort. Co. Ltd, China; seed; 5/3/97  
970576 - *Manglietia insignis*; Hawksridge Nurs, NC; 3 gal; 7/17/97  
970086 - *Matteuccia struthiopteris*; Hawksridge N, NC; 2 gal; 3/5/97  
971112 - *Melianthus major*; 11/13/97  
970886 - *Meliosma pinnata*; rec'd as *M. oldhamii*; Tony Avent, NC; A1K-223; seed; 10/28/97  
970573 - *Michelia chapensis*; Hawksridge Nurs, NC; 3 gal; 7/17/97  
970570 - *Michelia martinii*; Hawksridge Nurs, NC; 3 gal; 7/17/97  
970577 - *Michelia maudiae*; Hawksridge Nurs, NC; 3 gal; 7/17/97  
970574 - *Michelia platypetala*; Hawksridge Nurs, NC; 3 gal; 7/17/97  
970572 - *Michelia sinensis*; rec'd as *M. wilsonii*; Hawksridge Nurs, NC; 3 gal; 7/17/97  
970956 - *Microbiota decussata*; Yadkin Valley Nur, NC; 1 gal; 11/6/97  
970555 - *Mirabilis* sp.; seedling from bed MBB;  
970164 - *Miscanthus floridulus*; Hoffman Nursery, NC; 3 gal; 4/10/97  
970334 - *Miscanthus giganteus*; Hoffman Nursery, NC; 5 gal; 3/30/97  
970715 - *Miscanthus sinensis* 'Morning Light'; Shadow N, TN; B&B; 8/26/97  
970089 - *Miscanthus sinensis* 'Variegatus'; Hawksridge N, NC; 3/5/97  
970150 - *Miscanthus sinensis* 'Variegatus'; Pender Nur, NC; 3/25/97  
970540 - *Monarda X 'Jacob Cline'*; Pine Knott Farms, VA;  
970974 - *Monarda X 'Petite Delight'*; Bluemount Nur; 1 pt; 12/10/97  
970277 - *Monarda X 'Snow White'*; 'Schneewittchen'; Hills of the Haw, NC; 1 qt; 4/30/97  
970374 - *Muhlenbergia capillaris*; Hoffman Nur, NC; 4" pot; 5/7/97  
970334 - *Muhlenbergia lindheimeri*; Hoffman Nur, NC; 5 gal; 3/30/97  
970782 - *Muhlenbergia macroura*; rec'd with name as (*H.B.K.*) *A. Hitchc.*; Strybing Arboretum, CA; seed; 9/15/97  
971110 - *Musa velutina*; Randy Salter, NC; 11/13/97  
970593 - *Mutisia spinosa*; Washington Park Arb, WA; seed; 6/1/97  
970623 - *Myrica heterophylla* 'Marcel's Wonder'; Rushing N; 1g 7/1/97  
971094 - *Myricanthes fragrans* 'Simpson's Stopper'; Woodlanders Nursery, SC; 1 gal; 12/19/97  
970936 - *Nandina domestica* 'San Gabriel'; Yadkin Valley Nursery, NC; 3 gal; 11/6/97  
970831 - *Nartheceum ossifragum*; Instituto de Botanica, Portugal; seed; 10/23/97  
970494 - *Nemesia caerulea* 'Pallida'; rec'd as *N. foetens*; Barefoot Paths, NC; 5/23/97  
970843 - *Nepeta grandiflora* 'Dawn to Dusk'; Doug Ruhren, NC; 1 qt; 10/23/97  
970610 - *Nolina durangensis*; Tony Avent, NC; 1 qt; 7/1/97  
970609 - *Nolina lindheimerana*; Tony Avent, NC; 1 qt; 7/1/97  
970607 - *Nolina microcarpa*; Tony Avent, NC; 1 qt; 7/1/97  
970084 - *Nolina parryi* var. *wolfii*; Royal Horticultural Soc; seed; 3/5/97  
970608 - *Nolina texana*; Tony Avent, NC; 1 qt; 7/1/97  
970781 - *Oenothera deltooides* ssp. *howellii*; rec'd with name as *Torrey & Fremont* ssp. *howellii* (Munz) Klein; Strybing Arb, CA; seed; 9/15/97  
970544 - *Oenothera drummondii*; Edith Eddleman, NC;  
970121 - *Oenothera* sp. 'Colin Porter'; Ian Simpkins, NC; seed; 3/17/97  
971047 - *Omphalodes cappadocica* 'Starry Eyes'; Blue Mount Nurseries, MD; 1 qt; 12/10/97  
970175 - *Ophiopogon japonicus* 'Super Dwarf'; Plant Delights, NC; 3" pot; 4/10/97  
970043 - *Opuntia* sp.; Mt. Holyoke; seed; 2/26/97  
970810 - *Opuntia X 'True Burbank Thornless'*; Randy Weaver; flat; 10/20/97  
970832 - *Ornithogalum narbonense*; Instituto de Botanica, Portugal; seed; 10/23/97  
970833 - *Ornithogalum pyrenaicum*; Instituto de Botanica, Portugal; seed; 10/23/97  
970050 - *Ornithogalum saundersiae* 'White Star'; Recieved as *Ornithogalum 'White Star'*; Langeveld Bulb Company;  
970377 - *Orostachys iwarensis*; Hills of the Haw, NC; 1 qt; 5/7/97  
970346 - *Orostachys iwarensis*; Rosemary Kautzky, NC; 3" pot; 5/1/97  
970785 - *Osmanthus fragrans*; Camellia Forrest, NC; 9/30/97  
970618 - *Osmanthus fragrans* 'Aurantiacus'; Duke Gardens, NC; 3 gal; 7/1/97  
971100 - *Osmanthus megacarpa*; Woodlanders Nursery, SC; 1 gal; 12/19/97  
970784 - *Osmanthus X fortunei* 'UNC'; Camellia Forrest, NC; 9/30/97  
970221 - *Osmunda cinnamomea*; Pine Knot Farms, VA; 4/11/97  
971131 - *Oxalis magellanica*; Edith Eddleman, NC; 4" pot; 11/13/97  
970226 - *Paeonia hybrid*; Pine Knot Farms, VA; 4/11/97  
970088 - *Panicum virgatum*; Hawksridge Nursery, NC; 3 gal; 3/5/97  
970420 - *Panicum virgatum* 'Heavy Metal'; Val Tyson, NC; 3g 5/22/97  
970575 - *Parakmeria lotungensis*; Hawksridge Nurs, NC; 3 g; 7/17/97  
970030 - *Pardancanda norrisii*; Am. Hort. Soc.; seed; 2/4/97  
970039 - *Parrotia persica*; Shadow Nursery, TN;  
970254 - *Patrinia villosa*; Niche Gardens, NC; 1 qt; 4/30/97  
970778 - *Pavonia columella*; rec'd with name as *Cav.*; Strybing Arboretum, CA; seed; 9/15/97  
970380 - *Pavonia lasiopetala*; The Potting Shed, NC; 3 qt; 5/7/97  
970444 - *Paxistima canbyi*; Fairview Nursery, NC; 1 qt; 5/29/97  
970553 - *Pennisetum orientale* 'Pakistan'; Hoffman Nursery, NC;  
970531 - *Pennisetum setaceum* 'Rubrum'; 6/4/97  
970145 - *Penstemon digitalis* 'Husker's Red'; Johnson Nursery, NC; 1 qt; 3/12/97  
970584 - *Penstemon fruticosus*; Washington Park Arboretum, WA; seed; 6/1/97  
970795 - *Penstemon newberryi*; rec'd with author as *A. Gray*; Davis Arboretum, CA; seed; 10/1/97  
970477 - *Penstemon X 'Schoenholzeri'*; rec'd as *P. X 'Firebird'*; Messenbrinks Nursery, NC; 5/21/97  
970452 - *Penstemon X 'Sour Grapes'*; Pine Knott Farms, VA; 5/20/97  
970407 - *Persicaria amplexicaulis* 'Firetail'; rec'd as *Polygonum amplexicaule* 'F'; Hills of the Haw, NC; 1 gal; 5/7/97  
970481 - *Persicaria amplexicaulis* 'Firetail'; rec'd as *Polygonum amplexicaule* 'F'; Hills of the Haw, NC; 1 gal; 5/28/97

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- 970534 - *Persicaria amplexicaulis* 'Taurus'; rec'd as *Polygonum amplexicaule* 'T'; Edith Eddleman, NC;  
970957 - *Persicaria polymorpha*; Bluemount Nursery; 1 gal; 12/10/97  
970457 - *Petunia integrifolia alba*; Hills of the Haw, NC; 5/20/97  
970255 - *Phalaris arundinacea* var. *picta* 'Feeseey'; Niche Gardens, NC; 1 qt; 4/30/97  
970792 - *Philadelphus lewisii*; rec'd with author as Pursh.; Davis Arboretum, CA; seed; 10/1/97  
970762 - *Phlomis fruticosa*; rec'd with author as L.; Strybing Arboretum, CA; seed; 9/15/97  
970595 - *Phlomis italica*; Washington Park Arb, WA; seed; 6/1/97  
970536 - *Phlomis russeliana*; The Potting Shed, NC;  
970379 - *Phlox carolina* 'Magnificence'; Pine Knott Farms, VA; 3 qt; 5/7/97  
971051 - *Phlox maculata* 'Natascha'; Blue Mount N,MD; 1 pt; 12/10/97  
970258 - *Phlox paniculata* 'David'; Niche Gardens, NC; 1 qt; 4/30/97  
970378 - *Phlox paniculata* 'Delta Snow'; Duke Gardens,NC;3g 5/7/97  
970158 - *Phlox paniculata* 'Mt. Fuji'; Hills of the Haw, NC; 3/27/97  
970263 - *Phlox subulata* 'White Delight'; Hills of the Haw,NC 1g 4/30/97  
970708 - *Phlox* X 'Montrose Variegated'; Rosemary Kautzky, NC; 4" pot; 6/97  
971144 - *Phormium*; 11/13/97  
971042 - *Phormium* 'Apricot Queen'; *Phormium* x 'Apricot Queen'; 1 gal; 12/04/97  
971137 - *Phormium* 'Chocolate'; Gossler Farms, OR; 11/13/97  
971040 - *Phormium cookianum* subsp. *hookeri* 'Tricolor'; rec'd as P. x 'Tricolor'; 1 gal; 12/04/97  
971141 - *Phormium* 'Dark Delight'; Wells Medina OR; 11/13/97  
971136 - *Phormium* 'Dusky Chief'; Gossler Farms, OR; 11/13/97  
971134 - *Phormium* 'Flamingo'; Gossler Farms, OR; 11/13/97  
971145 - *Phormium* 'Flamingo'; Sean Hogan, OR; 11/13/97  
971138 - *Phormium* 'Green and Cream';Gossler Farms, OR; 11/13/97  
971133 - *Phormium* 'Maori Maiden'; Gossler Farms, OR; 11/13/97  
971143 - *Phormium* 'Morticia'; Gossler Farms, OR; 11/13/97  
971139 - *Phormium* 'Pink Stripe'; 11/13/97  
971140 - *Phormium* 'Rainbow Warrior'; 11/13/97  
971041 - *Phormium* 'Rubrum'; 1 gal; 12/04/97  
971135 - *Phormium tenax* 'Yellow Wave';Wells Medina, OR; 11/13/97  
971146 - *Phormium* 'Thumbelina'; Sean Hogan, OR; 11/13/97  
971142 - *Phormium* 'Tony Tiger'; Gossler Farms, OR; 11/13/97  
970476 - *Photinia glabra* 'Pink Parfait'; Taylor's Nursery, NC; 5/21/97  
970699 - *Photinia* X *fraseri* 'Kentucky';M. Dirr, UGA; 4" pot; 7/1/97  
970283 - *Physostegia virginiana* 'Summer Snow'; Hills of the Haw, NC; 1 gal; 4/30/97  
971008 - *Picea abies* 'Remontii'; Yadkin Valley Nur, NC; 1g11/6/97  
971009-*Picea abies* 'Wingle's Pendula';Yadkin Valley N,NC;5g 11/6/97  
970991 - *Picea glauca* 'Conica'; Yadkin Valley Nur, NC; 2 gal; 11/5/97  
971007 - *Picea pungens* 'Glauca Globosa'; Yadkin Valley Nursery, NC; 1 gal; 11/6/97  
970811 - *Picea purpurea*; US Nat'l Arboretum; 10/10/97  
970209 - *Pieris japonica* 'Compacta'; Taylor's Nursery, NC; 3/28/97  
970942 - *Pieris japonica* 'Pygmea'; Yadkin Valley N, NC; 1 g 11/6/97  
970239 - *Pieris japonica* 'Variegata'; Pender Nursery, NC; 3 g;3/25/97  
970598 - *Pinus armandii*; Washington Park Arb,WA; seed;6/1/97  
970018 - *Pinus cembra*; Bald Hill Nursery, RI; 3 gal; 1/14/97  
971005 - *Pinus densiflora* 'Oculus-Draconis'; Yadkin Valley Nursery, NC; 5 gal; 11/6/97  
971001 - *Pinus densiflora* 'Pendula'; Yadkin Valley Nursery, NC; 1/2 b; 11/6/97  
971006 - *Pinus densiflora* 'Tanyosho Special'; Yadkin Valley Nursery, NC; 5 gal; 11/6/97  
971003 - *Pinus flexilis* 'Vanderwolf'sPyramid'; rec'd as P. *flexisifolia* 'Vanderwolf Pyramid'; Yadkin Valley Nursery, NC; 5 gal; 11/6/97  
970988 - *Pinus mugo* var. *pumilio*; rec'd as *Pinus mugo* 'Pumilio'; Yadkin Valley Nursery, NC; 3 gal; 11/5/97  
970998 - *Pinus parviflora* 'Adcocks's Dwarf'; Yadkin Valley Nursery, NC; 3 gal; 11/6/97  
970834 - *Pinus pinea*; Instituto de Botanica, Portugal; seed; 10/23/97  
971002 - *Pinus strobus* 'Horsford'; rec'd as P.s. 'H Dwarf'; Yadkin Valley Nursery, NC; 2 gal; 11/6/97  
971004 - *Pinus strobus* 'Ottowa'; Yadkin Valley Nur, NC; 5 g; 11/6/97  
971000 - *Pinus thunbergii* 'Thunderhead'; wwc93 says this is an illegitimate name; Yadkin Valley Nursery, NC; 3 gal; 11/6/97  
970812 - *Pistacia terebinthus*; Instituto de Botanica, Portugal; seed; 10/23/97  
971039 - *Pittisporum eugenioides*; Ted Stevens; Nurseries Caroliniana.; 2 gal; 11/21/97  
970163 - *Pittisporum heterophyllum*; Valerie Tyson, NC; cutt; 4/10/97  
970116 - *Plantago asiatica* 'Variegata';Ian Simpkins,NC;seed;3/17/97  
970352 - *Plantago major* X'*Rubrifolia*'Richard Olsen,NC;seed;5/19/97  
970519 - *Plectranthus amboinicus* 'Jenk's Upright'; Jenks Farmer, SC; 2 qt; 6/4/97  
970763 - *Plectranthus ciliatus*; rec'd with author as E.H. Mey; Strybing Arboretum, CA; seed; 9/15/97  
970764 - *Plectranthus fruti cosus* 'Winslow'; rec'd with author as L'Her; Strybing Arboretum, CA; seed; 9/15/97  
970765 - *Plectranthus hadiensis*; rec'd with author as C. Christen; Strybing Arboretum, CA; seed; 9/15/97  
971117 - *Plumbago auriculata* 'Royal Blue'; rec'd as P. *capensis*, changed per pf97; 1 gal; 11/13/97  
970191 - *Podophyllum hexandrum*; Plant Delights, NC; 1 qt; 4/10/97  
970192 - *Polygonatum humile*; Plant Delights, NC; 1 qt; 4/10/97  
970825 - *Prunella grandiflora* ssp. *pyrenaica*; Instituto de Botanica, Portugal; seed; 10/23/97  
970990 - *Prunus laurocerasus* "Zabeliana"; Yadkin Valley Nursery, NC; 3 gal; 11/5/97  
970021 - *Prunus mume* 'Rosebud'; Anne Clapp, NC; 1 gal; 2/7/97  
970063 - *Prunus nigra* 'Princess Kay'; Schmidt & Sons Co, OR; bareroot; 3/4/97  
970698 - *Prunus subhirtella* 'Autumnalis Rosea' X *Prunus campanulata*; Dr. M. Dirr, U. of GA; 4" pot; 7/1/97  
970056 - *Prunus* X 'Dream Catcher'; Schmidt & Sons Co, OR; bareroot; 3/3/97  
970592 - *Pterocarya stenoptera*; Wash Park Arb, WA; seed; 6/1/97  
970435 - *Pulmonaria officinalis* 'Sissinghurst White'; Fairview Nursery, NC; 1 gal; 5/29/97  
971050 - *Pulmonaria officinalis* 'White Wings'; Blue Mount Nurseries, MD; 1 pt; 12/10/97  
970159 - *Pulmonaria saccharata* 'Mrs. Moon';Hills of the Haw, NC; 3/27/97  
970227 - *Pulmonaria saccharata* 'Mrs. Moon'; Pine Knot Farms, VA; 4/11/97  
970339 - *Pulmonaria vallisarvae* 'Margery Fish'; Pine Knot Farms, VA; 3/30/97  
970177-*Pulmonaria*X'*BerriesandCream*'Plant Delights,NC1qt 4/10/97  
970176 - *Pulmonaria* X 'David Ward'; Plant Delights,NC; 1 qt; 4/10/97  
970432 - *Pulmonaria* X 'Dora Bieleveld'; Fairview Nursery, NC; 1 gal; 5/29/97  
970428 - *Pulmonaria* X 'E.B. Anderson'; Fairview Nursery, NC; 1 gal; 5/29/97  
970430 - *Pulmonaria* X 'Highdown'; Fairview N, NC; 1 gal; 5/29/97  
970434 - *Pulmonaria* X 'Margery Fish'; Fairview N, NC; 1 gal; 5/29/97  
970431 - *Pulmonaria* X 'Pink Dawn'; Fairview N, NC; 1 gal; 5/29/97  
970433 - *Pulmonaria* X 'Red Start'; Fairview N, NC; 1 gal; 5/29/97  
970429 - *Pulmonaria* X 'Roy Davidson'; Fairview N, NC; 1 g 5/29/97  
970246 - *Puya venusta*; Ian Simpkins, NC; 4/29/97  
970208 - *Pyrrhosia lingua* 'Mitsude'; Plant Delights, NC; 1 qt; 4/10/97  
970331 - *Quercus aliena*; Qingpu Paradise Hort.Co.Ltd,China; 5/3/97  
970567 - *Quercus aliena*; Heronswood Nurs, WA; 1 gal; 7/9/97  
970351 - *Quercus cerris*; Ian Simpkins, NC; 5/16/97  
970329 -*Quercus fabri*;QingpuParadiseHortCo.LtdChina;seed; 5/3/97  
971030 - *Quercus germanae*; Yucca Do Nursery, TX; T73M-48S-102797; seed; 11/20/97

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- 970330 - *Quercus glandulifera*; Qingpu Paradise Hort. Co. Ltd, China; seed; 5/3/97
- 970853 - *Quercus glauca*; Tony Avent, NC; AIC-024; seedlings; 10/28/97
- 971074 - *Quercus libani*; rec'd with Oliv. as author; Martin Luther BG, Ger; seed; 12/12/97
- 970893 - *Quercus muehlenbergii*; Yucca Do Nursery, TX; T72-93; seed; 10/28/97
- 970019 - *Quercus muhlenbergii* X *virginiana*; Pat McCracken, NC; 3 gal; 1/20/97
- 970891 - *Quercus sartorii*; Yucca Do N, TX; T72-55; seed; 10/28/97
- 970889 - *Quercus* sp.; rec'd as *Q. sartorii* to canbyi intergrade; Yucca Do Nursery, TX; T72-47; seed; 10/28/97
- 970890 - *Quercus* sp.; rec'd as *Q. sartorii* to canbyi intergrade; Yucca Do Nursery, TX; T72-48; seed; 10/28/97
- 971027 - *Quercus* sp.; Yucca Do N,TX;T73M-61S-1-2797; seed; 11/20/97
- 971028 - *Quercus* sp.; Yucca Do Nursery, TX; T73M-121S-103097; seed; 11/20/97
- 971029 - *Quercus* sp.; Yucca Do Nursery, TX; T73M-71S-102897; seed; 11/20/97
- 971031 - *Quercus* sp.; Yucca Do Nursery, TX; T73M-113S-103097; seed; 11/20/97
- 971032 - *Quercus* sp.; Yucca Do Nursery, TX; T73M-102S-102997; seed; 11/20/97
- 971033 - *Quercus* sp.; Yucca Do N,TX;T73M-104S-102997; 11/20/97
- 971034 - *Quercus* sp.; Yucca Do Nursery, TX; T73M-103S-102997; seed; 11/20/97
- 970960 - *Rhamnus frangula* 'Aspleniifolia'; Yadkin Valley Nursery, NC; 1 gal; 11/6/97
- 970212 - *Rhaphiolepis indica* 'Blueberry Muffin'; Taylor's Nursery, NC; 3/28/97
- 970658 - *Rhaphiolepis indica* 'Eleanor Tabor'; Flowerwood Nurs, AL; 3 gal; 7/1/97
- 970646 - *Rhaphiolepis* sp. 'Olivia'; Flowerwood Nur,AL; 3 gal; 7/1/97
- 970887 - *Rhododendron brachycarpum*; Tony Avent, NC; seed; 10/28/97
- 971017 - *Rhododendron macrosepalum* 'Linearifolium'; rec'd as *Azalea* "Macrosepalum" linearifolium; Yadkin Valley N, NC; 2 g 11/6/97
- 970949 - *Rhododendron makinoi*; rec'd as *Rhododendron* 'Makinoi'; Yadkin Valley Nursery, NC; 2 gal; 11/6/97
- 970340 - *Rhododendron* sp.; species may be *indica*-12/8/97; Taylor's Nursery, NC; 3 gal; 3/30/97
- 970918 - *Rhododendron* X 'Aglo'; Yadkin Valley N, NC; 3 gal; 11/6/97
- 970852 - *Rhododendron* X 'Autumn Amethyst' TM; cv name 'Conlee'; Flowerwood Nursery.; 3 gal; 10/24/97
- 970851 - *Rhododendron* X 'Autumn Cheer' TM; cv name 'Conlef'; Flowerwood Nursery.; 3 gal; 10/24/97
- 970847 - *Rhododendron* X 'Autumn Coral' TM; cv. name 'Conled'; Flowerwood Nursery.; 3 gal; 10/24/97
- 970850 - *Rhododendron* X 'Autumn Embers' TM; cv name 'Conlef'; Flowerwood Nursery.; 3 gal; 10/24/97
- 970849 - *Rhododendron* X 'Autumn Rouge' TM; cv. name 'Conlea'; Flowerwood Nursery.; 3 gal; 10/24/97
- 970848 - *Rhododendron* X 'Autumn Royalty' TM; cv. name 'Conlec'; Flowerwood Nursery.; 3 gal; 10/24/97
- 971012 - *Rhododendron* X 'Chinzan'; Yadkin Valley N, NC; 2 g 11/6/97
- 970094 - *Rhododendron* X 'Chionoides'; pf96; Hawksridge Nursery, NC; 3 gal; 3/5/97
- 970943 - *Rhododendron yakushmanum*; Yadkin Valley Nursery, NC; 1 gal; 11/6/97
- 970806 - *Rhododendrum micranthum*; US Nat'l Arb; 1 gal; 10/10/97
- 970807 - *Rhododendrum mucronulatum*; US Nat'l Arb; 1 g 10/10/97
- 970787 - *Rhus lanceolata*; rec'd with author as (A. Gray) Britt.; Davis Arboretum, CA; seed; 10/1/97
- 970855 - *Rhus trilobata*; Tony Avent, NC; seedlings; 10/28/97
- 970788 - *Rhus virens*; rec'd with author as Lindh. ex A. Gray; Davis Arboretum, CA; seed; 10/1/97
- 970718 - *Robinia pseudoacacia* 'Cascade Rogue'; Shadow Nursery, TN; 5 gal; 8/26/97
- 970099 - *Rosa* X 'Angel Face'; Witherspoon Rose, NC; 3/11/97
- 970098 - *Rosa* X 'Brandy'; Witherspoon Rose, NC; 3/11/97
- 970100 - *Rosa* X 'Brides Dream'; Witherspoon Rose, NC; 3/11/97
- 970101 - *Rosa* X 'Chris Evert'; Witherspoon Rose, NC; 3/11/97
- 970388 - *Rosa* X 'Crimson Cascade'; The Potting Shed, NC; 1g 5/7/97
- 970102 - *Rosa* X 'Dream Weaver'; Witherspoon Rose, NC; 3/11/97
- 970248 - *Rosa* X 'Dream Weaver' (2); Witherspoon Rose ; 3/25/97
- 970103 - *Rosa* X 'Elizabeth Taylor'; Witherspoon Rose, NC; 3/11/97
- 970104 - *Rosa* X 'Europeana'; Witherspoon Rose, NC; 3/11/97
- 970108 - *Rosa* X 'Europeana'; Witherspoon Rose, NC; 3/11/97
- 970369 - *Rosa* X 'Happenstance'; The Potting Shed, NC; 1 qt; 5/7/97
- 970249 - *Rosa* X 'Intrigue'; Witherspoon Rose Culture; 3/25/97
- 970109 - *Rosa* X 'Little Sizzler'; Witherspoon Rose, NC; 3/11/97
- 970105 - *Rosa* X 'Mister Lincoln'; [Name was Mr. Lincoln-10/16/97]; Witherspoon Rose, NC; 3/11/97
- 970250 - *Rosa* X 'Neon Lights'; Witherspoon Rose Culture; 3/25/97
- 970143 - *Rosa* X 'Paradise'; Witherspoon Rose, NC; 3/11/97
- 970110 - *Rosa* X 'Playboy'; Witherspoon Rose, NC; 3/11/97
- 970106 - *Rosa* X 'Pristine'; Witherspoon Rose, NC; 3/11/97
- 970929 - *Rosa* X 'Snow Carpet'; Logan's Trading Co, NC; 1 g 11/97
- 970107 - *Rosa* X 'Spice Twice'; Witherspoon Rose, NC; 3/11/97
- 970111 - *Rosa* X 'Sun Flare' (2); Witherspoon Rose, NC; 3/11/97
- 970112 - *Rosa* X 'Weeping China Doll'; [Name was *Rosa* X 'Weeping China Doll', changed per Harvey Baumgardener?-10/30/97]; Witherspoon Rose, NC; 3/11/97
- 970469 - *Rubus idaeus* 'Aureus'; James B. Stevenson, Jr. NC; 5/21/97
- 971118 - *Rubus irenaeus*; Linda Cocoran; 1 gal; 11/13/97
- 970675 - *Rubus lasiostylus* var. *hupehensis*; M. Dirr, UGA; 4" pot; 7/1/97
- 970483 - *Ruellia brittoniana* 'Katie'; Edith Eddleman, NC; 1 g 5/28/97
- 970471 - *Rumex sanguineus*; Plant Delights, NC; 5/21/97
- 970474 - *Saccharum arundinaceum*; Plant Delights, NC; 1 g; 5/21/97
- 970526 - *Saccharum officinarum* 'Pele's Smoke'; rec'd as *Saccharum arundinaceum* 'Pele Smoke'; 6/4/97
- 970490 - *Salix integra* 'Hakuro Nishiki'; Barefoot Paths, NC; 1g 5/23/97
- 970561 - *Salix magnifica*; Heronswood Nurs, WA; 1 qt; 7/9/97
- 970772 - *Salvia* aff. *greggii*; Strybing Arboretum, CA; seed; 9/15/97
- 970453 - *Salvia argentea*; 5/20/97
- 970766 - *Salvia cacaliifolia*; rec'd as *S. cacaliaefolia* Benth.; Strybing Arboretum, CA; seed; 9/15/97
- 970844 - *Salvia chamaedryoides*; Logan Trading Co. NC; 1g 10/23/97
- 970767 - *Salvia coahuilensis*; rec'd with author as Fern.; Strybing Arboretum, CA; seed; 9/15/97
- 970253 - *Salvia coccinea*; Niche Gardens, NC; 1 qt; 4/30/97
- 970768 - *Salvia concolor*; rec'd with author as Lamb x Benth.; Strybing Arboretum, CA; seed; 9/15/97
- 970769 - *Salvia confertiflora*; rec'd with author as Pohl; Strybing Arboretum, CA; seed; 9/15/97
- 970770 - *Salvia elegans* 'Honeymelon'; rec'd with author as Vahl.; Strybing Arboretum, CA; seed; 9/15/97
- 970771 - *Salvia gesneriiflora*; rec'd with author as Lindley; Strybing Arboretum, CA; seed; 9/15/97
- 970773 - *Salvia involucrata*; rec'd with name as Cav.; Strybing Arboretum, CA; seed; 9/15/97
- 970774 - *Salvia judaica*; rec'd with name as Boiss.; Strybing Arboretum, CA; seed; 9/15/97
- 970464 - *Salvia lyrata*; NC Botanical Garden, Chapel Hill; 5/20/97
- 970775 - *Salvia microphylla*; rec'd with name as H.B.K.; Strybing Arboretum, CA; seed; 9/15/97
- 970525 - *Salvia miniata*; Barefoot Paths, NC; 6/4/97
- 970467 - *Salvia nipponica* 'Fuji Snow'; Plant Delights, NC; 5/21/97
- 970372 - *Salvia verticillata* 'Purple Rain'; HillsoftheHaw, NC; 3qt; 5/7/97
- 970391 - *Salvia* X 'Indigo Spires'; Hills of the Haw, NC; 1 gal; 5/7/97
- 970554 - *Salvia* X 'Wild Watermelon'; Edith Eddleman, NC;
- 970727 - *Sambucus nigra* 'Lanciniata'; rec'd as *S. nigra* 'Lancelata'; Shadow Nursery, TN; 3 gal; 8/26/97

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- 970496 - *Sapindus drummondii*; Woodlanders Nurs, SC; 1 gal; 6/9/97  
970348 - *Sapindus mukorossi*; NCSU propagated; seed; 7/30/96  
970087 - *Sarcococca confusa*; Hawksridge Nursery, NC; 2 g 3/5/97  
970945 - *Sarcococca ruscifolia*; Yadkin Valley Nursery, NC; 1g 11/6/97  
970020 - *Sarcococca saligna*; Nurseries Caroliniana, SC; 1g1/20/97  
970174 - *Saxifraga stolonifera* 'Maroon Beauty'; Plant Delights, NC; 1 qt; 4/10/97  
970820 - *Scabiosa atropurpurea*; Instituto de Botanica, Port; seed; 10/23/97  
970322 - *Schisandra spehnanthera*; Qingpu Paradise Hort. Co. Ltd, China; seed; 5/3/97  
971055 - *Schizachyrium scoparium* 'Blaze'; Blue Mount Nurseries, MD; 1 gal; 12/10/97  
970306 - *Schizophragma integrifolium*; Qingpu Paradise Hort. Co. Ltd, China; seed; 5/3/97  
971010 - *Sciadopitys verticillata*; Yadkin Valley Nur, NC; 1g 11/6/97  
971102 - *Sciadopitys verticillata*; Keith Cote; 2 gal; 12/29/97  
970529 - *Scutellaria ovata*; NC Botanical Garden, Chapel Hill; 6/4/97  
970419 - *Sedum album*; Valerie Tyson, NC; cell; 5/22/97  
970213 - *Sedum ternatum*; NC Botanical Garden, Chapel Hill; 4/11/97  
970276 - *Sedum ternatum*; Hills of the Haw, NC; 1 qt; 4/30/97  
970538 - *Sedum tetractinum*; Plant Delights, NC;  
970904 - *Sedum X 'Matrona'*; Pine Knot Farms, VA; 1 gal; 9/1/97  
970907 - *Sedum X 'Vera Jameson'*; Pine Knot Farms, VA; 1 g; 9/1/97  
970399 - *Sedum X 'Weihenstephaner Gold'*; Pine Knott Farms, VA; 1 qt; 4/28/97  
970167 - *Selaginella braunii*; Plant Delights, NC; 1 qt; 4/10/97  
970601 - *Sequoia sempervirens*; Wash Park Arb, WA; seed; 6/1/97  
970802 - *Serissa foetida*; Smith's Nursery; 3 gal; 10/10/97  
970685 - *Serissa japonica*; rec'd as *S. foetida*; M. Dirr, UGA; 4" pot; 7/1/97  
971111 - *Setaria palmifolia*; Buchanan's Nursery NC; 11/13/97  
971124 - *Setaria palmifolia*; Pat McCracken, NC; 1 gal; 11/13/97  
970779 - *Sidalcea malviflora*; rec'd with name as (*DC*) Benth.; Strybing Arboretum, CA; seed; 9/15/97  
970826 - *Sideritis hirsuta*; Instituto de Botanica, Port; seed; 10/23/97  
970532 - *Silene caroliniana*; Barefoot Paths, NC; 6/4/97  
970488 - *Silene caroliniana* 'Hot Pink'; Barefoot Paths, NC; 5/23/97  
970816 - *Silene gallica*; Instituto de Botanica, Portl; seed; 10/23/97  
970115 - *Silene thessalonica*; Ian Simpkins, NC; seed; 3/17/97  
970265 - *Silybum marianum*; pf96; Hills of the Haw, NC; 1 g; 4/30/97  
970629 - *Sinocalycanthus chinensis*; Head Lee Nursery; 1 gal; 7/1/97  
970761 - *Sisyrinchium arenarium*; rec'd as *S. cuspidatum* Poeppig; Strybing Arboretum, CA; seed; 9/15/97  
970760 - *Sisyrinchium californicum*; rec'd with author as (*Ker-Gawl.*) Dryand; Strybing Arboretum, CA; seed; 9/15/97  
970124 - *Sisyrinchium graminoides* 'Album'; rec'd as *Sisyrinchium bermudiana* 'Album'; Ian Simpkins, NC; seed; 3/17/97  
970386 - *Sisyrinchium X 'Quaint and Queer'*; The Potting Shed, NC; 1 pt; 5/7/97  
970563 - *Solanum dulcamara* 'Variegatum'; Heronswood Nurs, WA; 1 qt; 7/9/97  
971116 - *Solanum* sp.; Doug Ruhren, NC; 11/13/97  
970297 - *Sophora davidii*; rec'd as *S. viciifolia* Hance; Qingpu Paradise Hort. Co. Ltd, China; seed; 5/3/97  
970326 - *Sophora davidii*; Qingpu Paradise Hort. Co. Ltd, China; seed; 5/3/97  
971092 - *Sophora japonica* 'Pendula'; Arborvillage, NC; 1g12/19/97  
970757 - *Sophora microphylla*; rec'd with author as Aiton; Strybing Arboretum, CA; seed; 9/15/97  
970241 - *Sophora secundiflora*; Zilker Bot Garden, TX; seed; 4/17/97  
970557 - *Sophora tetraptera*; Heronswood Nurs, WA; 1 qt; 7/9/97  
970808 - *Sorbus pohuashanensis*; is this (*Hance*) or hort. = *X kewensis* which per rhs94 is *S. pohuashanensis X S. esserteauiana?*; US Nat'l Arboretum; 1 gal; 10/10/97  
970585 - *Spiraea douglasii*; Washington Park Arb, WA; seed; 6/1/97  
970794 - *Spiraea douglasii*; rec'd with author as Hook.; Davis Arboretum, CA; seed; 10/1/97  
970716 - *Spiraea japonica* 'Little Princess'; Shadow N, TN; 3g 8/26/97  
970401 - *Spiraea japonica* 'Magic Carpet'; Hills of the Haw, NC; 1g 5/7/97  
970809 - *Spiraea pubescens*; US Nat'l Arboretum; 1 gal; 10/10/97  
970026 - *Spodiopogon sibiricus*; Am. Hort. Soc.; seed; 2/4/97  
970162 - *Stachys byzantina*; Pender Nursery, NC; 1 gal; 3/25/97  
97025 - *Stachys byzantina* 'Big Ears'; rec'd as *S. 'Helene Von Stein'*; Hills of the Haw, NC; 1 gal; 4/30/97  
970827 - *Stachys ocymastrum*; Instituto de Botanica, Portugal; seed; 10/23/97  
970311 - *Stachyurus himalaicus*; Qingpu Paradise Hort. Co. Ltd, China; seed; 5/3/97  
970321 - *Stachyurus schechuanense*; Qingpu Paradise Hort. Co. Ltd, China; seed; 5/3/97  
970404 - *Stipa tenuissima*; Hoffman Nursery, NC; 4" pot; 5/7/97  
970396 - *Stokesia laevis* 'Purple Parasol'; Pine Knott Farms, VA; 3 qt; 5/7/97  
970916 - *Stranvaesia davidiana* var. *undulata* 'Prostrata'; rec'd as *Stranvaesia davidiana* 'Prostrata'; Yadkin Valley N, NC; 1 gal; 11/6/97  
971121 - *Strobilanthes isophyllus*; Big Bloomer's, NC; 11/13/97  
970300 - *Styrax chinensis*; Qingpu Paradise Hort. Co. Ltd, China; seed; 5/3/97  
970600 - *Styrax japonicus*; Washington Park Arb, WA; seed; 6/1/97  
970296 - *Styrax tonkinensis*; rec'd as author Craib; Qingpu Paradise Hort. Co. Ltd, China; seed; 5/3/97  
971065 - *Styringia josikaea*; NA Rock Garden Society; seed; 12/12/97  
970748 - *Symplocos laurina*; Qingpu Paradise Hort. Co. Ltd, China; seed; 5/3/97  
971067 - *Syringa wolfii*; NA Rock Garden Society; seed; 12/12/97  
971072 - *Syringa wolfii*; NA Rock Garden Society; seed; 12/12/97  
970518 - *Tagetes filifolia*; Barefoot Paths, NC; 6/4/97  
970539 - *Tanacetum* sp. 'Aurea'; Edith Eddleman, NC;  
971090 - *Taxodium ascendens* 'Prairie Sentinel'; Arborvillage, MO; 1 gal; 12/19/97  
970863 - *Taxus chinensis* var. *hupenensis*; Tony Avent, NC; 1 qt; 10/28/97  
970528 - *Tecoma stans*; pf96; King's Creek Nursery; 6/4/97  
970292 - *Ternstroemia kwangtungensis*; Qingpu Paradise Hort. Co. Ltd, China; seed; 5/3/97  
970299 - *Ternstroemia nitida*; Qingpu Paradise Hort. Co. Ltd, China; seed; 5/3/97  
970828 - *Teucrium polium* ssp. *capitatum*; Instituto de Botanica, Portugal; seed; 10/23/97  
970829 - *Teucrium scorodonia* ssp. *scorodonia*; rec'd as *T. scorodonia*; Instituto de Botanica, Portugal; seed; 10/23/97  
970436 - *Thalictrum aquilegifolium*; Fairview Nur, NC; 1 gal; 5/29/97  
970437 - *Thalictrum delavayi*; Fairview Nursery, NC; 1 gal; 5/29/97  
970900 - *Thalictrum delavayi*; rec'd as *T. diptercarpum*; Catherine Gaertner, NC; 1 qt; 10/30/97  
970734 - *Thuja koraiensis*; rec'd as *T. koraie*; M. Dirr, UGA; 3" pot 8/29/97  
970653 - *Thuja occidentalis* 'Degroot's Spire'; Head Lee N, SC; 1g 7/1/97  
970981 - *Thuja occidentalis* 'Degroot's Spire'; Yadkin Valley Nursery, NC; 1 gal; 11/6/97  
970652 - *Thuja occidentalis* 'Emerald'; Head Lee Nur, SC; 1g 7/1/97  
970987 - *Thuja occidentalis* 'Filiformis'; Yadkin Valley N, NC; 3g11/5/97  
970650 - *Thuja occidentalis* 'George Washington'; Head Lee Nursery, SC; 1 gal; 7/1/97  
970236 - *Thuja occidentalis* 'Globosa Rheindiana'; Valerie Tyson, NC; 1 gal; 4/15/97  
970969 - *Thuja occidentalis* 'Rheingold'; Yadkin Valley Nursery, NC; 1 gal; 11/6/97  
970736 - *Thuja orientalis* 'Juniperoides'; M. Dirr, UGA; 3" pot; 8/29/97  
970996 - *Thuja orientalis* 'Sanderi'; rec'd as *Chamaecyparis obtusa* 'Sanderi'; Yadkin Valley Nursery, NC; 3 gal; 11/6/97  
970013 - *Thuja plicata*; Clemson selection #2; Head Lee Nursery, SC; 1 gal; 1/13/97  
970645 - *Thuja plicata* 'Albo Spicata'; Head Lee Nur, SC; 1g 7/1/97  
970632 - *Thuja plicata* 'Clemson Sel. #1'; Head Lee N, SC; 1g 7/1/97

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- 970651 - Thuja plicata 'Clemson Sel. #2'; Head Lee Nursery, SC; 1 gal; 7/1/97  
970641 - Thuja plicata 'Hogan'; Head Lee Nursery; 1 gal; 7/1/97  
970859 - Thuja sutchuensis; rec's with author as Franch.; Tony Avent, NC; 1 qt; 10/28/97  
970394 - Thymus sp. 'Longwood'; Hills of the Haw, NC; 4" pot; 5/7/97  
970400 - Thymus X 'All Gold'; Hills of the Haw, NC; 1 qt; 5/7/97  
970197 - Tiarella X 'Laird of Skye'; Plant Delights, NC; 1 qt; 4/10/97  
970269 - Tiarella X 'Slick Rock'; Hills of the Haw, NC; 1 gal; 4/30/97  
971149 - Tibouchina sp.; 2 gal; 11/13/97  
971148 - Tibouchina urvilliana; Randy Salter, NC; 2 gal; 11/13/97  
970062 - Tilia americana 'Boulevard'; Schmidt & Sons Co, OR; bareroot; 3/3/97  
970065 - Tilia americana 'Lincoln'; Schmidt & Sons Co, OR; bareroot; 3/4/97  
970057 - Tilia cordata 'Shamrock'; Schmidt & Sons Co, OR; bareroot; 3/3/97  
970066 - Tilia cordata 'Shamrock'; Schmidt & Sons Co, OR; bareroot; 3/4/97  
970060 - Tilia tomentosa 'Green Mountain'; Schmidt & Sons Co, OR; bareroot; 3/3/97  
970171 - Titanotrichium oldhamii; Plant Delights, NC; 4 pack; 4/10/97  
970487 - Tithonia sp.; Barefoot Paths, NC; 1 gal; 5/23/97  
970586 - Tolmiea menziesii; Washington Park Arboretum, WA; seed; 6/1/97  
970856 - Torreya fargesii; Tony Avent, NC; 1 qt; 10/28/97  
970885 - Torreya nucifera; Tony Avent, NC; A1K-251; seed; 10/28/97  
970384 - Tradescantia pallida 'Purple Heart'; Hills of the Haw, NC; 4" pot; 5/7/97  
970842 - Tradescantia X 'Mrs. Leower'; Long Creek Gardens., PA; 1 gal; 10/23/97  
970173 - Tricyrtis hirta 'Golden Gleam'; Plant Delights, NC; 1 qt; 4/10/97  
970412 - Trifolium repens 'Green Ice'; Indigo Marsh, SC; 4" pot; 5/7/97  
970414 - Trifolium repens 'Purpurascens'; Indigo Marsh, SC; 4" pot; 5/7/97  
970545 - Trillium grandiflorum; Valerie Tyson, NC; seed; 7/7/97  
971088 - Tritelia laxa 'Koningin Fabiola'; The Daffodil Mart, VA; bulb; 12/18/97  
970071 - Trochodendron aralioides; Royal Horticultural Society; seed; 3/5/97  
970962 - Tsuga canadensis 'Curley'; Yadkin Valley Nursery, NC; 3 gal; 11/6/97  
970930 - Tsuga canadensis 'Gentsch White'; Yadkin Valley Nursery, NC; 1 gal; 11/6/97  
970963 - Tsuga canadensis 'Kingsville Spreader'; Yadkin Valley Nursery, NC; 5 gal; 11/6/97  
970797 - Tsuga canadensis 'Slenderella'; Beverly Hill Garden and Nursery, NC; 3 gal; 8/27/97  
970587 - Tsuga heterophylla; Washington Park Arboretum, WA; seed; 6/1/97  
971083 - Tulipa X 'Balerina'; Doug Ruhren, NC; bulb; 12/18/97  
971085 - Tulipa X 'Golden Apeldoorn'; Doug Ruhren, NC; bulb; 12/18/97  
971084 - Tulipa X 'Lady Jane'; Doug Ruhren, NC; bulb; 12/18/97  
971087 - Tulipa X 'Pink Impression'; Doug Ruhren, NC; bulb; 12/18/97  
971086 - Tulipa X 'Purissima'; a.k.a. 'White Emperor'; Doug Ruhren, NC; bulb; 12/18/97  
970594 - Uncinia phleoides; Washington Park Arboretum, WA; seed; 6/1/97  
970492 - Unknown composite; not Heterotheca inul??; Barefoot Paths, NC; 1 qt; 5/23/97  
970449 - Verbascum chaixii 'Album'; Hills of the Haw, NC; 5/20/97  
970480 - Verbascum X 'Harlequin'; Harlequin Gardens, CA; 5/21/97  
970465 - Verbascum X 'Helen Johnson'; Indigo Marsh, SC; 5/20/97  
970392 - Verbena sp.; Edith Eddleman, NC; cuttings; 5/7/97  
970370 - Verbena tenuisecta 'Edith'; Big Bloomers, NC; 4" pot; 5/7/97  
970448 - Verbena tenuisecta 'Edith'; Big Bloomers, NC; 5/20/97  
970373 - Verbena tenuisecta 'Jenny'; The Potting Shed, NC; 3 qt; 5/7/97  
970398 - Verbena X; Pine Knott Farms, VA; 1 qt; 4/28/97  
970460 - Verbena X 'Abbeyville'; 5/20/97  
970228 - Verbena X 'Alba'; Pine Knot Farms, VA; 4/11/97  
970459 - Verbena X 'Blue Princess'; Plant Delights, NC; 5/20/97  
970552 - Verbena X 'Blue Princess'; Plant Delights, NC;  
970461 - Verbena X 'Marie's Rose'; 5/20/97  
970417 - Verbena X 'New Purple'; Big Bloomers, NC; 4" pot; 5/7/97  
970405 - Verbena X 'Red Violet'; Hills of the Haw, NC; 1 gal; 5/7/97  
970393 - Verbena X 'Sissinghurst Purple'; Indigo Marsh, SC; 1 pt; 5/7/97  
970381 - Verbena X 'Tapien TM Powder Blue'; Edith Eddleman, NC; 2 qt; 5/7/97  
970397 - Veronica reptans aurea; repens/reptans - pf96; Pine Knott Farms, VA; 1 pt; 4/28/97  
970229 - Veronica spicata 'Icicle'; Pine Knot Farms, VA; 4/11/97  
970836 - Veronicas arvensis; Instituto de Botanica, Portugal; seed; 10/23/97  
970262 - Veronicastrum virginicum; Hills of the Haw, NC; 1 gal; 4/30/97  
970294 - Viburnum betulifolium; rec'd as author Batal; Qingpu Paradise Hort. Co. Ltd, China; seed; 5/3/97  
970709 - Viburnum carlesii 'Compactum'; Rosemary Kautzky, NC; 1 qt; 6/97  
970589 - Viburnum cassinoides; Washington Park Arboretum, WA; seed; 6/1/97  
971078 - Viburnum cotinifolium; rec'd with D. Don as author; Berlin BG, Ger; seed; 12/12/97  
970319 - Viburnum dilatatum; author Thunb.; Qingpu Paradise Hort. Co. Ltd, China; seed; 5/3/97  
970660 - Viburnum dilatatum 'Mt. Airy'; 3 gal; 7/1/97  
970327 - Viburnum fordiae; Qingpu Paradise Hort. Co. Ltd, China; seed; 5/3/97  
970293 - Viburnum glomeratum; rec'd as author Maxim; Qingpu Paradise Hort. Co. Ltd, China; seed; 5/3/97  
970288 - Viburnum opulus 'Roseum'; rec'd as V. o. 'Sterile'; Apex Nursery, NC; 3 gal; 4/30/97  
970301 - Viburnum opulus var. caivescen; rec'd as v. opulius (bad spelling?); Qingpu Paradise Hort. Co. Ltd, China; seed; 5/3/97  
970289 - Viburnum plicatum; Apex Nursery, NC; 3 gal; 4/30/97  
970324 - Viburnum sargentii; Qingpu Paradise Hort. Co. Ltd, China; seed; 5/3/97  
970305 - Viburnum schensianum; rec'd as author Maxim; Qingpu Paradise Hort. Co. Ltd, China; seed; 5/3/97  
970144 - Viburnum tinus 'Compactum'; Johnson Nursery, NC; 3 gal; 3/12/97  
971068 - Viburnum urceolatum; North American Rock Garden Society; seed; 12/12/97  
970917 - Viburnum X burkwoodii 'Conoy'; V. X burkwoodii is V. carlesii x V. utile per rhs94; Yadkin Valley Nursery, NC; 1 gal; 11/6/97  
970285 - Vinca minor f. alba; Plantworks Nursery, NC; 2" pot; 4/30/97  
970129 - Viola japonica albida varieg. 'Rodney Davey'; Ian Simpkins, NC; seed; 3/17/97  
970302 - Wikstroemia indica; Qingpu Paradise Hort. Co. Ltd, China; seed; 5/3/97  
970712 - Zephyranthes reginae 'Valles Yellow'; NCSU Arb propagated; seed; 8/20/97  
970591 - Zigadenus venenosus; Washington Park Arboretum, WA; seed; 6/1/97  
971046 - Zizia aurea; rec'd as Z. aurea 'Golden Alexander'; Blue Mount Nurseries, MD; 1 pt; 12/10/97 ■

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The JC Raulston Arboretum at NC State University

Department of Horticultural Science

Box 7609

Raleigh, NC 27695-7609

World Wide Web Address: <http://arb.ncsu.edu>

*Friends of the JC Raulston Arboretum Newsletter* is published four times a year.

Jonathan Nyberg, Editor

### JC Raulston Arboretum Staff

Director	Bryce Lane	515-1189
Development Director	Catherine Maxwell	515-2000
Program Coordinator	Jonathan Nyberg	515-3132
Volunteer Coordinator	Harriet Bellerjeau	515-3132
Arboretum Secretary	Pamela Christie	515-3132
Arboretum Technician	Mitzi Hole	515-1632
Gardener	Karen Jones	515-1632
Plant Recorder	Valerie Tyson	515-1632
Horticultural Advisor	Douglas Ruhren	515-1632
Arboretum Office/ Volunteer office	Staffed by volunteers	515-7641

### Volunteer Curators (\* indicates help needed)

Butterfly Garden*	Patricia Highland	217-1252
Blue Bird Houses	Lynn Hoyt	362-1301
Blue Conifer Collection*	Guy Meilleur	387-7045
Iris Curator	Catherine Gaertner	380-5172
Japanese Garden*	Dan Howe	848-5462
JC Raulston Archives	Mary & Claude Caldwell	515-3132
Labeling*	Tom Bumgarner	231-7450
Lath House*	Charlotte Presley	851-0555
Magnolia Curator	Pat McCracken	365-7878
Mixed Shrub Border*	Amelia Lane	787-6228
Paradise Garden	Renee Zubin	856-9329
Perennial Borders*	Edith Eddleman	286-7691
	Douglas Ruhren	688-0240
Rose Garden	Harvey Bumgardner	832-5426
	Anne Clapp	787-9852
Southwest Garden* Curator needed		
Tour Guide Coordinator	Fran Johnson	847-5274
Visitor Center Coordinator*	Bee Weddington	782-7737
Volunteer representative to the Arboretum Board	Anne Clapp	787-9852
Volunteer Office* Weekends needed		
Water Garden	Alicia Berry	829-2524
White Garden	Karen Jones	834-6351
Garden of Winter Delights*	Jonathan Nyberg	688-0240
	Frank Simpson	682-5754
Wisteria Garden*	Maggie O'Connor	550-0268

### NC State University Horticultural Field Laboratory

Superintendent

Paul Lineberger

515-3144

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## Director, cont. from page 1

ment of Horticultural Science held the annual spring graduation exercises in the Southall Memorial Garden. Over 200 people attended to honor 25 graduates. Many spent time before and after enjoying the garden. We also hosted an open house for NC State employees a week later. Wolfline buses brought folks out to the garden. They were able to get a hot dog and a drink, pick up membership information and enjoy the garden. It was a great way for NC State staff to learn about the Arboretum. Lastly, we hosted a garden tour and luncheon for the staff of the UNC Botanical Garden in Chapel Hill. About twenty members of the staff of the Botanical Garden toured the garden with one of our most veteran volunteer tour guides, Vivian Finkelstein. After the tour we ate lunch together in the garden and ended with a mini plant giveaway

for our guests. Our staff looks forward to visiting the UNC Botanical Garden in the future.

The search for a new Director is in full swing. The search committee has recommended two applicants for interviews. The Department of Horticultural Science hopes to bring them in to interview sometime in early August. The format for interviews will be just like the format from last year. Be sure to check your mail for announcements about the candidates Friends of the Arboretum Lecture, and try to make every effort to attend. We are excited about getting our Directorship resolved this time and I know the Search Committee and Tom Monaco, our Department Head, are very optimistic.

I have more good news to share about the directorship. You might have read in the paper about the JC Raulston Professorship which was

created as a result of a \$500,000 donation made by anonymous donors in the name of former UNC President C.D. Spangler. Dr. Spangler chose to name the Professorship for JC Raulston. What this means is that the director of the Arboretum holds the Professorship and will be entitled to a percentage of the interest that comes off the endowment to use for operations or as a salary supplement. The professorship is the first in the Department of Horticultural Science, and is very exciting news. Needless to say, it should also be very exciting and tempting news for the two candidates who will be interviewing!

Come visit us at the Arboretum this summer, better yet make the Arboretum a routine stop. Thanks to all our members, volunteers, and other supporters for your continued support through this extended transitional period! ■

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**JC Raulston Arboretum at NC State University**  
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