

# Amateur Rose Hybridizing in the *Deep South District*



Amateur rose hybridizers' prospectives

# Open Pollination

**Open-pollination** is the process of cross-pollination between two plants (via wind, insects or water) or self-pollination (between male and female flower parts contained within the same flower or separate flowers on the same plant).

# Open Pollination

**Seed Parent**



**Offspring**



# Hybridization

**Hybridization** is the process of hybrid formation, either in nature or the deliberate crossing by human intervention of two species in an effort to produce offspring with a combination of parental traits.

# Sample Hybridization

**Seed Parent**

**Offspring**



**Pollen Parent**



[Princess Alexandra of Kent x Citrus Burst]

# Sample Hybridization

**Seed Parent**



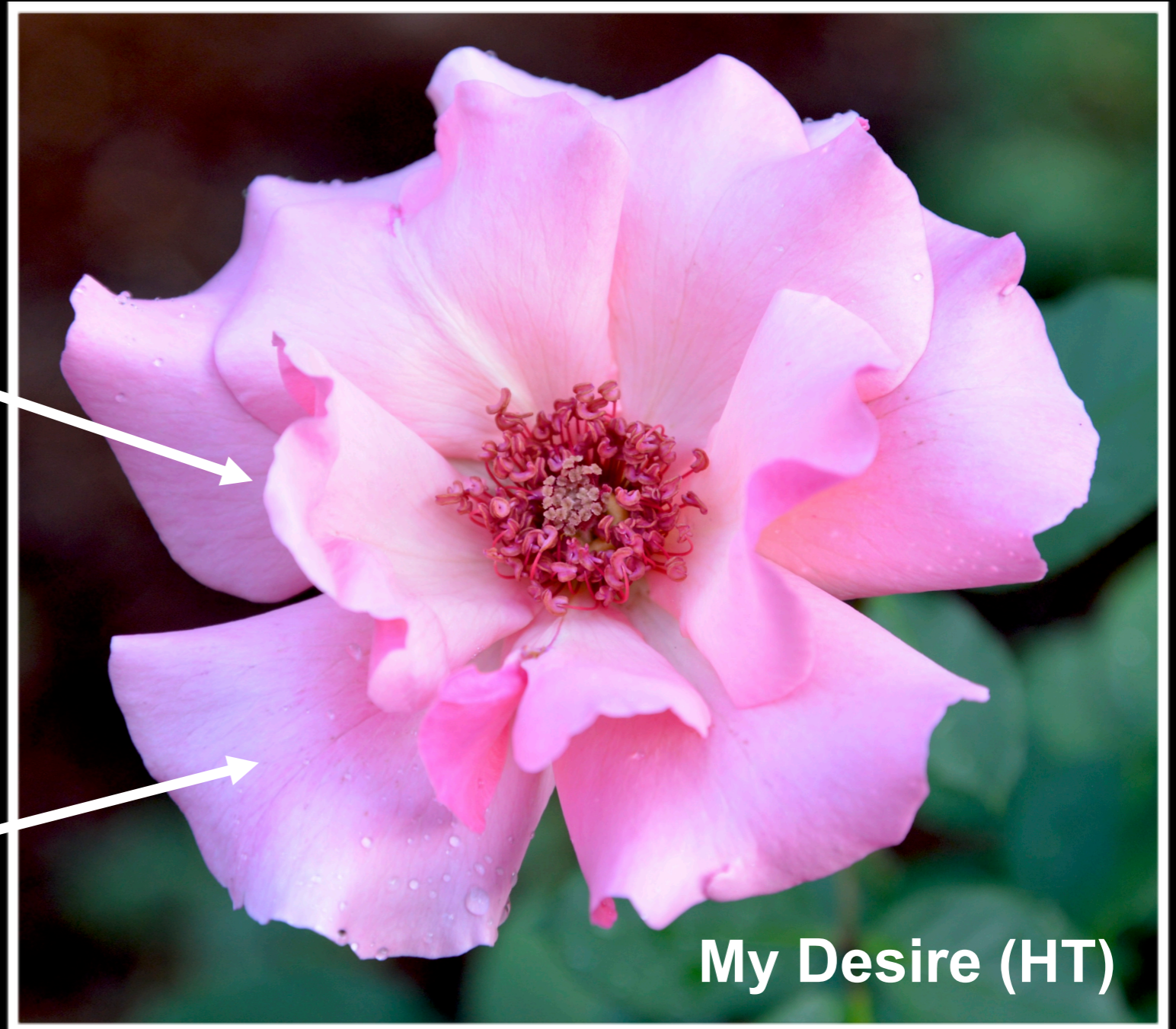
**Dainty Bess (HT)**

**Pollen Parent**



**Excite (HT)**

**Offspring**



**My Desire (HT)**

[Excite x Dainty Bess]

# Sample Hybridization

**Seed Parent**



**Fourth of July (LCI)**

**Offspring**



**Delish (LCI)**

**Pollen Parent**



**Citrus Burst (LCI)**

[Fourth of July x Citrus Burst]

# Process

- Establish Objectives
- Select Parents
- Emasculate Seed Parent
- Pollenate
- Harvest Hips
- Stratify Seeds
- Grow Seedlings
- Evaluate
- Name & Register



# Where to start

“Briefly, have an objective - visualize the type of rose you would like to create and then study the material you have for use as parents.”

The ABC's of Hybridizing  
by Roy E. Shepherd

(RHA Newsletter - Spring 1975)



**Heidsommer (F)**



**Molineux (S)**



**Pink Pet (Ch)**

# Characteristics

- Classes

- Form

- Fragrance

- Disease resistance

- Bush size & form

- Unique colors and patterns



**Moonstone (HT)**



**Secret Garden Musk Climber**

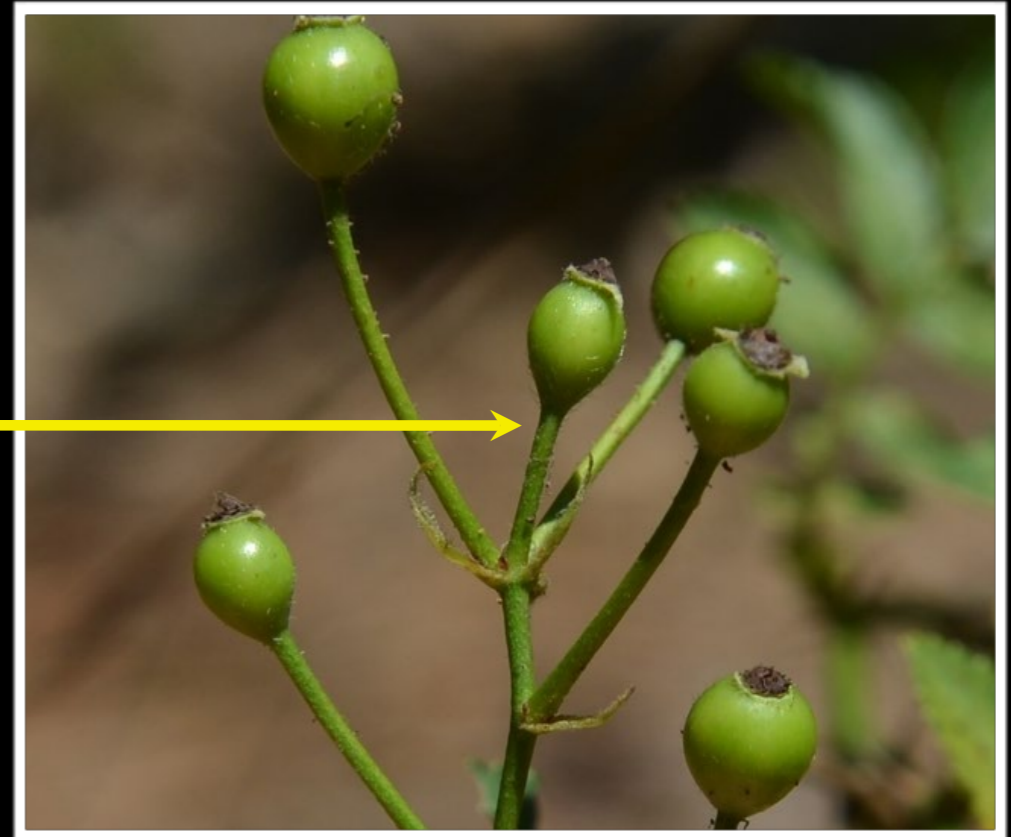


**Forrest Hale (S)**

# Important Considerations

## Seed Parent (female)

- Produce & Sustain Hips
- Stigma



## Pollen Parent (male)

- Stamens / Anthers



# Research Successful Crosses

HelpMeFind Roses, C and everyth

## HELPMEFIND

- SITE FEATURES
- MEMBERSHIP
- SPONSORSHIP
- DONATIONS
- NEW / RECENT

## PLANTS

- SEARCH / LOOKUP
- ADVANCED SEARCH
- CUTTING EXCHANGE
- MISSING PLANT

## COMMERCIAL

- NURSERIES
- PRODUCTS & SERVICES

## NON-COMMERCIAL

- GARDENS
- SOCIETIES & ASSOCIATIONS
- AWARDS & SHOWS

## RESOURCES

- EZINE
- Q & A FORUM
- PUBLICATIONS, ARTICLES & VIDEOS
- GLOSSARY
- WEBSITE LINKS

## EVENTS

- EVENT CALENDAR

## PEOPLE

- HMF MEMBERS
- BREEDERS
- AUTHORS

## RATINGS

- MEMBER'S FAVORITES
- MEMBER'S RATINGS

Description

P  
 S

City c

Playboy

Unna

SEED  
POLLEN

Marle

Picasso

MACj

modernroses.rose.org

Modern  
ROSES

Search Rose Registration Roses In Review

Hello a.whitcomb@icloud.com! Log off

Hybridizer: Whitcomb Horticultural Class: All Color Class: All

SEARCH REGISTRATIONS

Approved Exhibition Name <i>Synonyms</i>	Class	Color	Registration Year	Hybridizer	Details
Arthur of Newberry	T - Tea	w - White, Near White, & White Blend	2018	Whitcomb, Allen	Details
Calypso Sun	F - Floribundas	yb - Yellow Blend	2016	Whitcomb, Allen	Details
Can't Wait	MinFL - Miniflora	yb - Yellow Blend	2014	Whitcomb, Allen	Details
Carol's Obsession	F - Floribundas	ab - Apricot & Apricot Blend	2017	Whitcomb, Allen	Details
Citrus Carrousel	S - Shrub	pb - Pink Blend	2017	Whitcomb, Allen	Details
Citrus Jewel	S - Shrub	pb - Pink Blend	2018	Whitcomb, Allen	Details
Cyd's Compassion	T - Tea	pb - Pink Blend	2014	Whitcomb, Allen	Details
Debbies Delight	S - Shrub	pb - Pink Blend	2014	Whitcomb, Allen	Details
Grandma Reida	F - Floribundas	w - White, Near White, & White Blend	2017	Whitcomb, Allen	Details
Little Bess	S - Shrub	lp - Light Pink	2017	Whitcomb, Allen	Details
Miss Grace	S - Shrub	pb - Pink Blend	2016	Whitcomb, Allen	Details
Miss Katherine	F - Floribundas	pb - Pink Blend	2018	Whitcomb, Allen	Details
My Desire	HT - Hybrid Tea	mp - Medium Pink	2014	Whitcomb, Allen	Details
Nottingham Lady	F - Floribundas	pb - Pink Blend	2018	Whitcomb, Allen	Details
Precocious	S - Shrub	lp - Light Pink	2018	Whitcomb, Whitcomb	Details
Redolence	S - Shrub	mp - Medium Pink	2018	Whitcomb, Allen	Details
Rhapsody in Red	S - Shrub	dr - Dark Red	2014	Whitcomb, Allen	Details
Shar My Love	S - Shrub	pb - Pink Blend	2014	Whitcomb, Allen	Details
Sundancer	F - Floribundas	ab - Apricot & Apricot Blend	2017	Whitcomb, Allen	Details

ham Forest ... Not You? MY ACCOUNT

DO I... REPORT ERROR SHARE INSIGHT

Buy From

? HELP

- DESCENDANTS BY GENERATION
- DESCENDANTS BY NAME

# Seed Parent



# Remove Flower Petals



# Collect Pollen



# Emasculate Seed Parent





# Pollinate



Brush pollen on  
stigmas

*Finger works better*

# Harvest Hips



# Collect Achenes

- Remove achenes (“seed pods”) from hips
- Soak in Captan fungicide



Hips



Achenes

# Plant Achenes



Achenes

# Stratify

January 23, 2015

Moondance x Hopie Girl

54

60%



# Collect Sprouts



# Prepare Pots/Trays



Make hole in potting mixture for sprout

# Plant sprouts

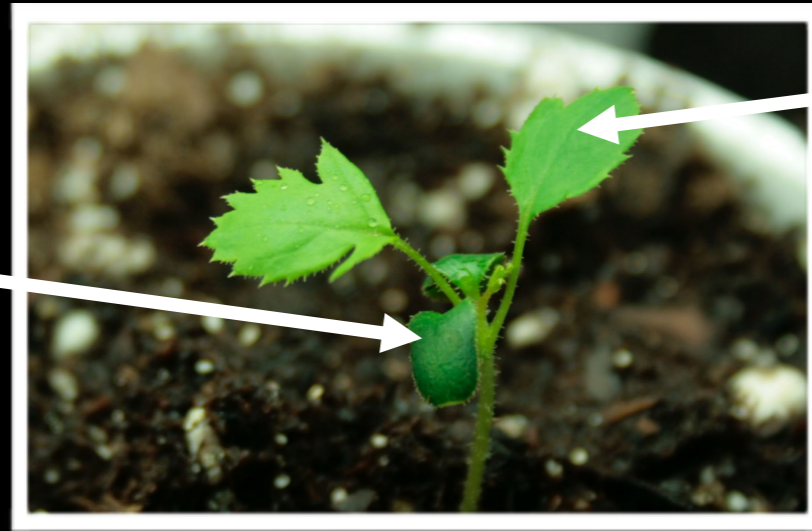




# Expectations

**2 weeks**

Cotyledons



True leaves

**4 weeks**

Second set of true leaves form  
transfer to small styrofoam  
cups with holes in bottom



**6-8 weeks**

First blooms



# Plant Outside



Deep South District  
Amateur Hybridizer's  
Seedlings

# Stephen Hoy



**Hopewell (S)**



**Tutti-Frutti (S)**



**Take Five ( )**



**15SOCHPIE**



**Mary Conway ( )**



**Lindsey's Laugh (S)**

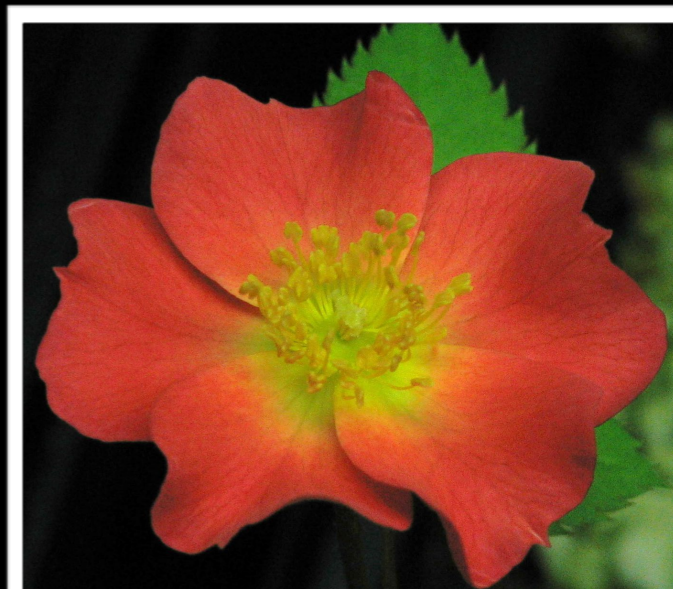
# Stephen Hoy



**Forrest Hale (Min)**



**14ChpiexMystar1**



**Hulthemia cross**



**15MICRU**



**17Abbott and  
Burns seedling**



**13COPSTA3 3**

# Linda Krontz Schuppener



[Kolner Karneval x  
Gene Boerner]



[Candyland x ?  
Kolner Karneval]



[First Prize x Paprika]

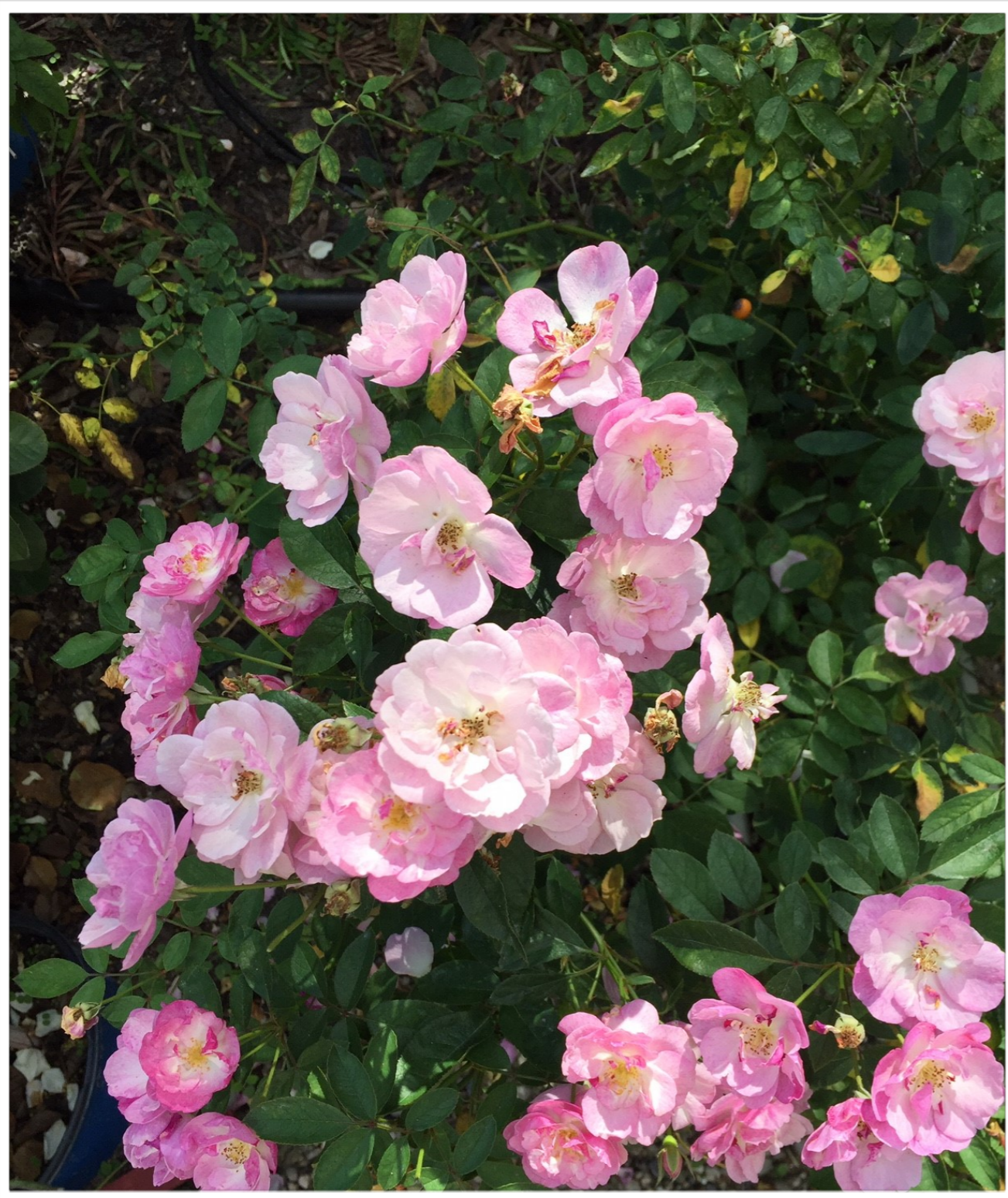


[Kolner Karnval x  
Candyland]



[Walking on Sunshine x  
Paul Ecke, Jr.]

# Leigh Wilson-Versaggi



[Natchitoches Noisette x OP]



[Reve d'Or x OP]



[Duchesse de Brabant x OP]

# Leigh Wilson-Versaggi



[Outta The Blue x OP]



[Outta the Blue x OP]



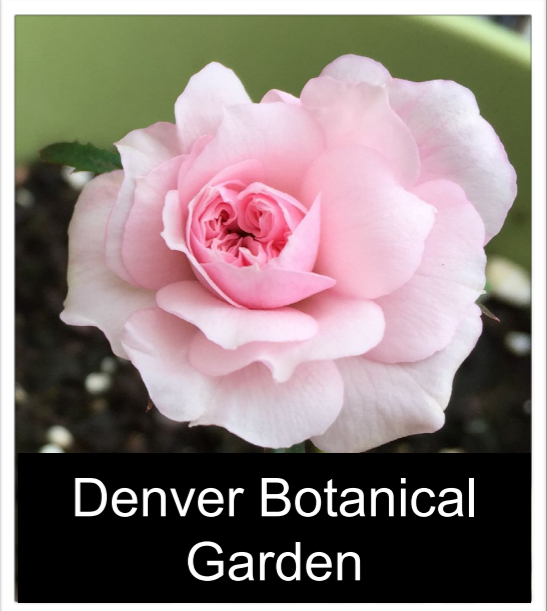
[Outta the Blue x  
Tiffany]



[Our Lady of Guadalupe  
x Lady Hillingdon]



[Heritage x OP]



Denver Botanical  
Garden

Open polinated  
unknown rose  
seedling



# Betsy van der Hoek



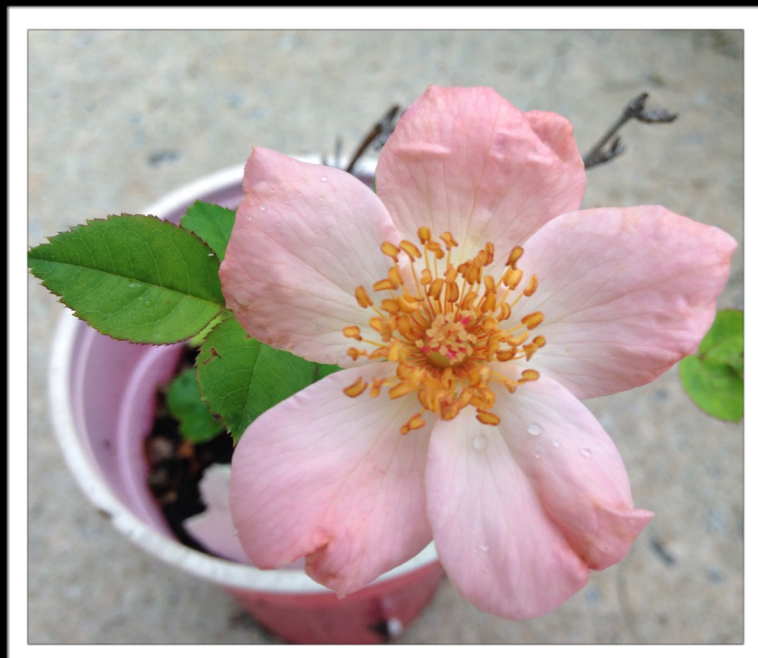
**Rugosa seedling**



**['Duchesse de Montebello' x  
thornless *R. multiflora*) x OP]**



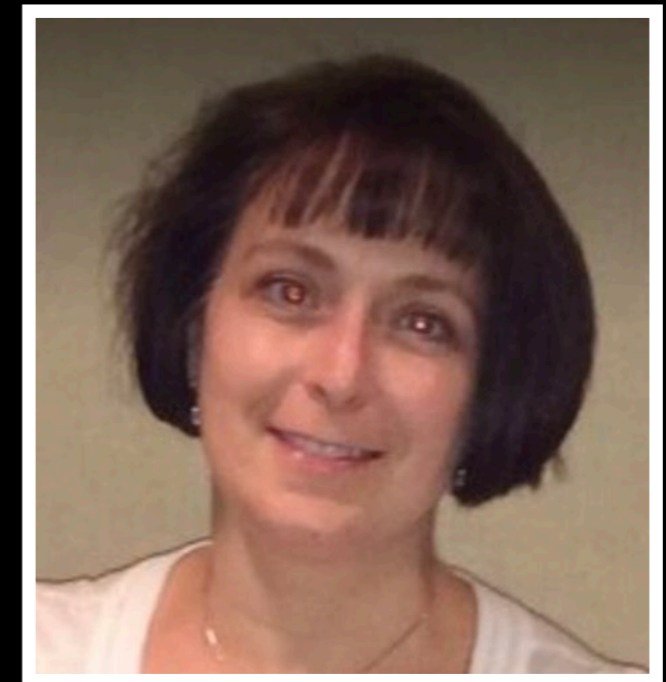
**[Suzanne x  
'Carefree Beauty' x  
*R. arkansana*)]**



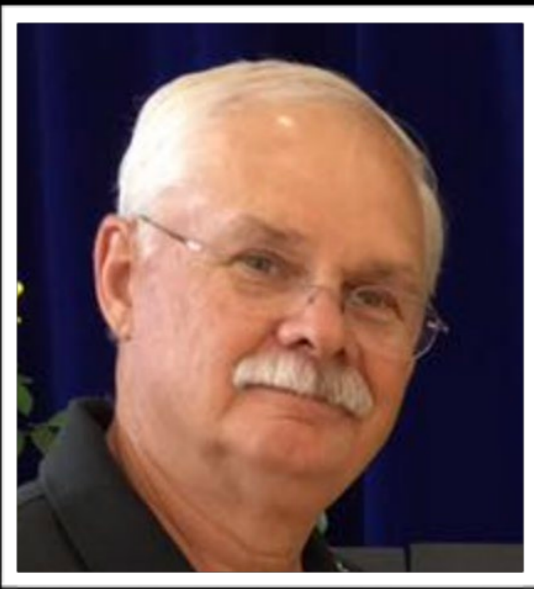
**Carefree Sunshine**



**David Zlesak's  
'Candy Oh!' Vivid Red x OP**



# Ray Guillebeau



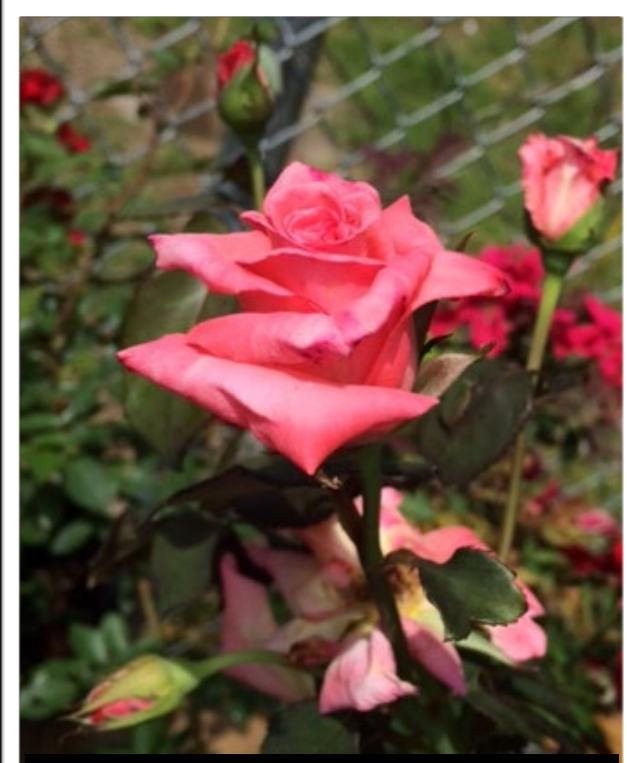
**Red Seduction (Min)**

[Fairhope x unknown]



**My Sunbeam (Min)**

[Ty x unknown]



**Southern Girl**

[Tammy Clemons X  
Fairhope]



**Cuddlebug**

Daddy Frank x Unknown



**Ruby's Daughters**

[Veteran's Honor  
x Gemini]



**Madeleine (F)**

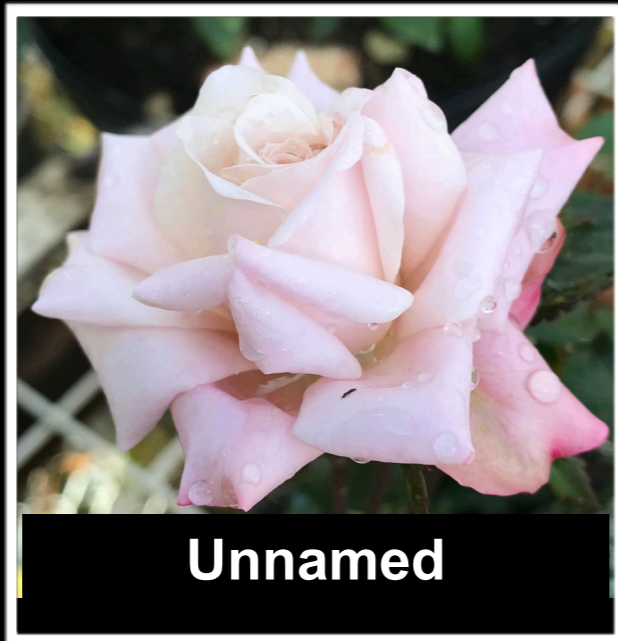
[Fairhope x unknown]

# Ray Guillebeau



**Carolina Girls**

[Dr Troy Garrett x  
Queen of Hope]



**Unnamed**

[Mr Leonard x Renegade]



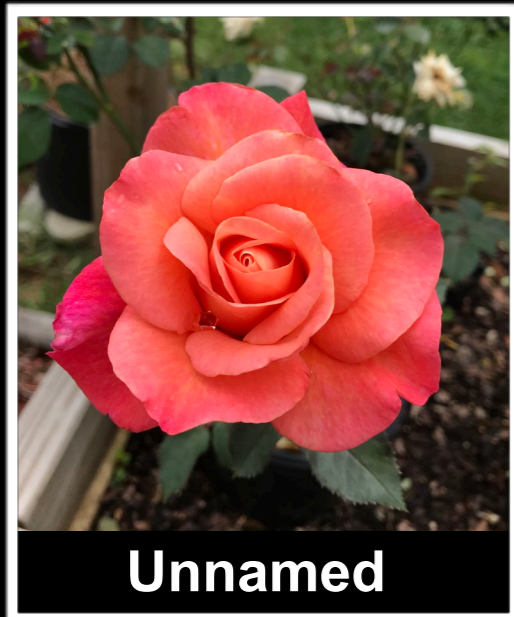
**Unnamed**

[Fairhope x Unbridled]



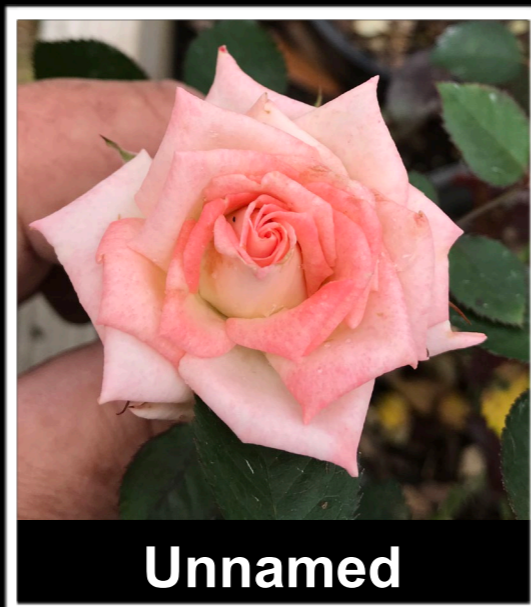
**Unnamed Mini**

[Leonard x Fairhope]



**Unnamed**

[Mr Leonard x Sunny  
Sunday's]



**Unnamed**

[The lighthouse x  
Shameless]



**Debbie Coolidge**

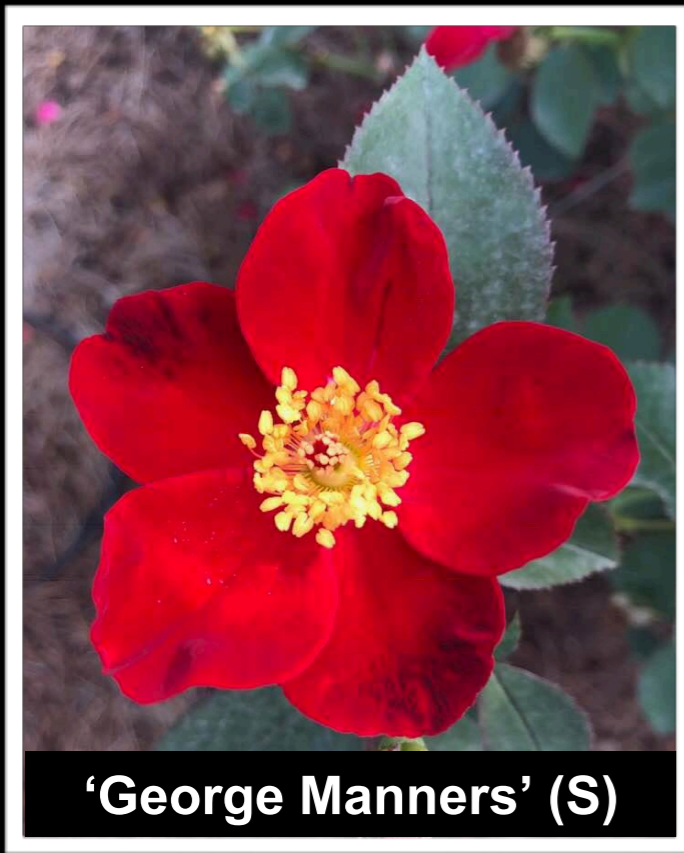
[Queen of Hope x  
Gift of Love]



**Unnamed (F)**

[Mr Leonard x Fairhope]

# Dr. Malcolm Manners



**'George Manners' (S)**



**'Lois Manners' (HKor)**

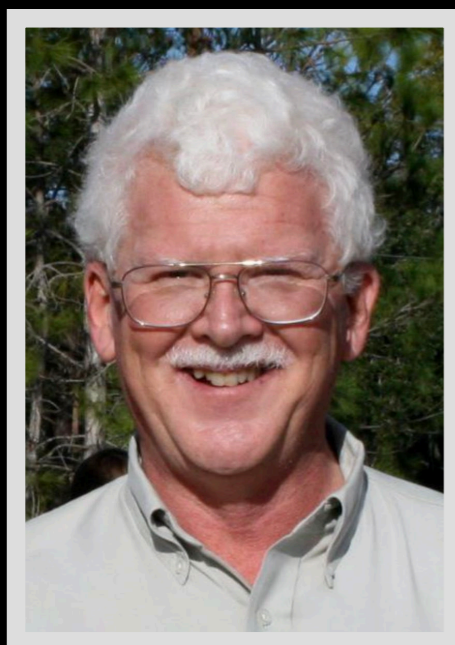


**'Marjorie Kinnan Rawlings' (HKor)**

[Wekcisbako x OP  
assumed to be a selfing]

[Undisclosed]

[Dortmund x unknown]



**'Xihuahcoatl'**  
(*shoe co-wattle*)

[Dortmund x unknown]



**'Xuchitl'**  
(*sue she'll*)

[*Rosa moschata moschata*  
x unknown]



**'Xochimilco'**  
(*show-chee-meal-co*)

[*Rosa moschata moschata*  
x unknown]

# James Bailey/Linda Cluey



**Dogwood (HT)**

[Dainty Bess x Crystalline]



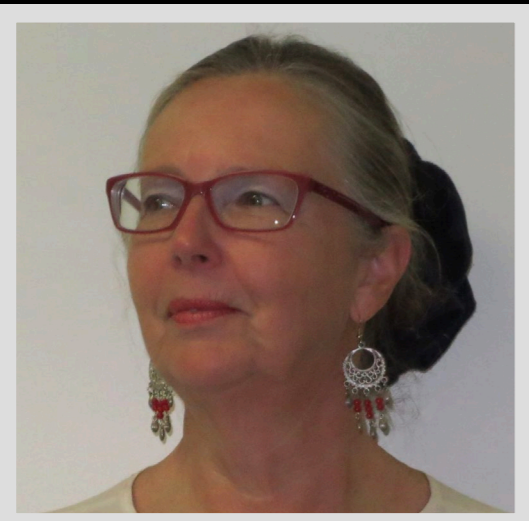
**Liollies Bailey (S)**

[New Dawn X Color Magic]

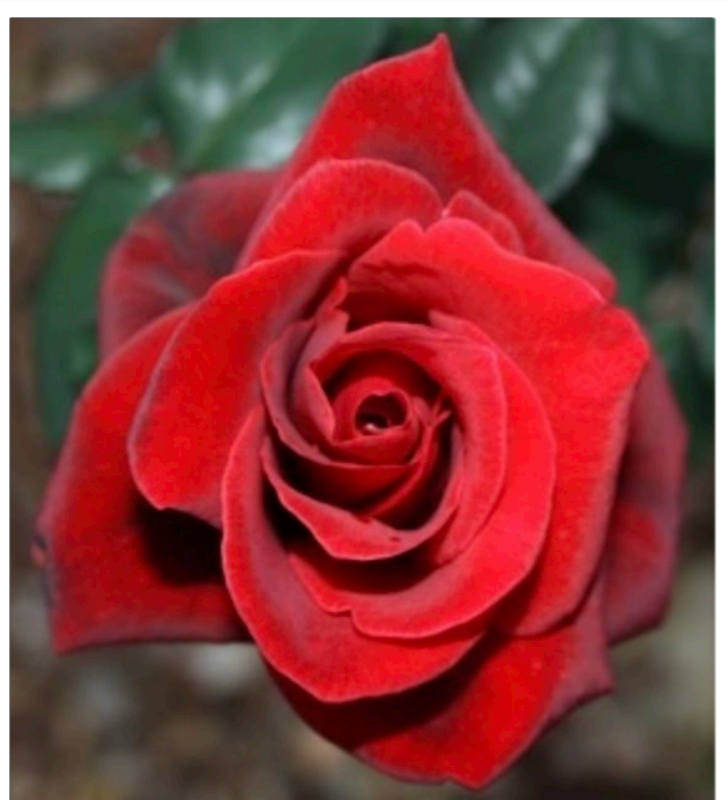


**Iridescent Pink (S)**

[Queen Elizabeth x Color Magic]



James Bailey/Linda Cluey



**Marvin Bailey**



**Margie Bailey (HT)**

[Gold Medal x Mutabilis]



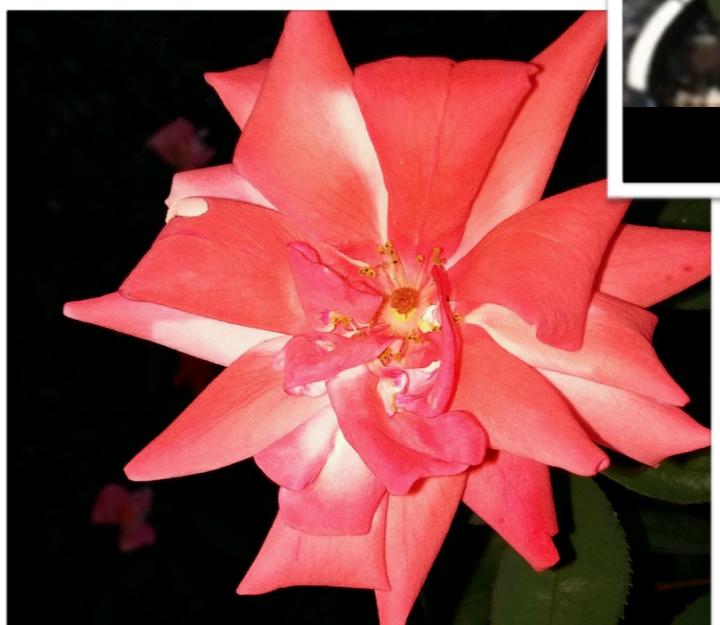
**Maggie Bailey**

[Queen Elizabeth x  
Angel Face]



**Triple Delight**

[Mrs Dudley Cross x seedling]



**Bill Bailey (S)**

[seedling x Mutabilis]



# My Seedlings



**Cyd's Compassion (T)**



**Xander (Pol)**

# Gemini Seedlings



**Gemini (HT)**



**Nottingham Lady (F)**

[Gemini x Ingrid]



**[Gemini x OP]**



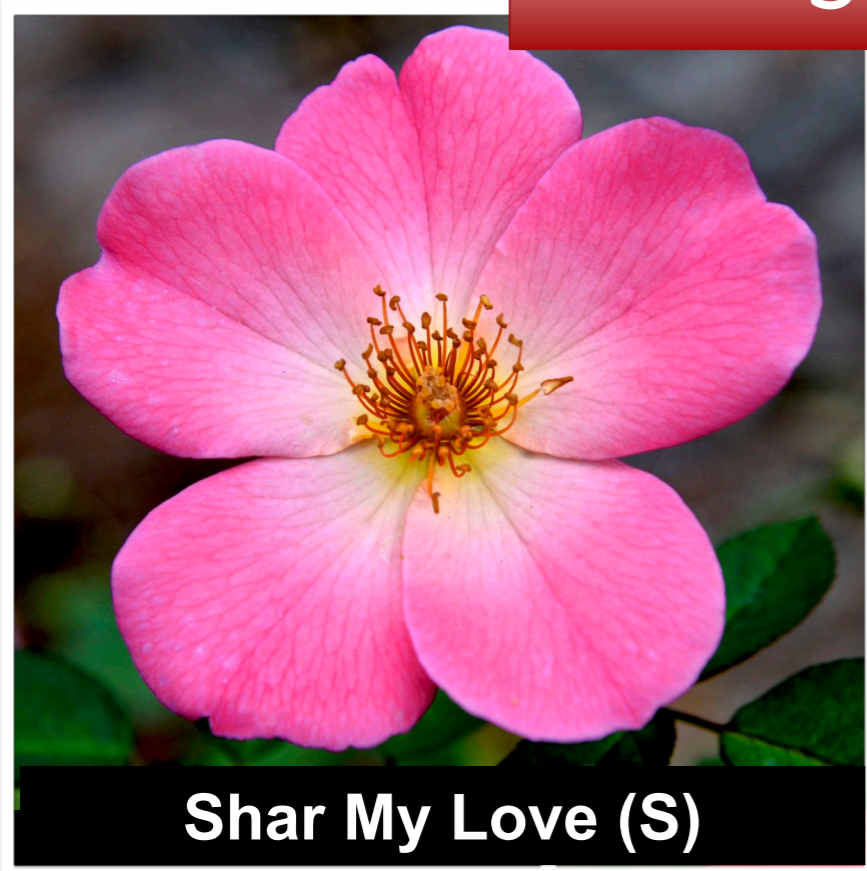
**[Gemini x Sunny Sundays]**



**[Gemini x Veteran's Honor]**



# Summer Wind Seedlings



**Shar My Love (S)**

[Summer Wind x unknown]

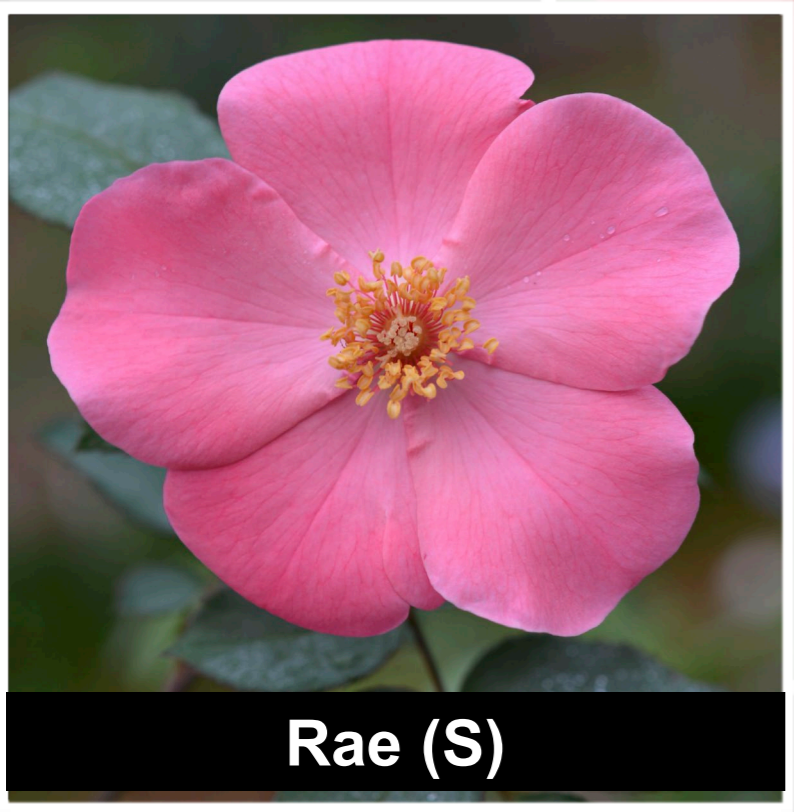


**13107**

[Summer Wind x unknown]



**Grace (S)**



**Rae (S)**

[Summer Wind x OP]



**Velvet Cabernet (S)**

[Paul Ecke x OP]



**Debbie's Delight (S)**

[Summer Wind x Summer Wind]

# Chuckles Seedlings



15061



Kristina (MinFI)



15045  
aka:  
Betty  
Brown



15084

es



Kinda Sexy (MinFI)

# Excite Seedlings



**Excite (HT)**



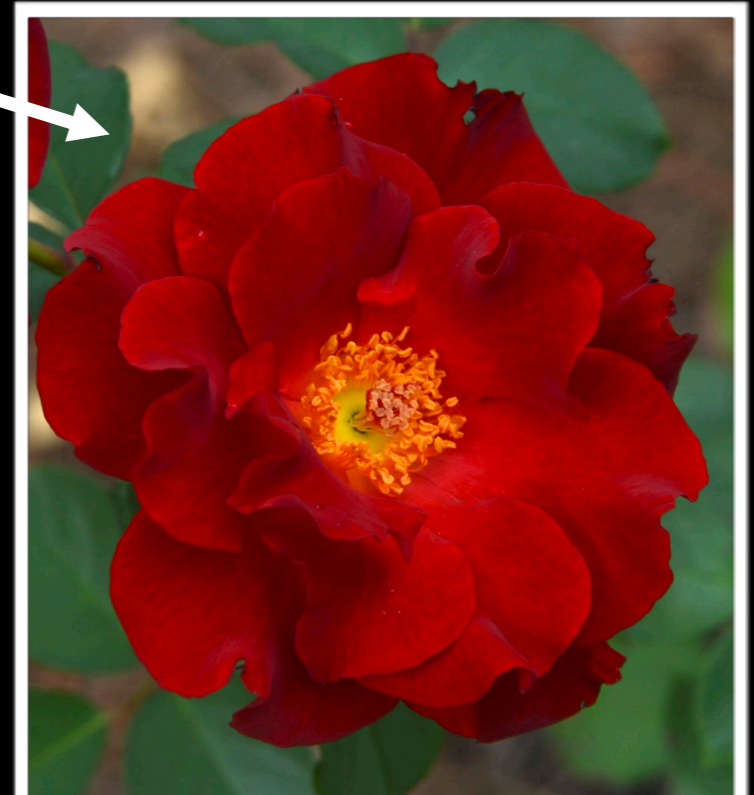
**My Desire (HT)**

[Excite x Dainty Bess]



**Scarlet Lady (LCI)**

[Excite x OP]



**Rhapsody in Red (S)**

[Excite x Excite]

# First Kiss Seedlings



**Carol's Obsession**

[First Kiss x unknown]



**un (F)**

[First Kiss x unknown]



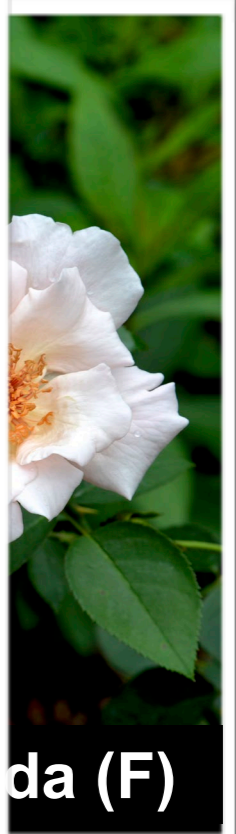
**Can't Wait**

[First Kiss x Undisclosed]



**First Kiss (F)**

[First Kiss x Unknown]



**da (F)**

[First Kiss x Unknown]

# Princess Alexandra of Kent Seedlings



**15001 (Unnamed)**

[Princess Alexandra of Kent x OP]



**Citrus Carrousel (S)**

[Princess Alexandra of Kent x  
Citrus Burst]



**Crimson Lady (S)**

[Princess Alexandra of Kent x OP]



**Happy Girl (S)**

[Princess Alexandra of Kent x OP]



**Princess Alexandra of Kent**

**17019 (Unnamed)**

[Princess Alexandra of Kent  
x Sunny Sundays]



**Fragrant Breeze (S)**

[Princess Alexandra of Kent x OP]

# Other Seedlings



**Little Bess (S)**

[Fashion Statement x unknown]



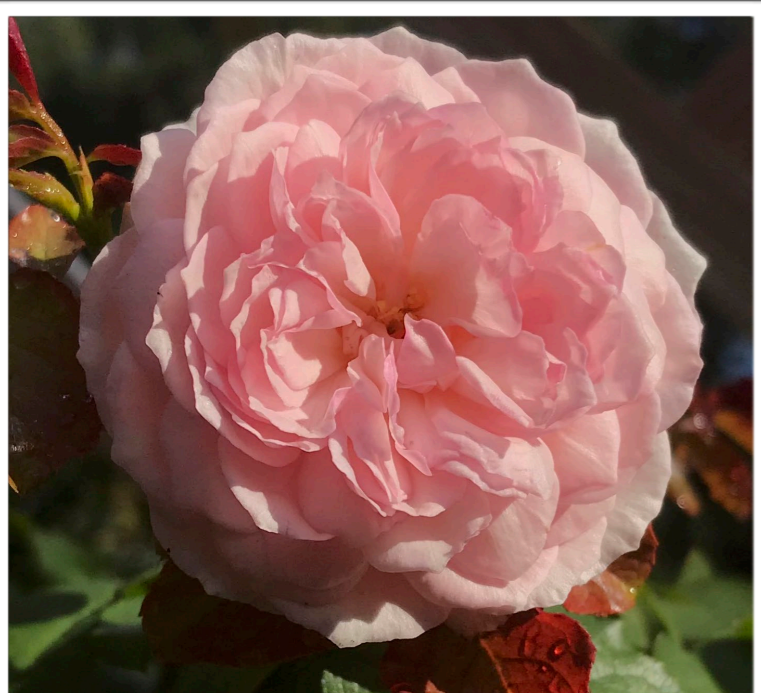
**Redolence (S)**

[Richard's Rose x unknown]



**Cyd's Compassion (T)**

[Marie van Houtte x  
Marie van Houtte]



**Precocious (S)**

[Ambridge Rose x OP]



**15050 Vincent Godsiff seedling**



**Vanilla Dream (HT)**

[Moondance x Hopie Girl]

# Other Seedlings



**Citrus Spice (LCI)**

[Fourth of July x Citrus Burst]



**15014 Unnamed (S)**

[Windermere x  
Sentimental™]



**17006 Unnamed (S)**

[Princess Alexandra of Kent x  
Sunny Sundays]



**13131 Unnamed (T)**

[Marie Van Houtte x OP]



**Midnight Star (S)**

[Paul Ecke Jr. x OP]



**14001 Unnamed (S)**

[Paul Ecke Jr. x OP]



**Arthur of Newberry (T)**

[Marie Van Houtte x OP]



**Nottingham Noisette (N)**

[Morgan Spring x OP]

# Propagation

Misting Box





# Record Keeping

**First year a detailed spreadsheet**

**Now photo records with labels**

# Registering new varieties

**Modern ROSES** Search Rose Registration Roses In Review

Hello a.whitcomb@icloud.com! Log off

Name(s)

Approved Exhibition Name (AEN)

Registered Name

Synonyms

Hybridizer Search

Name (Last Name, First Name OR Last Name Only)

Address

City

State

Postal Code

Country

Phone

Fax

Introducer Search

Name (Last Name, First Name OR Last Name Only)

Address

City

State

Postal Code

Country

Phone

Fax

Upload Rose Image: no file selected

ARS Classifications

Horticultural Class

ARS Color Class

Flower Details

Upper Petal Surface

Under Petal Surface

Petalages

Single (4-8)

Semi-Double (9-16)

Double (17-25)

Full (26-40)

Single (4-8)

Relative Flower Size

Actual Flower Size

Fragrance Intensity

Fragrance Description

Bloom Habits

Mostly Solitary

Small Clusters

Medium Clusters

Large Clusters

Prickles

Prickle Size

Prickle Shape

Prickle Color

<https://modernroses.rose.org/RoseRegistration/EditPending>

# Where Can You Buy These Roses?

**Cool Roses**

**Rose Petals Nursery**

**A Reverance for Roses**

**For Love of Roses**

# Amateur Rose Hybridizing in the *Deep South District*

# THE END

