

Underutilized and Fantastic Woody Plants: Shrubs!

Gary Knox

North Florida Research and Education Center - Quincy



the
KNOCK
SOUTH
family of roses
MONROVIA
HORTICULTURAL CRAFTSMEN SINCE

Southern Living
plantcollection
Superior plants for southern gardens.®

star
ROSES & PLANTS
Plant a Star®

PW
PROVEN
WINNERS®
GARDENER'S
Confidence
COLLECTION
Grape Myrtles

CR PanAmericanSeed.

Endless
COLLECTION

DAVID AUSTIN® ROSES

BLACK D
CRAPEN

Ball
HORTICULTURAL COMPANY

ROSAIE PLANTE

Southern

Sunset
Western Garden
COLLECTION

star
ROSES & PLANTS

Ball Seed

IS

BALLEE

Earth-Kind
PLANT COLLECTION

Plant Develo

Garden Debut.

odsi
Plant Development Services Inc.

UF | IFAS
UNIVERSITY *of* FLORIDA

GFB 
Gardening Friends
of the Big Bend, Inc.



Gardens of the Big Bend

Crapemyrtle Genotype × Environment Interactions, and Trait Stability for Plant Height, Leaf-out, and Flowering

Cecil T. Pounders^{1,5}

USDA-ARS, Thad Cochran Southern Horticultural Laboratory, 810 Highway 26 West, P.O. Box 287, Poplarville, MS 39470

Eugene K. Blythe²

Mississippi State University, Coastal Research and Extension Center, South Mississippi Branch Experiment Station, Poplarville, MS 39470

Donna C. Fare³

USDA-ARS, U.S. National Arboretum, Otis L. Floyd Nursery Research Center, McMinnville, TN 37110

Gary W. Knox⁴

Department of Environmental Horticulture, University of Florida, North Florida Research and Education Center, Quincy, FL 32351

Jeff L. Sibley⁴

Department of Horticulture, Auburn University, Auburn, AL 36849

Research

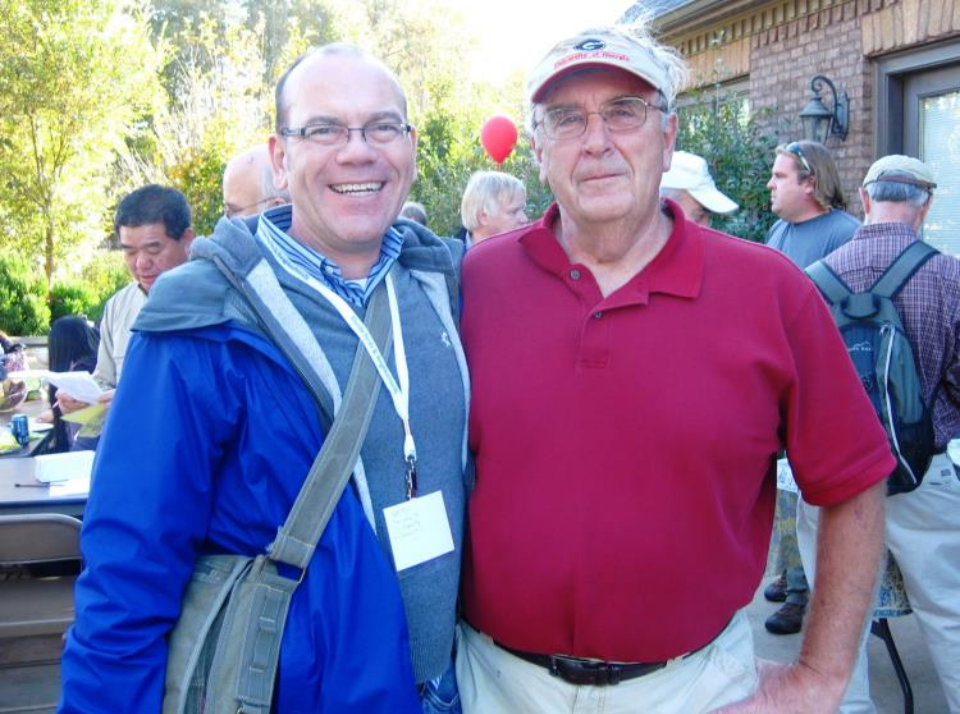
Susceptibility of Crape Myrtle, *Lagerstroemia indica* L., to the Crape Myrtle Aphid (Homoptera: Aphididae) in North Florida¹

Russell F. Mizell III and Gary W. Knox

North Florida Research and Education Center, Route 4, Box 4092
Monticello, FL 32344-9302

J. Entomol. Sci. 28(1):1-7 (January 1993)





Plant People





Volunteer Support

Members of *Gardening Friends* actively volunteer at NFREC and raise funds to develop and maintain Gardens of the Big Bend

Gardens of the Big Bend



	No.
Magnolia Garden	200+
Crapemyrtle Planting	135
Discovery Garden	300
Dry (Xeric) Garden	140
Conifer/Cycad Garden	55

UF-NFREC in Quincy, FL: *Gardens of the Big Bend*



Plant/Garden Resources

Demonstration Gardens in the University of Florida Cooperative Extension Service¹

Sydney Park Brown, Kim Taylor, Emily Eubanks, and Caraline Stephens²

The University of Florida Institute of Food and Agricultural Sciences Extension Service (UF/IFAS Extension) supports a network of demonstration gardens throughout the state. These gardens showcase plants and practices appropriate for their locations and are open to the community free of charge. Learning opportunities abound for home gardeners and landscape professionals on design, planting,

information about the nine FFL principles, visit <http://fyn.ifas.ufl.edu/>.

Listed below by county are the UF/IFAS Extension demonstration gardens. Many are located at county Extension offices or UF/IFAS Research and Education Centers, while others are situated elsewhere in the community.



Generally Available

- Can be found at many garden centers and "big box" stores
 - Branded, trademarked or patented plants with big marketing campaigns
 - Mass produced through tissue culture
 - Common yet not used enough



***Dyckia* spp. 'Grape Jelly'**



***Dyckia* spp. 'Grape Jelly'**

Dyckia





Soft Caress® Mahonia



Muhly Grass:

- Purple Haze
- Fast Forward
- Morning Mist
- Morning Cloud

Camellia October Magic® Series

- Sasanqua-type hybrids
 - Orchid*



Camellia October Magic[®] Series

- Sasanqua-type hybrids
 - Orchid, Rose*, Magic Carpet, Bride, Dawn, Ivory*, Ruby, Snow





Rose-of-Sharon or Althea:

- Z 7-9
- FS-PS
- Tolerant of drought, heat and all but wet soils



Rose-of-Sharon or Althea:

- Sugar Tip®
- Blueberry Smoothie®
- More on the way

Rose-of-Sharon or Althea:

■ Lil Kim® & Blue Chiffon®



Oakleaf Hydrangea:

- Ruby Slippers – white flowers turn pink
- Munchkin – white flowers turn pink
- Queen of Hearts – white flowers turn pink
- Pee Wee – compact (shown below)



Chastetree or Vitex



Chastetree or Vitex:

- Lots of breeding
- New releases are compact and floriferous:
 - Pink Pinnacle®
 - Daytona Heat®
 - Danica Pink
 - Petty Blue
 - Dale White
- More on the way . . .

New! Dark-leaved Crapemyrtles



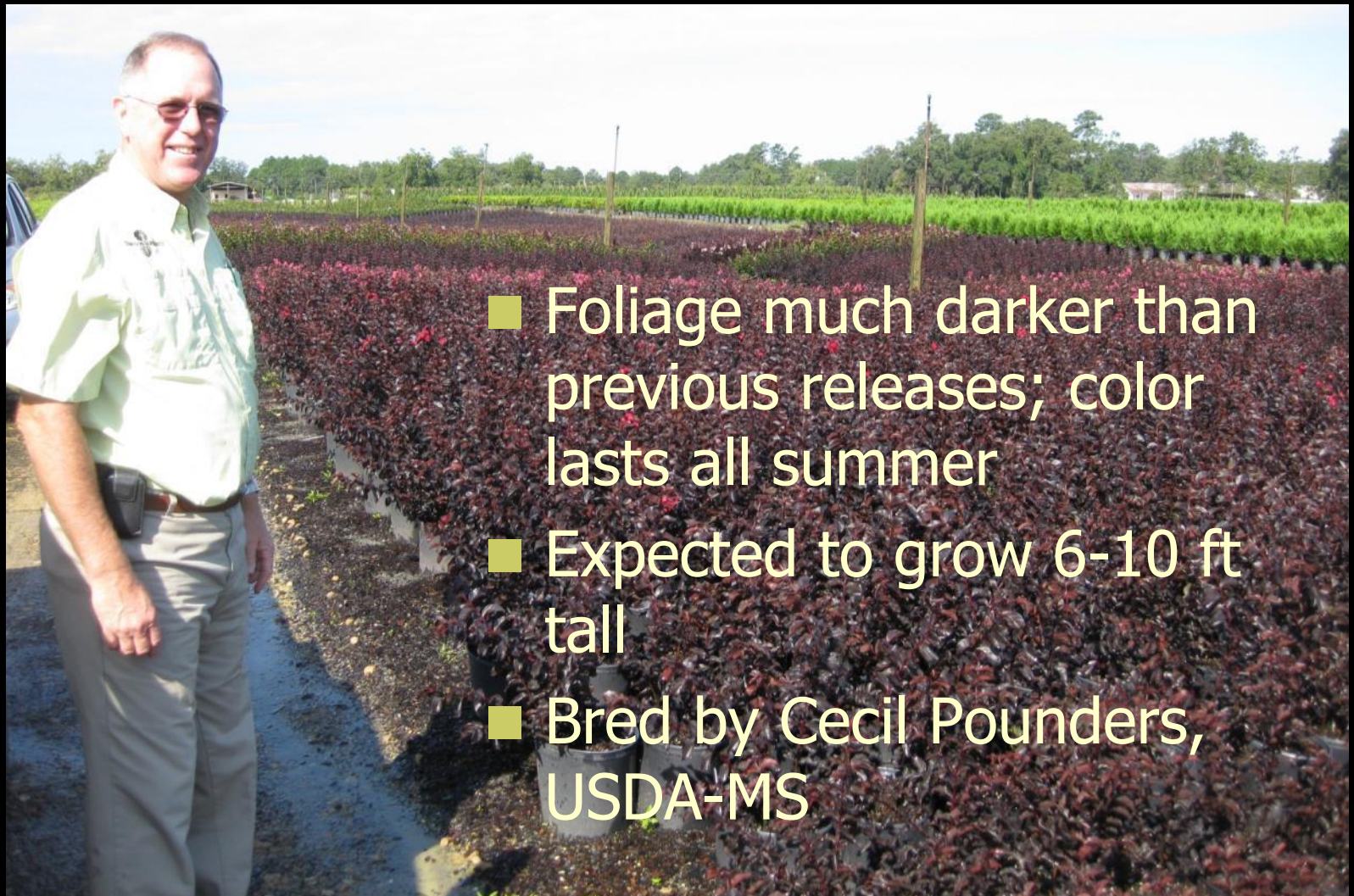
Magic – Ebony – Delta Jazz

Delta Jazz® & Delta Series

- Also Delta Eclipse™,
Delta Breeze™,
Delta Flame™



Ebony = Black Diamond™



- Foliage much darker than previous releases; color lasts all summer
- Expected to grow 6-10 ft tall
- Bred by Cecil Pounders, USDA-MS

Ebony = Black Diamond™

- Ebony: Glow, Fire, Flame, Embers
- Ebony and Ivory



First Editions® Magic™

- Moonlight Magic™
- Midnight Magic™





Other New Crapemyrtle Series

- Razzle Dazzle™
- Enduring Summer™
- Barnyard Favorites™
- Early Bird™
- Princess™



'Ann' Magnolia



- Also 'Jane', 'Betty', 'Susan' and others



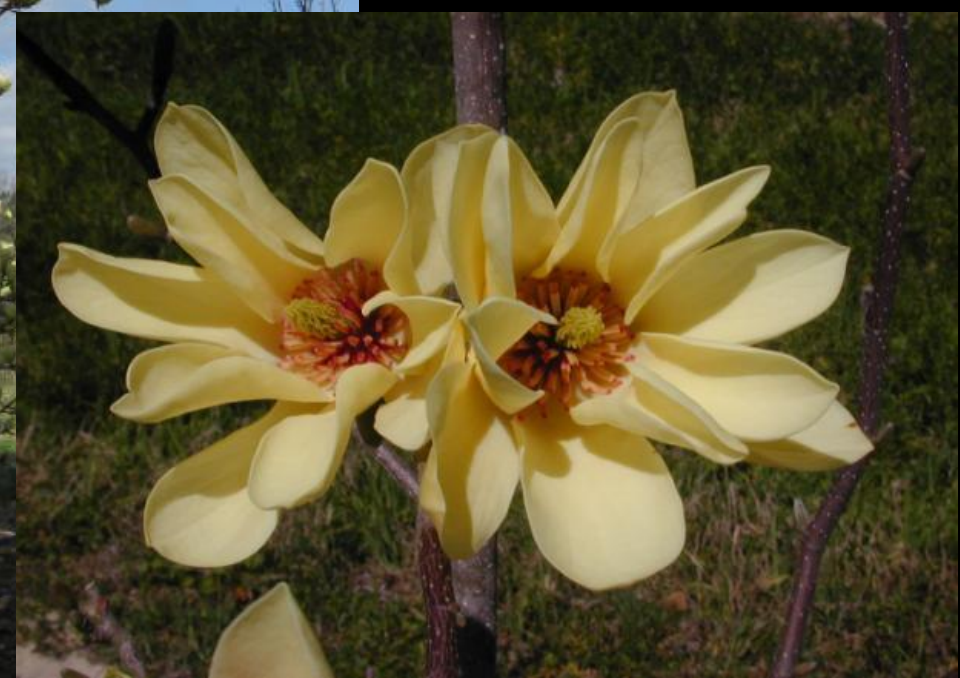


Jon Jon Magnolia

'Jon Jon' Magnolia



Butterflies



Magnolia macrophylla var.
Asheii



Magnolia macrophylla var.
Asheii



Worth the Hunt

- Can be found at some specialty wholesale nurseries, "better" garden centers and Internet/mail-order nurseries

Yellow-bells - Yellow Elder:

- Bells of Fire™
- Sangria
- More on the way





Gardenia 'Variegata'

'Elizabeth Coleman' Holly

*Ilex 'Elizabeth
Coleman'*

- Dense, dark green holly probably growing upright-rounded or pyramidal for use as a specimen or screen
- Dense berries along most stems
- Tom Dodd Jr. selection







Camellia fraterna hybrid 'Snow Blizzard'



× *Gordlinia grandiflora*

Hybrid of *Franklinia* and *Gordonia*



× *Gordlinia grandiflora*



Gordlinia 'Sweet Tea'

*Osmanthus
fragrans* var.
aurianticus





*Osmanthus
fragrans*
'Fudingzhu'
Aka
Nanjing
Beauty



Polyspora axillaris
Fried Egg Tree

Polyspora
axillaris
Fried Egg Tree



Lagerstroemia fauriei 'Fantasy' Fantasy Japanese Crapemyrtle





***'Woodlander's Chocolate Soldier
(L) & 'Townhouse' (R)***



Isn't This Cool!!!

- Perhaps available in the future, or buy from Internet/mail-order nurseries, or leverage your contacts with botanic gardens, researchers and breeders

Rostrinucula dependens Weeping False
Butterflybush





*Rostrinucula
dependens*

**Weeping
False
Butterflybush**

Queen's Crapemyrtle



Queen's Crapemyrtle Hybrids



Magnolia sapaensis





Magnolia kwangtungensis



*Magnolia
foveolata*

Magnolia foveolata



Magnolia insignis





***Magnolia
figo var.
crassipes***



Magnolia (sieboldii x insignis)



Magnolia (laevifolia x figo var. crassipes)

Magnolia
(*insignis* x
virginiana)
'Katie -O'



the
KNOCK
SOUTH
MONROVIA
family of roses
HORTICULTURAL CRAFTSMEN SINCE

Southern Living
plantcollection
Superior plants for southern gardens.®

star
ROSES & PLANTS
Plant a Star®

PW
PROVEN
WINNERS®
GARDENER'S
Confidence
COLLECTION
Grape Myrtles

CR PanAmericanSeed.

Endless
COLLECTION

DAVID AUSTIN® ROSES

Ball
HORTICULTURAL COMPANY

BLACK D
CRAPEN

ROSAIE PLANTE

Southern

Sunset
Western Garden
COLLECTION

star
ROSES & PLANTS

Ball Seed

IS

BALLEE
PLANT COLLECTION
Earth-Kind®

Plant Develo

Garden
Debut.

odsi
Plant Development Services Inc.

Underutilized and Fantastic Woody Plants: Shrubs!

Gary Knox

North Florida Research and Education Center - Quincy

