

# Wise plantings for climate adaptation from the South Carolina Botanical Gardens (SCBG)

<http://www.clemson.edu/public/scbg/index.html>

| Species   | Native to: | Description/Sources  |
|---|------------|--|
| Maypops/Passionvine ( <i>Passiflora incarnate</i> )   | SC         | Easiest to establish by collecting ripe fruit and simply throwing seeds across the landscape you want it in. Potted plants seldom do well transplanting them into the landscape.   |
| Woolly Dutchman's Pipe ( <i>Aristolochia tomentosa</i> )  | SC         | SCBG plant sales/available from numerous mail order companies if you search for Woolly Dutchman's Pipe for sale. Host for Pipevine Swallowtails.   |
| Fireworks Goldenrod ( <i>Solidago rugosa</i> 'Fireworks')   | SC         | SCBG plant sales and most garden centers and mail order outlets.   |
| Hairy-stem Spiderwort ( <i>Tradescantia hirsuticaulis</i> )   | SC         | SCBG plant sales and specialty mail order Nearly Native Nursery in Georgia offers this plant. <a href="http://www.nearlynativenursery.com/NNNCatalogCommonName.cfm">http://www.nearlynativenursery.com/NNNCatalogCommonName.cfm</a>                          |
| Butterflyweed   | SC         | SCBG plant sales and most mail order outlets and garden centers. Host for Monarchs.  |
| False Yellow Crocus ( <i>Nothoscordum sellowianum</i> )   | Argentina  | Flowers in January and February – super hardy! Smells like mothballs! Plant Delights Nursery is a good source: <a href="https://www.plantdelights.com/products/nothoscordum-sellowianum">https://www.plantdelights.com/products/nothoscordum-sellowianum</a> |
| Sinningia 'Arkansas Bells'  | Argentina  | Excellent for dry shade, flowers all growing season. SCBG plant sales and Plant Delights: <a href="https://www.plantdelights.com/products/sinningia-arkansas-bells">https://www.plantdelights.com/products/sinningia-arkansas-bells</a>                      |
| Texas Sundrop   | TX         | Excellent all-season color, compact sub- shrub filled with yellow flowers. Needs well- drained soils. SCBG plant sales.  |
| Globemallows ( <i>Sphaeralcea spp.</i> )  | SW USA     | Excellent brilliant orange or peach flowers spreads and needs loose, well-drained soils (CLEMSON ORANGE!). Available at SCBG plant sales.  |
| Wright's Pavonia ( <i>Pavonia lasiopetala</i> )   | TX         | Beautiful large, bright pink "hibiscus" flowers, thrives in most soil types, never needs extra water and flowers all year. Available at SCBG plant sales and from Plant Delights nursery.  |
| Salvias! ( <i>Salvia microphylla</i> ; <i>Salvia greggii</i> ; <i>Salvia darcyi</i> ; <i>Salvia reptans</i> ) | SW USA     | Available at most nursery centers and from the SCBG plant sales and most mail order outlets.   |
| Texas Rose Skullcap ( <i>Scutellaria suffrutescens</i> )  | SW USA     | Incredible compact pink (Texas) and violet (Wright's) flowers on a short plant that doesn't run. Available from SCBG plant sales.  |
| Wright's Skullcap ( <i>Scutellaria wrightii</i> )   | SW USA     | Incredible compact pink (Texas) and violet (Wright's) flowers on a short plant that doesn't run. Available from SCBG plant sales.  |
| Snake Herb ( <i>Dyschoriste linearis</i> )  | SW USA     | Compact purple flowers and great form, grows in virtually any soils. Available from SCBG plant sales.  |
| Lemoncillo ( <i>Pectis papposa</i> )  | SW USA     | Short beautiful annual covered with yellow flowers. Used as a garnish with flavor like lemongrass! Available from SCBG plant sales.  |
| American Batchellor's ( <i>Centaurea Americana</i> )  | SW USA     | Huge pink and white flowers - short-lived. Button perennial or annual species. Available at SCBG plant sales.  |
| Smooth Catchfly ( <i>Silene subciliata</i> )  | TX         | Brilliant red flowers like Firepink but long lived and super hardy in most soils for us. Available at SCBG plant sales.  |
| Hummingbird Bush ( <i>Anisacanthus quadrifidus</i> )  | TX         | Covered with red flowers - attract hummers and tons of butterflies! Everyone var. <i>wrightii</i> needs one of these super-durable short shrubs! Available at SCBG plant sales and from Plant Delights Nursery.  |

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| Texas Turkscap ( <i>Malvaviscus drummondii</i> )  | TX                   | Red flowers late spring through frost. Hummingbird and butterfly plant. Very tolerant of all soil moistures and heat. Cold hardy through zone 7a. Available from Woodlanders and sometimes other mail order companies. <a href="https://www.woodlanders.net">https://www.woodlanders.net</a> |
| Coral Beans ( <i>Erythrina flabelliformis</i> (z. 8a); <i>Erythrina herbacea</i> (z. 8a); <i>Erythrina x bidwillii</i> (z. 7b)  | AZ; SE; South Africa | Red flowers summer through fall, spring on <i>E. herbacea</i> . Hummer plant, all die to ground in our climate during winter Available from SCBG plant sales, and Woodlanders. <a href="https://www.woodlanders.net">https://www.woodlanders.net</a>   |
| Soapwort Aloe 'Dallas' ( <i>Aloe saponaria</i> ) (z. 8a)  | S. Africa            | Red flowers fall-spring; any time of year may flower. Hummer and butterfly plant. The most cold-hardy <i>Aloe</i> . Available from SCBG plant sales.   |
| False Red Aloe ( <i>Hesperaloe parviflora</i> )   | TX                   | Red flowers spring-frost; highly tolerant of moisture. A very tidy plant without overwhelming succulent foliage. Hummer plant. Available from most retail outlets.   |
| Esperanza 'Hope' ( <i>Tecoma angustifolia</i> 'Hope')   | TX                   | Incredible winter hardy selection by SCBG Great pollinator plant. Dies to the ground (z. 7b when mulched) during winter. Flowers May-Frost. Available at SCBG plant sales.   |
| White Sagebrush 'Silver Cloud' ( <i>Artemisia ludoviciana</i> 'Silver Cloud')   | TX                   | SCBG selection, tight, incredible form and foliage. Vigorously spreads so be prepared (z. 6b) to prune out or contain. Tolerant of moisture. Very dramatic.  |
| Cenizo/Texas Ranger ( <i>Leucophyllum frutescens</i> (z. 7b)  | TX                   | Incredible shrub with evergreen foliage and dramatic bursts of flowering following rain. April-frost flowering. Available at most retail outlets.  |
| Monterey Rain Sage ( <i>Leucophyllum langmanniae</i> (z. 7b)  | Mexico               | Incredible shrub with evergreen foliage and dramatic bursts of flowering following rain. April-frost flowering. Available at most retail outlets.  |
| Velvetpod Mimosa ( <i>Mimosa dysocarpa</i> (z. 7b)  | TX                   | A party in the garden for July-September. Has prickles. Dies to ground most winters.   |
| Fairy Duster ( <i>Calliandra eriophylla</i> (z. 8a)   | AZ                   | Flowers with incredible "pom-poms" April frost. Thornless. Needs perfectly drained soils. Small numbers available from SCBG plant sale.  |
| Shreber's Acacia ( <i>Acaciella schreberi</i> (z. 7b)   | AZ                   | Incredibly rare and choice plant for the garden. Flowers May-frost. Thornless. Open, feathery foliage with large clusters of white "pom-poms" that are attractive to pollinators. Available at SCBG plant sale.  |
| Millfoil Wattle ( <i>Mariosousa millefolia</i> (z. 8b)  | AZ                   | The most remarked upon plant in our desert garden. Marginally cold hardy in Clemson. Thornless, beautiful foliage and long feathery plumes of flowers from July-frost.   |
| Western Muhly Grasses (z. 7a) ( <i>Muhlenbergia lindheimeri</i> ; <i>Muhlenbergia dubioides</i> ; <i>Muhlenbergia ringens</i> ; <i>Muhlenbergia emersleyi</i> ; <i>Muhlenbergia dubia</i> <i>Muhlenbergia frondosa</i> ; <i>Muhlenbergia rigida</i> ; <i>Muhlenbergia reverchonii</i> ; <i>Muhlenbergia porteri</i> ) | TX/AZ                | Dramatic accent and structural plants that are well-adapted and easy to cultivate in SC. Excellent choices for banks and replacing <i>Miscanthus</i> or Pampas Grass.  |