



Southern Gardens Series

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Pre-1850 Substitutes

In the May 2001 newsletter we offered a master list of the 130 pre-1850 species of flowers and shrubs currently growing in Westville's gardens. Beyond those, we offer here a list of additional period flowers which could be substituted. I have indicated those grown at Thomas Jefferson's Monticello by (TJ), and those grown at George Washington's Mount Vernon by (GW).

Amaranthus caudatus	Love-lies-bleeding (TJ, MV)
Amaranthus tricolor	Joseph's Coat (TJ, MV)
Anemone coronaria	poppy flowered anemone, or windflower (TJ, MV)
Antirrhinum officinalis	pasque flower (TJ)
Antirrhinum majus	snapdragon (TJ)
Aquilegia canadensis	common snapdragon (TJ, MV)
Aquilegia vulgaris	wild columbine (TJ, MV)
Arabis alpina	* * *
Aster novae-angliae	rock cress (TJ, GW)
Aurinia saxatilis	New England aster (GW)
Belamcanda chinensis	Basket-of -gold (GW)
Calendula officinalis	blackberry lily, "Chinese Ixia" (TJ)
Callistephus chinensis	calendula, pot marigold (TJ, GW)
Campanula medium	China aster (GW)
Catharanthus roseus	Canterbury bell, bellflower (TJ)
Celosia cristata	rose periwinkle (GW)
Centaurea macrocephala)	crested cockscomb (TJ, GW)
Cheiranthus Cheiri	globe centaurea (TJ)
Chimaphila maculata	wallflower (GW)
Cleome Hasslerana	spotted wintergreen dragon's tongue (TJ)
Consalida orientalis	spider flower (GW)
Consolida ambigua	larkspur, double pink, double white (TJ)
Crocus vernis	rocket larkspur (GW)
Cypripedium acaule	Dutch crocus (TJ, GW)
Cypripedium calceolus var	pink Lady Slipper, 'Mockaseen'(TJ)
pubescens Delphinium	yellow Lady Slipper (TJ)
exaltatum	American larkspur (TJ)
Dianthus caryophyllus	carnation (TJ)
Dianthus chinensis	China pink, "Indian Pink" (TJ)
Dianthus plumaris	clove pink(TJ)
Dictamnus albus	gas plant, "Fraxinella"(TJ)
Echinops Ritro	globe thistle (GW)
Fritillaria imperialis	crown imperial (GW)
Galanthus nivalis	snowdrop (TJ, GW)
Gladiolus communis	gladiolus (species) (TJ)
Glaucium flavum	yellow-horned poppy (M)
Gomphrena globosa	globe amaranth (TJ, GW)

Helianthus divaricatus	wild sunflower (TJ)
Heliotropium arborescens	heliotrope (TJ, GW)
Hemerocallis flava	lemon lily (TJ)
Hesperis matronalis	sweet rocket (GW)
Hemerocallis fulva	orange daylily (GW)
Hyacinthus orientalis	hyacinth (GW)
Hypoxis hirsuta	yellow star-flower (TJ)
Impatiens Balsamina	balsam (TJ, GW)
Ipomoea quamoclit	cypress vine (species) (TJ)
Iris germanica	German or bearded iris, "Flag" (TJ, GW)
Iris sibirica	Siberian iris (GW)
Iris xiphium	Spanish iris (TJ), or Dutch iris (GW)
Lathyrus latifolius	everlasting pea (TJ)
Lathyrus odoratus	sweet pea ("Painted Lady") (TJ)
Lavatera olbia	tree lavatera, "the shrub marshmallow"(TJ)
Laverta thuringiaca	* * *
Lillium candense	Canadian lily, "Canada martagon" (TJ)
Lillium candidum	Madonna Lilly, "white lily" (TJ, GW)
Lillium superbum	Turk's cap lily, "Alleghany martagon" (TJ)
Lobelia cardinalis	cardinal flower (TJ, GW)
Lobularia maritima	sweet alyssum (GW)
Lychnis chaldedonica	Maltese Cross, "scarlet lychnis" (TJ, GW)
Lychnis Flos-cuculi	Ragged Robin (GW)
Malva sylvestris	cheeses mallow, "French mallow"(TJ)
Matthila incana	stock, "Gilliflower" (TJ, GW)
Nigella sativa	nigella, "Nutmeg Plant (TJ, GW)
Mertensia virginica	Virginia bluebell or cowslip (TJ, GW)
Mimosa pudica	sensitive plant (TJ)
Mirabilis longiflora	sweet four 'clock' (TJ)
Mirabilis Jalapa	four o'clock (GW)
Momordica balsamna	balsam apple (TJ)
Monarda fistulosa	wild bergamot (GW)
Nepeta Mussinii	catmint (GW)
Ornithogalum nutans	silverbell (GW)
Ornithogalum umbellatum	silverbell (GW)
Ornithogalum umbellatum	Star of Bethlehem (GW)
Paeonia officinalis	peony ("Alba Plena") (TJ, GW)
Papaver rhoeas	corn poppy, "dwarf poppy," "lesser poppy" (TJ)
Papaver somniferum	Oriental poppy (GW)
Physalis alkekengi	geranium (TJ)
Polyanthes tuberosa	Chinese lantern, "European winter cherry" (TJ)
Primula auricula	tuberose (TJ, GW)
Primula vulgaris	auricula
Ranunculus asiaticus	English primrose, Hose-in-Hose, double white (TJ, GW)
Reseda odorata	Persian buttercup (TJ)
Scilla bifolia "Rosea"	mignonette (TJ)
Solanum pseudocapsicum	squill (GW)
Stachys byzantina	Jerusalem cherry (TJ)
Swertia caroliniensis	wooly Betony (GW)
Tagetes erecta	"American columbuii" (TJ)
Tagetes patula	
Tropaeolum majus	
Tulipa sp.	

Tulipa Gesneriana	African marigold (TJ, GW)
Trollius europeus	French marigold (TJ, GW)
Zephyranthes atamasco	nasturtium (TJ, GW)
Zinnia angustifolia	tulip (TJ)
Zinnia peruviana	tulip (GW)
Verbesina enceliodes	globeflower (TJ)
	atamasco lily (TJ)
	Augustifolia zinnia (GW)
	Peruvian zinnia (GW)
	golden crownbread, "Ximenesia Enceliodes"

Additional Period flowers

Some in this list duplicate those grown by Jefferson and Washington, but most are additional possibilities gleaned from three books--Early American Gardens (1970); American Gardens in the Eighteenth Century (1976); American Gardens in the 19th Century (1987)--by Ann Leighton. U. Mass Press. Since the 19th-century list covers the entire century, and pre-1850 varieties are not singled out by Leighton, I have indicated which were known to be as early as the 18th century in parentheses (18). Also, I have put the common names first in this list. I have repeated a few grown at Westville, or Monticello, or Mount Vernon when Leighton provides information about origins and dates of introduction.

agave (18) - Century plant

ageratum

amaryllis (18)

anemone known to Greeks, Persians; "Japanese" anemone sent to England in 1844 by Robert Fortune, who saw them growing on Chinese tombs

astilbe means without brilliance; disc. in China in 1860

autumn crocus

balloon flower Platycodon campanulaceae Chinese type first described by German professor in court of Catherine the Great. Japanese type disc. by Charles Maries (no date)

bee balm (18) Monarda didyma

[**begonia** not important garden flower until 19th century, many available around 1865]

blazing star (18) Liatris scitata

bleeding heart from China after 1842

bluebell also called Virginia bluebell, English bluebell, Spanish hyacinth, scilla; Mertensia virginica, etc. Virginia bluebell sent back to Europe from American colonies

butterfly weed, butterfly bush, or summer lilac Buddleia loganiaceae; shrub type Buddleia globosa intro to England from Peru 1774. The hardy buddleia intro. later from Asia. Buddleia davidii sent to Kew in 1887]

burning bush, or Wahoo (18) Euonymus atropurpurea

candleberry (18) Myrica cerifera

camellia first sent to England in 1705. Arrived in America in late 18th cent.

cassia (18) Cassia fasciculata, or Georgia Cluster Pea, or Partridge Pea

cassia (18) Cassia marilandica, or Wild Senna

China aster

Chinaberry tree (18)

chrysanthemum columbine (18)

Crabapple (18)

cross vine (18) *Bignonia capreolata*
cyclamen (18)
dahlia
deutzia [note: Leighton is wrong on date--mentioned in 1854 by American letter to Natchez Daily Courier; see Stritikus article]
American larkspur (18) *Delphinium nuttalianum* Oregon and northern Calif. *D. exaltum*
D. carolinianum *D. ajacis* (annual English garden) [gigantic hybrids came later]
eggplant (18)
evening primrose American native, into Europe in 17th
everlasting flower *Helichrysum compositae*
flowering almond (18) *Prunus tribola*
foxglove(18) *Digitalis*
genseng (18) *Panax quinquefolium*
geranium (18) formerly *Pelargonium*. S Africa, late 18th
gladiolus
loxinia
hollyhock
horminum sage
hyacinth
hydrangea intro 1788
[**Impatiens sultanii** "Busy Lizzie" in England sent to Europe from Zanzibar in 1865]
ixia (18)
kalmia (18)
kerria intro to England by William Kerr, sent from Kew to China by William Banks
Lobelia blue lobelia from South Africa in 1800s *Lobelia cardinalis*, native to North America. *Lobelia siphilitica*
Jerusalem artichoke (18)
Joe-pye weed (18) *Eupatorium purpureum*
leucothoe (18)
liverwort (18) *Hepatica tribola*
lobelia (18) *L. cardinalis* and *syphilitica*
love-in-a-mist (18) *Nigella damascena*. Jefferson's nutmeg. Fennel flower"
lupines (18) (see p. 450)
mayapple (18) *Podophyllum peltatum*
majorum
marigold (18) *Calendula officinalis*. With discovery in Mexico of *Tagetes erecta*, called "French marigolds," calendulas became "pot marigolds"
"myrtle" (18) common name for *vinca major* and minor
nasturtium (18) *Tropaeolum majus*. "Indian cress"
okra (18) *Hibiscus esculentus*; wild in West Indies
oleander (18) *Nerium oleander*
pansy (18) *Viola tricolor*
papaw (18) *Asimina tribola* (American) "Custard apple"
passion flower (18) *Passiflora incarnata*, and *lutea*
penstemon
petunia (19)
creeping phlox *Phlox subalta*
pomegranate (18) *Punica granatum*
Pride of China tree (18) *Melia azederach*
privet
purple coneflower *Echinea purpurea*
pyracantha , or firethorn (18) *P. coccinea*

rose campion (18) *Lychnis coronaria*
rose of Sharon (18) *Hibiscus syracus*
rosemary (wild) (18) *Ledum palustre*
rhubarb (18) *Rheum rhaponticum*
sassafras (18) *Laurus sassafras*
snowflake (18) *Leucojum vernum*
sourwood tree *Olydendrum arboreum*
scabiosa
spiderwort
strawflower
Texas sage
tulip tree
viburnum *Viburnum tinnis*
Virginia sweetspire *Itea virginica*
weeping willow (18) *Salix babylonica*
white campion (18) *Lychnis alba*
wild ginger (18) *Asarum*
witchhazel (18)
zinnia (species) *Z. multiflora*; from Mexico; in gardens in late 18th
California poppy was cause of Spanish calling California the "Golden West." Poppy taken back to Russia around 1818

Trees and plants known to be in the South by 1855 as mentioned in Cotton Planter Vol.3 (1855):381-4. [see article by George R. Stritikus, extension horticulturist, Auburn U. in Magnolia: Bulletin of the Southern Garden History Society XII.4(Fall 1996). Letter containing info originally published as letter to the editor, Natchez Daily Courier, Oct 24, 1854.]

Laurier Amandier *Cerarus Caroliniensis*
myrtles (probably wax myrtles)
China tree (may be Chinaberry tree)
water oak
live oak
cork oak *Quercus suber* holly-leaved oak cut-leaved turkey oak (may be *Quercus laevis*)
Imperial Paulownia varnish tree (*Stericluia platynifolia*); modern name *Firmiana simplex*
croton tree [i.d not certain]
everlasting China [i.d not certain]
flowering acacia (*Acacia julibrissin*); modern name *Albizzia julibrissin*
scarlet maple
ash-leaved maple, or box elder (*Negundo*)
Southern cypress
weeping willow (*Salix babylonica* 'Crispa' or sometimes 'Annularis' introduced 1730.;the more commonly seen *Salix matsudana* 'Tortuosa' not introduced until 1923
ginko *Ginko biloba*
double-flowering peach
pecan
mountain ash, or Rowan tree
large-leaved magnolia *M. macrophylla*, *Magnolia grandiflora*,
Ilex holly *Ilex vomitaria*
"long-leaf or Old-field pine" (long-leaf is *Pinus palustris*; old-field is Loblolly or *Pinus taeda*)

Norway spruce *Picea abies*
red cedar *Juniper virginiana* (actually a juniper--ie., has berries, not cones)
Great Indian Cedar *Cedrus deodora*
Cedars of Lebanon
Cryptomeria Japonica
Cunninghamii Sinensis
Chili pine *Arancaria imbricata*
American arbor vita *Thuja occidentalis*
viburnum *Viburnum tinus* var. 'Lucidum'
viburnum tinus
photynia Japanese Hawthorn or smooth-leaved photynia (mod. Japanese photynia
Photynia glabra)
holly-leaved photynia *P. serrulata*
pittisporums, evergreen and variegated
fragrant olive, or tea olive *Olea fragrans*
Chinese privet *Ligustrum lucidum* wax-leaved privet
Japan plum *Eriobotryia (Meapilus) Japonica*; modern name *Eriobotryia Japonica*, or
Loquat
Cape jessamine *gardenia* (modern name)
dwarf gardenia *Gardenia radicans*
Fortune's new Chinese gardenia *Gardenia fortunei*
Fringe Tree ,or Venetian sumac, or Mist tree (Fringe tree or Grancy Greybeard is
Chionanthus virginicus; but could be lilac-chaste tree, *Vitex agnus-castus*)
deutzia
crape myrtle
double-flowering pomegranates
forsythias
honeysuckles
lilacs
snowballs
syringas (or Mock Orange) (native is *Philadelphus inodorus* and has no fragrance;
Philadelphus coronarius looks like native but is strongly scented)
ivy
broom (probably Scotch broom *Cytisus scoparius*)

Period Medicinal Plants

Sorrell *Rumex acetosa*
Coriander
Camomile
Comfrey
Maidenhair fern
Horehound
Liverwort *Hepatica americana*
Marigold *Calendula officinalis*
Majorum
Mustard *Brassica nigra*
Monk's rhubarb *Rumex patientia*
Plantain *Plantago major*
Rhubarb *Rheum rhaponticum*
Summer savory *Satureia hortensis*
Scurvy grass *Cochlearia offic.*
Solomon's seal

Tansy
Tarragon
Valerian V. offic.
Jacob's ladder Poleminium caeruleum
Wallflowers

Medicinal Plants listed in Doctor's Office at Westville

Witch hazel
Calamus
Sumac
Wild onion
Wintergreen
Wild garlic
Wild ginger
Sheep sorrel
Poke
Sassafras
Wild cherry
Wood sorrel
Cassina (Ilex)
Redroot
Maiden's bedstraw
Yellow dock
Shepherd's purse
Blue vervain
Catnip
Heal-all
Horsemint
Mullein
Dog Fennel
Dandelion
Rabbit tobacco
Butterfly weed
Ginseng
Indian pipe
Boneset
Bloodroot
Blackberry