

# Probing Phenology

Massachusetts Nursery & Landscape Association - Winter 2025

Ancient trees - *Metasequoia glyptostroboides*, *Ginkgo biloba*

Exploring the evolution of flowering plants - Plant Evolution Mural, The Botanic Garden at Smith College

*Magnolia grandiflora*                      *Magnolia* x *soulangiana*                      *Magnolia stellata* 'Waterlily'

Celebrating Spring Blooms    Bulb Show, Smith College

Cherry Blossoms              Fairmont Park, Philadelphia, PA - Washington, D.C. - Chanticleer

*Amelanchier laevis*    Service-tree    Swan Point Cemetery, Providence, RI

Havoc of Climate Crisis 2023              No Peaches!    No Blue Hydrangeas!

Climate Change's record of years of erratic weather, floods, drought, heat, frost, fire

Traditional bloom dates of herbaceous perennials disrupted by weeks and months

*Actaea simplex* 'Brunette' suffers from excessive heat and soil temperatures

Root to Resilient Landscapes - Plant Selection - Soils - Mulch

*Rhododendron* x 'Weston's Pink Diamond'

*Syringa* x 'Purple Haze'

*Acanthopanax sieboldianus* 'Variegatus' (Eleuthococcus)

*Acer negundo* 'Flamingo'

*Malus* 'Sugartyme'

*Aronia arbutifolia* 'Brilliantissima'

*Aronia melanocarpa* 'Viking'

*Aronia melanocarpa* 'Low Scape Mound'

*Calycanthus floridus* - *Calycanthus floridus* 'Athens' - *Calycanthus floridus* 'Burgundy Spice'

*Calycanthus* x 'Venus' - *Calycanthus* x 'Aphrodite' - *Calycanthus* x *raultonii* 'Hartlage Wine'

*Fothergilla major*              -              *Fothergilla* x 'Mount Airy'

*Fothergilla* x 'Blue Shadow'

*Fothergilla gardenii* 'Blue Mist'              -              *Fothergilla gardenii* 'Blue Elf'

*Rhododendron* x 'Millennium'              -              *Carex morrowii* var. *temnolepis*

*Clethra alnifolia* 'Rosea'              -              *Clethra alnifolia* 'Ruby Spice'

*Clethra alnifolia* 'Ann's Bouquet'

*Clethra barbinervis*                      *Clethra barbinervis* 'Takeda Nishiki'

*Clethra alnifolia* 'Hummingbird'

*Indigofera kirilowi*                      *Indigofera heterantha*                      *Indigofera amblyantha*

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Hibiscus syriacus 'Diane'    Lespedeza thunbergii 'Avalanche'    Lespedeza thunbergii 'Gibraltar'

Magnolia virginiana var. australis

Magnolia virginiana var. australis 'Milton'    'Henry Hicks'    'Green Shadow'    'Moonglow'

Anacardiaceae Family - Pistacia chinensis 'Keith Davey' - Cotinus - Rhus

Rhus typhina 'Laciniata'    Rhus typhina 'Tiger Eyes'

Physocarpus opulifolius 'Diablo', Buddleia alternifolia 'Argentea', Hydrangea paniculata 'Tardiva'

Amsonia tabernaemontana 'Salicifolia'

Cotinus coggygria - 'Royal Purple' - 'Golden Spirit' - Cotinus x 'Grace'

Salix elaeagnos

Heptacodium miconioides

Baccharis halimifolia    -    Comptonia peregrina, Eryngium planum

Taproots - Yucca filamentosa 'Bright Edge', Eryngium yuccifolium, Asclepias tuberosa, Crambe maritima,

Callirhoe involucrata, Iberis sempervirens, Euphorbia corollata, Euphorbia amygdaloides 'Purpurea'

ROOTS - Scarify                      Artisan dug root balls

the miracle of Wood Chips - Linda Chalker-Scott Ph. D.

the mystery of Mulch                      Chopped Leaves                      Pine Needles

Fescue Turf                      Turface soil amendment                      Lawnless Landscapes

Fabaceae Family                      Maackia amurensis

Crambe maritima, Daphne x transatlantica 'Eternal Fragrance', Amsonia hubrechtii

Hippophae rhamnoides 'Sprite', Mahonia bealei, Sarcococca hookeriana var. humilis, Magnolia virginiana 'Henry Hicks'

Maackia amurensis 'Starburst'

Plant Environments - Sand dunes, Cape Cod - Mountain ledges, Maine

Potentilla tridentata (Sibbaldiopsis tridentata)

New Residential Landscape, Osterville, MA drought tolerant planting -no automated irrigation system

Hippophae rhamnoides 'Sprite', Ilex glabra 'Nova Scotia', Xanthorhiza simplicissima, Comptonia peregrina, Potentilla tridentata, Prunus pumila var. depressa 'Gus Mehlquist', Arctostaphylos uva-ursi, Indigofera kirilowii, Indigofera heterantha, Magnolia grandiflora, Magnolia virginiana 'Henry Hicks', Ilex opaca 'Jersey Princess', Viburnum pragnense, Liriope spicata, Hydrangea arborescens 'Annabelle', Amsonia hubrechtii, Bigelowia nuttalli, Allium 'Millennium', Sciadopytes verticillata 'Wintergreen',

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Sciadopitys v. 'Joe Kozy', Acer palmatum 'Seiryu', Hydrangea quercifolia 'Ruby Slippers', Rhododendron 'Mary Fleming', Kerria japonica 'Picta', Ulmus parvifolia 'Seiryu'; Pinus parviflora glauca, Pinus banksiana, Heptacodium miconioides, Hamamelis x 'Primavera', Stewartia pseudocamellia, Sarcococca hookeriana var. humilis, Mahonia bealei, Buxus sempervirens 'Vardar Valley, Andromeda polifolia 'Blue Ice', Daphne x transatlantica 'Eternal Fragrance, Tsuga canadensis 'Sargentii, Lagerstroemia 'Natchez', Leucothoe axillaris, Lindera angustifolia, Aronia melanocarpa 'Low Scape Mound', Fothergilla gardenii 'Blue Elf', Thujaops dolobrata 'Hondai', Camellia x Long Island Pink, Camellia x 'Winter Snowman', Lespedeza thunbergii 'Gibraltar', Myrica pensylvanica, Ilex verticillata 'Winter Red', Perovskia atriplicifolia, Robinia pseudoacacia 'Umbraculifera'

Acer rubrum 'Weepy'

Zenobia pulverulenta 'Woodlander's Blue'

Question to Cathy Deutsch, Director of Horticulture at Wave Hill

- Most pressing issue facing gardeners today?

"I think we all realize that for a "green industry" we are culpable for our part in this climate crisis, and we need to confront the use of plastics, toxic chemicals, and fuel in horticulture and agriculture. Many small companies don't have the means to alter their production model in order to mitigate the deleterious impact on global health. Changing course can seem insurmountable, so I am interested in exploring ways to make this attainable. At Wave Hill, everything we do is on a very small scale, and, even here, it is a costly process to convert an operation to function sustainably."

**Gardening is Life**