



NATURE AS GARDENER

WORKING WITH NATURAL PROCESS FOR BEAUTY AND REDUCED MAINTENANCE

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To dig or not to dig?

Ecology?

Individual, Population, Community, Ecosystem

Resilience – The ability to recover from disturbance, to accommodate change, and to function in a state of health.

Found Ecosystems – Wild Nature

Horizontal Integration – The horizontal spatial arrangement of plants within a community in response to light, soil, moisture, nutrition and competition. Above and belowground patterns

Vertical Stratification – Canopy, Understory, Shrub Layer, Ground Layer, Rhizosphere

Vegetation Dynamics

Succession – The cumulative, directional change in the composition of a plant community over time

Disturbance – Chronic or catastrophic

Competition – For Resources, Space

Weed – A plant whose virtues are yet to be discovered! A ruderal. An ecological workhorse.

Traditional Garden Design

Axial layout

Highly patterned

Bedding schemes

William Robinson – The Wild Garden, 1870

Found Communities - Native Plant Communities as a Model



Wetland Community – Skunk Cabbage and Lady Fern
Garden Community – Woodland garden of specimen hostas and ferns
Garden Community – Woodland garden with integrated structure

Fern Glen – Hayscented Fern
Garden Community – Ostrich Fern, Variegated Solomon’s Seal and Tulips
Garden Community – Solomon’s Seal and New York Fern
Garden Community – Solomon’s Plume and Maidenhair Fern
Garden Community – Hobblebush and Christmas Fern

Novel Communities – Garden Communities

Case Garden – Siebold Primrose and White Trillium

Marshfield – ‘Appalachian Spring’ Redbud, ‘Ogon’ Spiraea, Blue Phlox, ‘Hartlage Wine’ Sweetshrub
Marshfield – Raydon’s Favorite’ Aster
Marshfield – Ginkgo and Blue Camas
Marshfield – Wildflower meadow

Charlottesville Garden – Virginia Bluebell
Charlottesville Garden – Blue Phlox, My Mary Azalea, English Bluebell
Charlottesville Garden – Blue Phlox, Variegated Solomon’s Seal and Japanese Forest

Grass

Boninti Garden – Bent Trillium and Celandine Poppy
Boninti Garden – Daffodils, Celandine Poppy, Cress
Boninti Garden – Jacob’s Ladder, Blue Phlox, Hellebore, Great Merrybells
Boninti Garden – Jacob’s Ladder, Dwarf Larkspur, Foamflower, Southern Red Trillium

US Botanical Garden – Dogwood, Pickerel Rush, Water Lily, Iris, Sedges

Small Garden – ‘Raydon’s Favorite’ Aster, Yucca

The High Line – Ozark Bluestar, Smoke Tree
The High Line – Ozark Bluestar, Korean Feather Grass, Sumac

Bird Hill – Entry with Celandine Poppy, Wild Geranium, Mayapple
Bird Hill – Winter Aconite – Hellebores – Phlox – Elk Clover and Silverbell
Bird Hill – Winter Aconite – Hellebores and Epimedium – Virginia Bluebell, Siebold Primrose and Bleeding Heart
Bird Hill – Peeping Tom Daffodil – Virginia Bluebells
Bird Hill – Garden Scene

“Beauty Is No Longer Enough” – Anne Raver

Goals for a Reduced Maintenance Garden

- Design with nature and culture
- Think ecologically to create a novel plant community
- Integrate landscape structure
- Layer plantings
- Plant lot line to lot line
- Establish a matrix with regionally native plants
- Establish a trophic hierarchy through native plant diversity
- Reduce or eliminate pesticide use

2021 GARDEN AND NATURE TOURS WITH C. COLSTON BURRELL

www.gardenandnaturetours.com

November – Gardens and Temples of Tokyo and Kyoto

BOTANICAL /COMMON NAME LIST

- ‘Appalachian Spring’ Redbud – *Cercis canadensis* ‘Appalachian Red’
- Bent Trillium – *Trillium flexipes*
- Bleeding Heart – *Dicentra eximia*
- Blue Camas – *Camassia leichtlinii*
- Blue Phlox – *Phlox divaricata*
- Celandine Poppy – *Stylophorum diphyllum*
- Christmas Fern – *Polystichum acrostichoides*
- Dogwood – *Cornus sericea*
- Dwarf Larkspur – *Delphinium tricornis*
- Elk Clover – *Aralia californica*
- English Bluebell – *Hyacinthoides non-scripta*
- Epimedium – *Epimedium* species
- Foamflower – *Tiarella cordifolia*
- Ginkgo – *Ginkgo biloba*
- Great Merrybells – *Uvularia grandiflora*
- Hayscented Fern – *Dennstaedtia punctilobula*
- Hellebores – *Helleborus x hybridus*
- Hobblebush – *Leucothoe fontanesiana*
- Iris – *Iris* species
- Jacob’s Ladder – *Polemonium reptans*



Japanese Forest Grass – *Hackonechloa macra*
Korean Feather Grass – *Calamagrostis brachytricha*
Lady Fern – *Athyrium filix-femina*
Maidenhair Fern – *Adiantum pedatum*
Mayapple – *Podophyllum peltatum*
'My Mary' Azalea – *Rhododendron 'My Mary'*
New York Fern – *Thelypteris noveboracensis*
'Ogon' Spiraea – *Spiraea thunbergii 'Ogon'*
Ostrich Fern – *Matteuccia struthiopteris*
Ozark Bluestar – *Amsonia hubrichtii*
'Peeping Tom' Daffodil – *Narcissus 'Peeping Tom'*
Pickerel Rush – *Pontederia cordata*
'Hartlage Wine' Sweetshrub – *Calycanthus raulstonii 'Hartlage Wine'*
'Raydon's Favorite' Aster – *Symphotrichum oblongifolium 'Raydon's Favorite'*
Sedges – *Carex* species
Siebold Primrose – *Primula sieboldii*
Silverbell – *Halesia diptera*
Skunk Cabbage – *Symplocarpus foetidus*
Smoke Tree – *Cotinus obovatus*
Solomon's Plume – *Maianthemum racemosum*
Solomon's Seal – *Polygonatum biflorum*
Southern Red Trillium – *Trillium sulcatum*
Sumac – *Rhus* species
Variegated Solomon's Seal – *Polygonatum odoratum 'Variegatum'*
Virginia Bluebells – *Mertensia virginica*
Water Lily – *Nymphaea odorata*
White Trillium – *Trillium grandiflorum*
Wild Geranium – *Geranium maculatum*
Winter Aconite – *Eranthis hyemalis*
Yucca – *Yucca 'Color Guard'*