

Colby-Sawyer Planting Palette

	Common Name	Scientific Name	NH Native	Height	Shape	Shade Tolerance	Salt Tolerant	Moisture	Comments
Deciduous Species									
Large Trees (Over 45 ft)	Sugar Maple	<i>Acer sacharum</i>	Yes	50-75'	Oval	Full Sun		Medium	Yellow foliage
	Red Maple	<i>Acer rubrum</i>	Yes	60-75'	Round	Full Sun to Partial Shade		Medium/Wet	Brilliant red foliage
	Silver Maple	<i>Acer sachharinum</i>	Yes	60-80'	Round/Irregular	Full Sun to Partial Shade		Medium	Interesting shape w/ Low branches
	White Ash	<i>Fraxinus americana</i>	Yes	70-100'	Oval	Full Sun		Medium	Vulnerable to Emerald Ash-Borer
	Northern Red Oak	<i>Quercus rubra</i>	Yes	70-80'	Round/Oval	Full Sun	Yes	Dry	
	White Oak	<i>Quercus alba</i>	Yes	60-80'	Round	Full Sun	Yes	Medium	
	Black Oak	<i>Quercus valutina</i>	Yes	50-80'	Round/Oval	Full Sun		Dry	
	Scarlet Oak	<i>Quercus coccinea</i>	Yes	60-80'	Oval	Full Sun		Dry	Low hanging branches
	Shagbark Hickory	<i>Carya ovata</i>	US	70-90'	Round/Oval	Full Sun		Medium	Shaggy bark, nut-bearing
	White (Paper) Birch	<i>Betula papyrifera</i>	Yes	50-70'	Irregular	Full sun		Medium/Wet	White trunks
	River Birch	<i>Betula nigra</i>	Yes	50-70'	Pyramid	Full sun	Yes	Medium/Wet	Red paper bark, some smaller cultivars
	Black Locust	<i>Robinia pseudoacacia</i>	US	50-80'	Round/Irregular	Full sun	Yes	Medium/Dry	Produces bean pods, nitrogen fixer
Tulip Poplar	<i>Lireodendron tulipifera</i>	US	70-90'	Oval	Full Sun		Medium	Grows tall with long trunk	

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Large Trees (Over 45 ft)	Black Gum/Tupelo	<i>Nyssa sylvetica</i>	Yes	40-60'	Oval	Full Sun to Partial Shade	Yes	Medium/Wet	Crimson foliage, berries
	Eastern Larch	<i>Larix laricina</i>	Yes	40-80'	Pyramid	Full Sun	Yes	Medium/Wet	Deciduous conifer
	Northern Catalpa	<i>Catalpa speciosa</i>	US	50-60'	Irregular/Oval	Full Sun		Medium	Orchid-like June flowers, produces long pods
	American Basswood	<i>Tilia americana</i>	Yes	50-70'	Oval	Full Sun		Medium	
	Horse Chestnut	<i>Aesculus hippocastanum</i>	Yes	50-75'	Oval	Full Sun to Partial Shade		Medium	Nut producing, shouldn't be planted unsheltered from wind
	American Sycamore	<i>Platanus occidentalis</i>	US	30-60'	Oval/Irregular	Full Sun		Medium/Wet	Light-colored bark
Medium Trees (25-45 ft)	Crimson Frost Japanese Birch	<i>Betula platyphylla</i>		35' max	Narrow Pyramid	Full Sun		Medium/Wet	White bark with purple leaves
	Honey Locust	<i>Gleditsia triancathos</i>	US	35-45'	Round	Full Sun	Yes	Medium	Produces bean pods, nitrogen fixer, produces thin shade
	Black Willow	<i>Salix nigra</i>	Yes	25-45'	Round/Droopy	Full Sun		Wet	
	Sassafrass	<i>Sassafrass albidum</i>	US	30-40'	Pyramid	Full Sun		Medium	Fragrant, mitten-shaped leaves
	American Hornbeam	<i>Carpinus caroliniana</i>	Yes	20-30'	Round	Full Sun to Partial Shade		Medium/Wet	Smooth, Sinewy bark. Nice shape.
	American Mountain Ash	<i>Sorbus americana</i>	Yes	20-30'	Vase/Round	Full Sun to Partial Shade		Medium/Wet	White flowers, brilliant red berries, cold tolerant
Eastern Redbud	<i>Cercis canadensis</i>	Yes	20-30'	Vase/Round	Full Sun to Partial Shade		Medium	Nice shape, bright pink spring flowers	
Small Trees (<25 ft)	Apple	<i>Pyrus malus</i>		10-25'	Round/Irregular	Full Sun		Medium	Edible, many varieties
	Asian Pear	<i>Pyrus pyrifolia</i>		25' max	Round/Irregular	Full Sun		Medium	Edible

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Small Trees (<25 ft)	American Plum	<i>Prunus americana</i>	Yes	15-25'	Round	Full Sun to Partial Shade		Medium/Dry	Edible
	Nannyberry	<i>Viburnum lentago</i>	Yes	15-25'	Pyramid/Irregular	Full Sun to Partial Shade		Medium	Lacey white flowers in spring, dark berries in fall
	Hawthorn	<i>Crataegus spp.</i>		20-30'	Round	Full Sun		Medium	White spring flowers, bright red fruits, attractive fall foliage
	Flowering Dogwood	<i>Cornus florida</i>	US	25' max	Pyramid	Full Sun to Partial Shade		Medium	Beautiful spring flowers
	Japanese Maple	<i>Acer palmatum</i>		15-25'	Round	Full Sun to Partial Shade		Medium	Purple leaves
	Speckled Alder	<i>Alnus incana</i>	Yes	15-20'	Irregular	Full Sun to Partial Shade	Yes	Wet	Dark bark, nitrogen fixer
	Pussy Willow	<i>Salix discolor</i>	Yes	15-20'	Vase	Full Sun		Medium/Wet	Velvety twigs
	Serviceberry	<i>Amelanchier arborea</i>	Yes	15-25'	Round/Oval	Full Sun to Partial Shade		Medium/Wet	Bright foliage, edible, showy berries
	Star Magnolia	<i>Magnolia stellata</i>		15-20'	Oval/Pyramid	Full Sun to Partial Shade	Yes	Medium	Fragrant spring flowers, striking gray bark
Cornelian Cherry	<i>Cornus mas</i>		15-25'	Round	Full Sun to Partial Shade		Medium	Showy, edible red fruit, small yellow spring flowers, bright foliage	
Shrubs (<15 ft)	Common Witchhazel	<i>Hamamelis virginiana</i>	Yes	13-15'	Vase	Full Sun to Partial Shade	Yes	Medium	Fragrant October flowers
	Beach Plum	<i>Prunus maritima</i>	Yes	10-12'	Vase/round	Full Sun	Yes	Medium/Dry	Edible, orange/red foliage. Salt tolerant
	Red-Osier Dogwood	<i>Cornus sericea</i>	Yes	4-9'	Round	Full Sun to Partial Shade		Medium/Wet	Bright red stems
	Winterberry Holly	<i>Ilex verticillata</i>	Yes	5-12'	Vase	Full Sun to Partial Shade	Yes	Medium/Wet	Red berries in winter
	American Hazelnut	<i>Corylus americana</i>	Yes	6-12'	Round/Vase	Full Sun to Partial Shade		Medium	Yields edible nuts

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Shrubs (<15 ft)	Common Lilac	<i>Syringa vulgaris</i>		8-15'	Vase / Irregular	Full Sun	Yes	Medium	Excellent Flowers
	Highbush Blueberry	<i>Vaccinium corymbosum</i>	Yes	8-12'	Vase / Irregular	Full Sun to Partial Shade	Yes	Medium / Wet	Edible, bright red foliage, many cultivars. Prefers acidic soil
	Japanese Rose	<i>Rosa rugosa</i>		4-6'	Round / Irregular	Full Sun to Partial Shade	Yes	Medium	Beautiful, fragrant flower. Requires regular pruning
	Weeping Purple Beech	<i>Fagus sylvatica</i>		12' max	Round / Droopy	Full Sun to Partial Shade		Medium	Deep purple leaves, weeping branches
	Black Chokeberry	<i>Aronia melanocarpa</i>	Yes	4-8'	Round / Irregular	Full Sun to Partial Shade		Medium	Edible berries, dark berries
	Bayberry	<i>Myrica pensylvanica</i>	Yes	5-10'	Round	Full Sun to Partial Shade	Yes	Medium / Dry	Very salt tolerant, dense branches
	Highbush Cranberry	<i>Viburnum tribolum</i>	Yes	8-12'	Round / Vase	Full Sun to Partial Shade	Yes	Medium / Wet	Red berries, white flowers
	Japanese Bush Cherry	<i>Prunus Japonica</i>		8' max	Round	Full Sun to Partial Shade		Medium	Pink early spring flowers, produces edible cherries
	Common Elderberry	<i>Sambucus canadensis</i>	Yes	5-12'	Round	Full Sun to Partial Shade		Medium / Wet	Edible berries, showy & fragrant summer flowers
	Snowberry	<i>Symphoricarpos albus</i>	Yes	3-6'	Rounded	Full Sun to Partial Shade		Medium	Showy white berries
Ninebark	<i>Physocarpus opulifolius</i>	Yes	4-8'	Pyramid	Full Sun to Partial Shade		Medium / Dry	Flower attracts butterflies	
Ground Covers	Lowbush Blueberry	<i>Vaccinium angustifolium</i>	Yes	1-2'	Rounded	Full Sun	Yes	Medium	Edible, prefers acid soil
	Moss Phlox	<i>Phlox subulata</i>	US	> 1'	Spreading	Full Sun		Medium	Produces thick mat of pink, white, or purple spring flowers
	Alpine Strawberry	<i>Fragaria vesca alpina</i>	Yes	> 1'	Spreading	Full Sun to Partial Shade		Medium	White spring flowers, edible berries
	Miner's Lettuce	<i>Claytonia perfoliata</i>	US	> 1'	Spreading	Partial Shade		Medium	Very flavorful leaves

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Evergreen Species									
Large Trees (Over 45 ft)	Red Pine	<i>Pinus resinosa</i>	Yes	60-80'	Oval	Full Sun		Dry	Long trunk. Can be coppiced and kept small.
	Eastern Hemlock	<i>Tsuga canadensis</i>	Yes	40-70'	Irregular	Partial to Full Shade		Medium/Wet	Dark green color, unique shape
	Blue Spruce	<i>Picea pungens</i>	US	40-60'	Oval	Full Sun	Yes	Medium	Blueish color, height depends on cultivar; can also be shrub
	Scotch Pine	<i>Pinus sylvestris</i>		50-70'	Round	Full Sun	Yes	Medium	Very hardy, dwarf variety is shrub-size
	Red Spruce	<i>Picea rubens</i>	Yes	50-80'	Pyramid/Irregular	Full Sun to Partial Shade		Medium	
	Norway Spruce	<i>Picea abies</i>		60-90'	Pyramid	Full Sun		Medium	Bowed branches that point up at tip
	Balsam Fir	<i>Abies balsamea</i>	Yes	45-75'	Pyramid	Full Sun to Partial Shade		Medium	Variety of cultivars, many smaller, can be coppiced
	Jack Pine	<i>Pinus banksiana</i>	US	55-65'	Irregular	Full Sun	Yes	Medium/Dry	Does well in sandy soil
	Korean Pine	<i>Pinus koraiensis</i>		100' max	Oval	Full Sun		Medium/Dry	Produces edible pine nuts
Medium Trees (25-45 ft)	Eastern Red Cedar	<i>Juniperus virginiana</i>	Yes	30-45'	Oval		Yes	Medium/Dry	Very drought resistant
	Eastern Arborvitae	<i>Thuja occidentalis</i>	Yes	20-40'	Pyramid/Oval	Full Sun to Partial Shade		Medium	
Small Trees (<25 ft)	Mugo Pine	<i>Pinus mugo</i>		15-20'	Round	Full Sun	Yes	Medium	Shrub like form
Shrubs (<15 ft)	Rosebay Rhododendron	<i>Rhododendron maximum</i>	Yes	4-15'	Round	Partial Shade		Medium/Wet	Different varieties have different color flowers, some are deciduous
	Blue Star Juniper	<i>Juniperus squamata</i>		3'	Low spreading	Full Sun		Medium/Dry	Blue color, good for foundation planting

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Shrubs (<15 ft)	Mountain Andromeda	<i>Pieris floribunda</i>	Yes	4-6'	Round	Partial Shade		Medium/Dry	White spring flowers
	Dense Spreading Yew	<i>Taxus x media 'Densiformis'</i>		3-5'	Spreading	Full Sun to Partial Shade		Medium/Dry	Common foundation planting, low maintenance
	American Holly	<i>Ilex opaca</i>	US	10-15'	Round / Pyramid	Full Sun to Partial Shade		Medium	Spiney leaves and bright red berries
Evergreen Ground Covers	Partridgeberry	<i>Mitchella repens</i>	Yes	> 1'	Low Spreading	Full Shade		Medium	Leafy evergreen with red berries
	Wintergreen	<i>Gaultheria procumbens</i>	Yes	> 1'	Low Spreading	Partial to Full Shade		Medium	Minty leaves
	Christmas Fern	<i>Polystichum acrostichoides</i>	Yes	> 1'	Roseate	Partial Shade		Medium	Dark green fronds
	Bearberry	<i>Arctostaphylos uva-ursi</i>	Yes	> 1'	Low Spreading	Full Sun to Partial Shade	Yes	Medium/Dry	White spring flowers
	Vinca	<i>Vinca minor</i>		> 1'	Low Spreading	Full Sun to Partial Shade		Medium/Dry	Purple spring/summer flowers
	Lingonberry	<i>Vaccinium vitis-idaea</i>		> 1'	Low Spreading	Full Sun to Partial Shade		Medium/Dry	Edible red berries, small white spring flowers, acid loving
Flowers & Perennials									
Flowers & Perennials	Columbine	<i>Aquilegia canadensis</i>	Yes	3'	Upright	Partial to Full Shade		Medium/Dry	Irregular, bell-shaped flowers
	Joe-Pye Weed	<i>Eupatorium maculatum</i>	Yes	4' max	Upright	Full Sun		Medium/Wet	Purple fall flowers, attracts pollinators
	Blue Flag Iris	<i>Iris versicolor</i>	Yes	2-3'	Upright	Full Sun to Partial Shade		Medium/Wet	Orchid-like flowers in Summer
	New England Aster	<i>Symphotrichum novae-angliae</i>	Yes	3-6'	Upright	Partial Shade		Medium	Purple fall flowers
	Blue Wild Indigo	<i>Baptisia australis</i>	Yes	3-4'	Upright	Full Sun to Partial Shade		Medium/Dry	Purple Spring/Summer flowers, nitrogen fixer

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Flowers & Perennials	Bee Balm	<i>Monarda didyma</i>	Yes	2-4'	Spreading	Full Sun to Partial Shade		Medium/Wet	Fragrant flowers and leaves
	Labrador Violet	<i>Viola labradorica</i>	Yes	> 1'	Low Spreading	Full Sun to Partial Shade		Medium/Wet	Can also be groundcover, simple purple late spring flowers
	Bloodroot	<i>Sanguinaria canadensis</i>	Yes	> 1'	Spreading	Partial to Full Shade		Medium	White Spring flowers
	Hosta	<i>Hosta spp.</i>		3' max	Clump	Partial to Full Shade	Yes	Medium	Often browsed by wildlife
	Daylilies	<i>Hemerocallis spp.</i>		3' max	Clump	Full Sun to Partial Shade		Medium	Many varieties
	Sea Thrift	<i>Armeria maritima</i>	Yes	> 1'	Clump	Full Sun	Yes	Dry	Pink spring flowers
	Fountain Grass	<i>Pennisetum alopecuroides</i>		3' max	Clump	Full Sun to Partial Shade	Yes	Medium	
	Solomon's Seal	<i>Polygonatum commutatum</i>	Yes	6' max	Long Stalk	Partial to Full Shade		Medium/Wet	Spreads through rhizomes, edible spring shoots
	Black-eyed Susan	<i>Rudbeckia hirta</i>	Yes	3' max	Long Stem	Full Sun		Medium	Yellow summer flowers
	Canada Mayflower	<i>Maianthemum canadense</i>	Yes	> 1'	Low Growing	Full Sun to Partial Shade		Medium	White spring flowers
	False Hellebore	<i>Veratrum viride</i>	Yes	4' max	Tall Stalk	Full Sun to Partial Shade		Medium/Wet	White Summer Flowers, dark green leaves
	Jack-in-the-Pulpit	<i>Arisaema triphyllum</i>	Yes	2' max	Tall Stalk	Partial to Full Shade		Medium/Wet	Interesting cup-shaped flower, purple color
	Butterfly Weed	<i>Asclepias tuberosa</i>	Yes	3' max	Clump	Full Sun		Medium/Dry	Orange summer flowers, very drought tolerant, attracts pollinators
	Ostrich Fern	<i>Matteuccia struthiopteris</i>	Yes	2-4'	Clump	Partial to Full Shade		Medium/Wet	Edible fiddleheads, feather-like fronds