

## PLANT IDENTIFICATION

A knowledgeable person in any phase of the landscape industry must know how to identify plants; plant identification is one of the major parts of the **New Hampshire Certified Landscape** examination. The candidate will be asked to identify, from samples and/or pictures, a reasonable selection from the list that follows. Knowledge of a plant includes both the common and scientific name. *GRIN Taxonomy for Plants* (USDA) and the *Manual of Woody Plants* (M. Dirr.) were the primary references for the scientific names.

N= Native to New England

I= Invasive

Spp.= *Many species within this genus*

### EVERGREENS –(5 )

Abies balsamea	Balsam Fir	N
Abies concolor	White Fir	
Abies fraseri	Fraser Fir	
Chamaecyparis obtusa ‘Gracilis’	Hinoki Falsecypress	
Chamaecyparis pisifera ‘Filifera’	Thread-Leaf Falsecypress	
Chamaecyparis nootkatensis	Alaska Cedar	
Juniperus horizontalis ‘Plumosa Compacta’	Youngstown Juniper	
Juniperus horizontalis ‘Wiltonii’	Blue Rug Juniper	
Juniperus procumbens ‘Nana’	Dwarf Japanese Garden Juniper	
Juniperus scopulorum ‘Wichita Blue’	Wichita Blue Juniper	
Juniperus scopulorum ‘Blue Star’	Blue Star Juniper	
Juniperus virginiana	Eastern Red Cedar	N
Juniperus virginiana ‘Grey Owl’	Grey Owl Juniper	
Picea abies	Norway Spruce	
Picea abies ‘Nidiformis’	Bird’s Nest Spruce	
Picea glauca	White Spruce	N
Picea glauca ‘Conica’	Dwarf Alberta Spruce	N
Picea pungens ‘Glauca’	Colorado Blue Spruce	
Pinus cembra	Swiss Stone Pine	
Pinus mugo	Mugo Pine	
Pinus nigra	Austrian Pine	
Pinus parviflora	Japanese White Pine	
Pinus strobus	Eastern White Pine	N
Pinus sylvestris	Scotch Pine	
Pseudotsuga menziesii	Douglas fir	
Sciadopitys verticillata	Japanese Umbrella Pine	
Taxus cuspidata ‘Capitata’	Upright Japanese Yew	
Taxus x media ‘Densiformis’	Dense Spreading Yew	
Taxus media ‘Greenwave’	Greenwave Yew	
Taxus x media ‘Hicksii’	Hick’s Upright Yew	
Thuja occidentalis ‘Nigra’	Dark American Arborvitae	
Thuja occidentalis ‘Techny’	Mission Arborvitae	
Thuja occidentalis ‘Smaragd’	Emerald Green Arborvitae	
Tsuga canadensis	Canadian Hemlock	N

**BROAD-LEAVED EVERGREEN SHRUBS(2)**

Buxus spp.	Boxwood	
Ilex crenata	Japanese Holly	
Ilex glabra	Inkberry	N
Ilex x meserveae	Meserve Holly	
Ilex opaca	American Holly	N
Kalmia latifolia	Mountain Laurel	N
Leucothoe fontanesiana	Drooping Leucothoe	
Pieris x 'Brouwer's Beauty'	Brouwer's Beauty Andromeda	
Pieris floribunda	Mountain Andromeda	
Pieris japonica	Japanese Andromeda	
Rhododendron carolinianum	Carolina Rhododendron	
Rhododendron catawbiense	Catawba Rhododendron	
Rhododendron x laetevirens	Wilson Rhododendron	
Rhododendron maximum	Rosebay Rhododendron	N
Rhododendron P.J.M. Hybrids	PJM Series Rhododendrons	
Rhododendron 'Purple Gem'	Purple Gem Rhododendron	

**DECIDUOUS SHADE & ORNAMENTAL TREES (8)**

Acer ginnala	Amur Maple	
Acer griseum	Paperbark Maple	
Acer palmatum	Japanese Maple	
Acer platanoides	Norway Maple	I
Acer rubrum	Red or Swamp Maple	N
Acer saccharinum	Silver Maple	N
Acer saccharum	Sugar Maple	N
Aesculus carnea	Red Horsechestnut	
Amelanchier canadensis	Serviceberry	N
Betula nigra	River Birch	N
Betula papyrifera	Canoe or White Birch	N
Betula platyphylla 'Whitespire'	Japanese Whitespire Birch	
Catalpa speciosa	Northern Catalpa	N
Cercidiphyllum japonicum	Katsura tree	
Cercis canadensis	Eastern Redbud	N
Chionanthus virginicus	White Fringe Tree	N
Cornus alternifolia	Pagoda Dogwood	N
Cornus Rutgers Hybrids	Rutgers Hybrid Dogwood	
Cornus kousa	Kousa Dogwood	
Cornus mas	Cornelian Cherry	
Crataegus spp.	Hawthorn	N
Fagus grandifolia	American Beech	N
Fagus sylvatica	European Beech	
Fagus sylvatica 'Riversii'	River's Purple Beech	
Fraxinus americana	White Ash	N
Fraxinus pennsylvanica	Green Ash	N
Ginkgo biloba	Ginkgo Tree	
Gleditsia triacanthos var. inermis	Thornless Honeylocust	

Gymnocladus dioicus	Kentucky Coffeetree	N
Koelreuteria paniculata	Golden Rain Tree	
Liquidambar styraciflua	American Sweetgum	N
Liriodendron tulipifera	Tuliptree	N
Magnolia x loebneri	Loebner Magnolia	
Magnolia x soulangiana	Saucer Magnolia	
Magnolia stellata	Star Magnolia	
Malus spp	Flowering Crabapple	
Nyssa sylvatica	Black Tupelo	N
Oxydendrum arboreum	Sourwood	
Platanus x acerifolia	London Planetree	
Prunus sargentii	Sargent Cherry	
Pyrus calleryana	Callery Pear	
Quercus palustris	Pin Oak	N
Quercus rubra	Red Oak	N
Salix alba 'Tristis'	Golden Weeping Willow	
Sorbus alnifolia	Korean Mountain Ash	
Stewartia pseudocamellia	Japanese Stewartia	
Syringa reticulata	Japanese Tree Lilac	
Tilia americana	Basswood	N
Tilia cordata	Littleleaf Linden	
Ulmus americana	American Elm	N
Ulmus parviflora	Lacebark Elm	
Zelkova serrata	Japanese Zelkova	
<b>DECIDUOUS ORNAMENTAL SHRUBS (6)</b>		
Aronia arbutifolia	Chokeberry	N
<i>Azaleas:</i>		
Rhododendron mucronulatum	Korean Rhododendron	
Rhododendron 'Northern Lights' hybrids	Northern Lights Azalea	
Rhododendron poukhanensis	Korean Azalea	
Rhododendron viscosum	Swamp Azalea	N
Berberis thunbergii	Japanese Barberry	I
Chaenomeles speciosa	Flowering Quince	
Clethra alnifolia	Sweet Pepperbush	N
Comptonia peregrina	Sweetfern	N
Cornus racemosa	Grey Dogwood	N
Cornus sericea	Redosier Dogwood	N
Cotinus coggygria	Smoke Tree	
Cotoneaster spp.	Cotoneaster	
Daphne spp.	Daphne	
Enkianthus campanulatus	Redvein Enkianthus	
Euonymus alatus 'Compactus'	Compact Burning Bush	I
Forsythia x intermedia	Forsythia	
Fothergilla gardenii	Dwarf Fothergilla	
Hamamelis spp.	Witchhazel	N
Hibiscus syriacus	Rose of Sharon	
Hydrangea macrophylla	Big leaf Hydrangea	

Hydrangea paniculata	Panicle Hydrangea	
Ilex verticillata	Winterberry	N
Itea virginica	Virginia Sweetspire	
Ligustrum spp.	Privet	
Myrica pensylvanica	Northern Bayberry	N
Philadelphus coronarius	Sweet Mockorange	
Physocarpus opulifolius	Ninebark	N
Prunus x cistena	Purpleleaf Sand Cherry	
Spiraea x bumalda	Bumald Spirea	
Spiraea x vanhouttei	Vanhoutte Spirea	
Syringa patula 'Miss Kim'	Miss Kim Lilac	
Syringa prestoniae 'James MacFarlane'	James MacFarlane Lilac	
Syringa vulgaris hybrids	Hybrid Common Lilac	
Vaccinium corymbosum	Highbush Blueberry	N
Viburnum carlesii	Koreanspice Viburnum	
Viburnum dentatum	Arrowwood	N
Viburnum x juddi	Judd Viburnum	
Viburnum plicatum tomentosum	Doublefile Viburnum	
Viburnum prunifolium	Blackhaw Viburnum	N
Viburnum lentago	Nannyberry Viburnum	N
Viburnum trilobum	American Cranberrybush Viburnum	N
Weigela florida	Weigela	
<b>VINES, GROUNDCOVERS, AND CLIMBING PLANTS (4)</b>		
Asarum canadense	Canadian Wild Ginger	N
Ajuga reptans	Bugleweed	
Arctostaphylos uva-ursi	Bearberry	N
Calluna spp.	Heather	
Celastrus scandens	Oriental Bittersweet	I
Clematis spp. and hybrids	Clematis	
Convallaria majalis	Lily of the Valley	
Cornus canadensis	Bunchberry	N
Euonymus fortunei 'Emerald Gaiety'	Euonymus Emerald Gaiety	
Epimedium spp. and Hybrids	Barrenwort	
Galium odoratum	Sweet Woodruff	
Gaultheria procumbens	Wintergreen	N
Hedera helix 'Baltica'	English Ivy	
Hydrangea anomala subsp. Petiolaris	Climbing Hydrangea	
Lamium maculatum	Spotted Dead Nettle	
Lonicera x heckrottii	Goldflame Honeysuckle	
Microbiota decussata	Russian Cypress	
Pachysandra terminalis	Japanese Spurge	
Pachysandra procumbens	Allegheny Spurge	
Parthenocissus quinquefolia	Virginia Creeper	
Parthenocissus tricuspidata	Boston Ivy	
Phlox subulata	Moss Phlox	
Phlox stolonifera	Creeping Phlox	

Potentilla tridentata	Wineleaf Cinquefoil	N
Sedum spp	Groundcover Sedums	
Stephanandra incisa 'Crispa'	Cutleaf Stephanandra	
Tiarella cordifolia	Foamflower	N
Vaccinium angustifolium	Lowbush Blueberry	N
Vinca minor	Periwinkle or Myrtle	
Waldsteinia fragroides	Barren Strawberry	N
Wisteria floribunda	Japanese Wisteria	
<b>ROSES &amp; HYBRIDS (1)</b>		
Rosa Hybrids	Groundcover Roses	
Rosa multiflora	Multiflora Rose	I
Rosa spp. & Hybrids	Climbing Roses	
Rosa Hybrids	HybridTea Roses	
Rosa spp. & Hybrids	Floribunda Roses	
Rosa spp. & Hybrids	Shrub Roses	
<b>HERBACEOUS PERENNIALS (7)</b>		
Achillea spp.	Yarrow	
Actaea racemosa	Bugbane	
Alchemilla spp.	Lady's Mantle	
Aurinia saxatilis	Basket-of-Gold	
Aquilegia spp. and Hybrids	Columbine	N
Artemisia schmidtiana 'Silver Mound'	Silver Mound Artemisia	
Astilbe spp	Astilbe	
Aster spp.	Aster	N
Athyrium niponicum 'Pictum'	Japanese Painted Fern	
Baptisia australis	False Indigo	
Brunnera macrophylla	Siberian Bugloss	
Campanula spp.	Bell-flower	
Coreopsis verticillata	Threadleaf Coreopsis	
Dendranthema Hybrids	Hardy Chrysanthemum	
Dennstaedtia punctiloba	Hay-scented Fern	
Dianthus spp.	Pinks	
Echinacea purpurea	Purple Coneflower	
Festuca glauca	Blue Fescue	
Geranium spp.	Hardy Geranium	
Heliopsis helianthoides	Sunflower Heliopsis	
Hemerocallis spp. and Hybrids	Daylily	
Heuchera spp. & hybrids	Coral bells	
Hosta spp. and hybrids	Plantain Lily, Hosta	
Iberis sempervirens	Candytuft	
Iris spp. and hybrids	Iris	N
Liatis spicata	Gayfeather	
Leucanthemum superbum	Shasta Daisy	
Lobelia cardinalis	Cardinal Flower	N
Miscanthus sinensis	Maiden Grass	
Monarda didyma	Beebalm	

Nepeta X faassenii  
Paeonia spp. and hybrids  
Papaver orientale  
Penstemon digitalis 'Husker Red'  
Perovskia atriplicifolia  
Phlox paniculata  
Polemonium caeruleum  
Pulmonaria spp.  
Rudbeckia fulgida 'Goldsturm'  
Salvia nemorosa  
Sedum spectabile  
Sempervivum spp.  
Stachys byzantina  
Thymus spp.  
Veronica spp.  
Viola spp.

Catmint  
Peony  
Oriental Poppy  
Huskers Red Penstemon  
Russian Sage  
Garden Phlox  
Jacob 's ladder  
Lungwort  
Black Eyed Susan  
Perennial Salvia  
Showy Stonecrop  
Houseleek, Hen and Chickens  
Lamb's Ears  
Thyme  
Speedwell  
Violets

**ANNUALS (3)**(Reference: *Taylor's Guide to Annuals*)

Ageratum  
Begonia  
Coleus  
Cosmos  
Dahlia  
Dusty Miller  
Fuchsia  
Geranium  
Impatiens  
Lobelia  
Marigold  
Moss Rose, Portulaca  
Nasturtium  
Ornamental Cabbage and Kale  
Pansy  
Petunia  
Snapdragon  
Spider Flower  
Sweet Alyssum  
Verbena  
Vinca  
Zinnia

**BULBS(1)** (Reference: *Taylor's Guide to Bulbs*)

**FALL PLANTING**

Daffodil  
Crocus  
Hyacinth  
Hybrid Lily  
Tulip

**SPRING PLANTING**

Caladium  
Canna  
Dahlia  
Tuberous Begonia

## **WEEDS(2)**

### **PERENNIAL WEEDS**

Canada Thistle

Dandelion

Field Bindweed

Ground Ivy

Horsetail

Mouseear Chickweed

Plantain

Quackgrass

Red Sorrel

### **ANNUAL WEEDS**

Common Chickweed

Common Purslane

Common Ragweed

Crabgrass

Henbit

Prostrate Knotweed

Yellow Woodsorrel