

Horticulture Diagnostic Laboratory



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Dwarf Conifers for Landscapes

Scientific Name and Cultivar/Variety Name	Type of Dwarf*	Scientific Name and Cultivar/Variety Name	Type of Dwarf
<i>Abies cephalonica</i> 'Meyer's Dwarf'	dwarf	<i>Juniperus horizontalis</i> 'Wiltoni'	intermediate
<i>Abies concolor</i> 'Compacta'	dwarf	<i>Juniperus procumbens</i> 'Greenmound'	dwarf
<i>Abies fraseri</i> 'Klein's Nest'	dwarf	<i>Juniperus procumbens</i> 'Nana'	dwarf
<i>Abies homolepis</i> 'Prostrata'	intermediate	<i>Juniperus sabina</i> 'Broadmoor'	miniature
<i>Abies koreana</i> 'Prostrate Beauty'	intermediate	<i>Juniperus sabina</i> 'Buffalo'	intermediate
<i>Abies koreana</i> 'Starker's Dwarf'	dwarf	<i>Juniperus sabina</i> 'Monna' Calgary Carpet	intermediate
<i>Abies lasiocarpa</i> 'Mulligan's Dwarf'	dwarf	<i>Juniperus sabina</i> 'Tamariscifolia New Blue'	dwarf
<i>Abies lasiocarpa</i> var. <i>arizonica</i> 'Compacta'	dwarf	<i>Juniperus sargentii</i> 'Glauca'	intermediate
<i>Abies numidica</i> 'Pendula'	intermediate	<i>Juniperus scopulorum</i> 'Gareei'	dwarf
<i>Cedrus libani</i> 'Sargentii'	dwarf	<i>Juniperus squamata</i> 'Blue Alps'	dwarf
<i>Chamaecyparis obtusa</i> 'Confucious'	intermediate	<i>Juniperus squamata</i> 'Blue Star'	dwarf
<i>Chamaecyparis obtusa</i> 'Fernspray Gold'	intermediate	<i>Juniperus squamata</i> 'Holger'	dwarf
<i>Chamaecyparis obtusa</i> 'Gold Drop'	miniature	<i>Juniperus virginiana</i> 'Grey Owl'	intermediate
<i>Chamaecyparis obtusa</i> 'Kosteri'	dwarf	<i>Juniperus xmedia</i> 'Old Gold'	intermediate
<i>Chamaecyparis obtusa</i> 'Meroke Twin'	dwarf	<i>Juniperus xmedia</i> 'Pfitzeriana'	intermediate
<i>Chamaecyparis obtusa</i> 'Rigid Dwarf'	dwarf	<i>Microbiota decussata</i>	intermediate
<i>Chamaecyparis obtusa</i> 'Saffron Spray'	intermediate	<i>Picea abies</i> 'Clanbrasiliana'	dwarf
<i>Chamaecyparis pisifera</i> 'Filifera Golden Mop'	miniature	<i>Picea abies</i> 'Diffusa'	miniature
<i>Chamaecyparis pisifera</i> 'Filifera Sungold'	intermediate	<i>Picea abies</i> 'Hasin'	dwarf
<i>Chamaecyparis pisifera</i> 'Plumosa Compressa'	dwarf	<i>Picea abies</i> 'Inversa'	tree
<i>Chamaecyparis pisifera</i> 'Plumosa Flavescens'	dwarf	<i>Picea abies</i> 'Kellerman's Blue Cameo'	dwarf
<i>Chamaecyparis pisifera</i> 'Tsukomo'	miniature	<i>Picea abies</i> 'Little Gem'	miniature
<i>Chamaecyparis thyoides</i> 'Aurea'	intermediate	<i>Picea abies</i> 'Nidiformis'	dwarf
<i>Chamaecyparis thyoides</i> 'Heatherbun'	intermediate	<i>Picea abies</i> 'Ohlendorffii'	dwarf
<i>Chamaecyparis thyoides</i> 'Little Jamie'	dwarf	<i>Picea abies</i> 'Repens'	dwarf
<i>Juniperus chinensis</i> 'Bakaurea' Gold Star	dwarf	<i>Picea glauca</i> 'Conica'	dwarf
<i>Juniperus chinensis</i> 'San Jose'	dwarf	<i>Picea glauca</i> 'Pixie'	miniature
<i>Juniperus chinensis</i> 'Saybrook Gold'	intermediate	<i>Picea glauca</i> 'Rainbow's End'	dwarf
<i>Juniperus chinensis</i> 'Sea Green'	dwarf	<i>Picea mariana</i> 'Nana'	miniature
<i>Juniperus chinensis</i> 'Shimpaku'	dwarf	<i>Picea omorika</i> 'Nana'	dwarf
<i>Juniperus conferta</i>	intermediate	<i>Picea orientalis</i> 'Nana'	dwarf
<i>Juniperus conferta</i> 'Blue Pacific'	intermediate	<i>Picea orientalis</i> 'Tom Thumb'***	miniature
<i>Juniperus conferta</i> 'Irozam' Iron Age	dwarf	<i>Picea pungens</i> 'Blue Pearl'	miniature
<i>Juniperus horizontalis</i> 'Blue Chip'	intermediate	<i>Picea pungens</i> 'Glauca Globosa'	miniature
<i>Juniperus horizontalis</i> 'Mother Lode'	intermediate	<i>Picea pungens</i> 'Globosa'	dwarf
<i>Juniperus horizontalis</i> 'Plumosa Compacta'			

Youngstown'	dwarf	Picea pungens 'Mrs. Cesarini'	dwarf
Juniperus horizontalis 'Prince of Wales'	intermediate	Picea pungens forma glauca 'Montgomery'	dwarf
Scientific Name and Cultivar/Variety Name	Type of Dwarf*	Scientific Name and Cultivar/Variety Name	Type of Dwarf
Picea pungens 'Saint Mary's Broom'**	dwarf	Taxus xmedia 'Everlow'	
Picea rubens 'Pocono'	dwarf	Taxus xmedia 'Hatfieldii'	intermediate
Picea xmariorika 'Machala'	miniature	Taxus xmedia 'Kelseyi'	dwarf
Pinus 'Jane Kluis'	dwarf	Taxus xmedia 'Meadowbrook'	dwarf
Pinus cembra 'Blue Mound'	dwarf	Taxus xmedia 'Thayerae'	intermediate
Pinus cembra 'Pygmaea'	intermediate	Taxus xmedia 'Wardii'	intermediate
Pinus leucodermis 'Compact Gem'	miniature	Taxus xmedia 'Wellesleyana'	dwarf
Pinus mugo	intermediate	Thuja occidentalis 'Bobazam' Mr. Bowling Ball	miniature
Pinus mugo 'Mops'	miniature	Thuja occidentalis 'Filiformis'	dwarf
Pinus mugo 'Paul's Dwarf'	miniature	Thuja occidentalis 'Gold Drop'**	dwarf
Pinus mugo 'Slowmound'	dwarf	Thuja occidentalis 'Hetz Midget'	dwarf
Pinus mugo var. pumilo	dwarf	Thuja occidentalis 'Sunkist'	intermediate
Pinus parviflora 'Adcock's Dwarf'	dwarf	Thuja occidentalis 'Yellow Ribbon'	intermediate
Pinus strobiformis 'Coronado'	dwarf	Thuja occidentalis 'Little Giant'	dwarf
Pinus strobus 'Blue Shag'	dwarf	Thuja plicata 'Cuprea'	dwarf
Pinus strobus 'Brevifolia Elf'	intermediate	Thujopsis dolobrata 'Nana'	dwarf
Pinus strobus 'Curtis Dwarf'	dwarf	Thujopsis dolobrata 'Variegata'	dwarf
Pinus strobus 'Horseford'	miniature	Tsuga canadensis 'Armistice'	dwarf
Pinus strobus 'Merrimack'	dwarf	Tsuga canadensis 'Atrovirens'	dwarf
Pinus strobus 'Sea Urchin'	miniature	Tsuga canadensis 'Bacon Cristate'	miniature / dwarf
Pinus strobus 'Umbraculifera'	dwarf	Tsuga canadensis 'Beehive'	dwarf
Pinus strobus 'Uncatena'	dwarf	Tsuga canadensis 'Bennett'	dwarf
Pinus sylvestris 'Hillside Creeper'	large	Tsuga canadensis 'Cloud Prune'	miniature
Pinus xhakkodensis	intermediate	Tsuga canadensis 'Cole's Prostrate'	dwarf
Pseudotsuga menziesii 'Fletcheri'	intermediate	Tsuga canadensis 'Curly'	miniature
Pseudotsuga menziesii 'Pumila'	dwarf	Tsuga canadensis 'Essex'	miniature
Taxus 'Gwen'	miniature	Tsuga canadensis 'Geneva'	intermediate
Taxus baccata 'Dovastonii Aurea'	intermediate	Tsuga canadensis 'Gentsch White'	intermediate
Taxus baccata 'Overeynderi'	intermediate	Tsuga canadensis 'Gracilis'	dwarf
Taxus baccata 'Repandens'	intermediate	Tsuga canadensis 'Greenwood Lake'	intermediate
Taxus baccata 'Standishii'	intermediate	Tsuga canadensis 'Hahn'	dwarf
Taxus canadensis	intermediate	Tsuga canadensis 'Hussii'	dwarf
Taxus canadensis 'Compacta'	intermediate	Tsuga canadensis 'Jervis'	dwarf
Taxus cuspidata 'Intermedia'	dwarf	Tsuga canadensis 'Kathryn Verkade'	miniature
Taxus cuspidata 'Low Boy'	miniature	Tsuga canadensis 'Lewis'	dwarf
Taxus cuspidata 'North Coast'	dwarf	Tsuga canadensis 'Macrophylla'	intermediate
Taxus cuspidata 'Prostrata'	intermediate	Tsuga canadensis 'Pendula'	large
Taxus xhunnewelliana 'Richard Horsey'	intermediate	Tsuga canadensis 'Sargentii'	intermediate
Taxus xmedia 'Andersonii'	intermediate	Tsuga canadensis 'Stockman's Dwarf'	miniature
Taxus xmedia 'Brevicata'	intermediate	Tsuga diversifolia 'Nana'	dwarf
Taxus xmedia 'Brownii'	intermediate		
Taxus xmedia 'Chadwickii'	dwarf		
Taxus xmedia 'Densiformis Imp'	intermediate		

Taxus xmedia 'Dutweileri'	intermediate		
Taxus xmedia 'Ershzam' Erie Shores	dwarf		

***Key to Size Codes:**

- **Minature** = grows less than 3"/year, less than 2-3' in 10 to 15 years (includes spread)
- **Dwarf** = grows 3 to 6"/year, 3-6' in 10 to 15 years (includes spread)
- **Intermediate** = grows 6 to 12"/year, 6-15' in 10 to 15 years (includes spread)
- **Large** = grows more than 12"/year, more than 15' in 10 to 15 years (includes spread)

When two sources gave different ultimate sizes Sarah McNaull recorded the larger of the two sizes.

** These conifers were not part of the original *List of All of the Dwarf Conifers Growing at Cornell (University) Plantations*, instead they were recommended by Marvin Snyder in "Collector's Garden Conifer Heaven in the Heartland" *The American Gardener*. January/February 2008.

Reprinted from *List of All of the Dwarf Conifers Growing at Cornell (University) Plantations*, Prepared by: Sarah McNaull, Plant Records, Cornell Plantations, Ithaca, NY 14850. Many (not all) of these conifers can be observed in the *Winter Conifer Garden* located at Cornell Plantations. December 2000.

Slight revision by Thomas Kowalsick, Cornell Cooperative Extension, January 2008.

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