



## Conifers & Evergreens of Tizer Botanic Gardens & Arboretum (TBGA)

This list is constantly being updated and revised. All of these evergreens have been planted in our gardens. We are constantly testing new varieties from all over the world. Most have been successful. Those determined not to be are noted as such. See the following "Legend" for symbols and explanation.

### Legend

\*\*New for testing in 2010.

\*\*\*Plants tested and determined not hardy at TBGA

**The following growth rate definition refers to plants from Iseli Nursery.**

**Miniature** = Less than 1" of growth per year and less than 1' in 10 to 15 years.

**Dwarf** = 1" to 6" growth per year. 1' to 6' in 10 to 15 years.

**Intermediate** = 6" to 12" growth per year. 6' to 15' in 10 to 15 years.

**Large** = 12" or more per year. More than 15' in 10 to 15 years.

*Abies balsamea*, **Caanan Fir**. Zone 3. 45' – 75'. Fast growing with heavy lateral branching, Christmas tree variety. Fragrant foliage used for cut boughs. Good in poorly drained cold sites. Planted 2008.

*Abies bornmuelleriana*, **Olympic Fir**. Special selection from Treehaven Evergreen Nursery. Planted 2009.

*Abies concolor*, **White Fir**. Zone 4. 120'. Soft Silvery needles. Withstands heat and drought better than most Firs. Planted 2003.

*Abies concolor*, **White Fir**. Grafted special selection from Mitsch Nursery. Planted 2008.

*Abies concolor*, **Heavenly Blue**'. Zone 4. Selection from Treehaven Evergreen Nursery. Planted 2009.

*Abies concolor*, **Swifts Silver Cloud**. special selection from Treehaven Evergreen Nursery. Planted 2009.

\*\*\**Abies grandis*, **Grand Fir**. 200', Zone 4. Glossy, dark green to bright green needles. Native throughout the Northwest. Often planted for commercial Christmas tree plantations. Planted 2006. Tested not hardy.

*Abies lasiocarpa*, **Subalpine Fir**. Zone 3. 60' – 90'. Beautiful, narrow conical shaped tree with bluish green 1" – 1 ½' needles. Very slow growing. Planted 2003.

*Abies nordmanniana*, **Nordmann Fir**'. Selection from Treehaven Evergreen Nursery. Seed source from Ambralauria Russia/Turkey. Planted 2009.

\*\*\**Chamaecyparis obtuse* **Japanese False Cypress**. Zone 3. 50' – 70'. Slow growing tree native to Japan. Planted 2007 & 2008. Tested not hardy.

*Chamaecyparis pisifera*, '**Filifera**', '**Threadbranch Cypress**'. Long fine scale-like foliage fresh green in spring takes on softer tones in winter complementing its reddish-brown bark. Over time it develops into a compact pyramidal form that makes them excellent candidates for sculpting. Hardy at TBGA as it is doing well since we planted it in 2006.

*Chamaecyparis pisifera*, '**Nana**'. Zone 5. Miniature, Globe. A tiny Hinoki introduced in 1867. Tight cupped fans of dark green foliage. Planted 2009.

*Chamaecyparis pisifera*, '**Curly Tops**'. Zone 5. Intermediate, Blue, Distinctive curly tips with unique twisted needles and silver blue foliage. Planted 2009.

*Chamaecyparis pisifera*, '**Cumulus**'. Zone 4. Miniature, Globe, Bluish-Green. A selection taken from 'Tsukumo'. Named for a look like puffy clouds. Stays small without pruning and most dense in full sun. Great for small tight spaces, rock gardens and containers. Planted 2009

*Chamaecyparis pisifera*, '**Mops**'. Zone 4. Dwarf, Globe shaped, Yellow. A "Threadbranch" Cypress with finely developed yellow foliage. Produces best color in full sun and does well in heat or humid conditions. Well behaved, compact mounding habit. Planted 2009.

*Chamaecyparis pisifera*, '**Squarrosa Intermedia**'. Zone 4. Intermediate, Upright Broad, Bluish-Green. Cultivated since 1923. Use this fast growing conifer to make outstanding creative plant sculptures. Requires semi-annual pruning. Planted 2009.

*Chamaecyparis pisifera*, '**Tsukumo**'. Zone 4. Miniature, Globe Shaped, Green. For small sites, this tight, rounded bun almost doubles as a mossy green rock. On occasion a few short feathery plumes will sprout out among the fine foliage, adding character and dimension. Planted 2009.

*Chamaecyparis thyoides*, '**Top Point**'. Zone 5. Dwarf, Upright Narrow, Green. Displays both needle-like and scale-like foliage. Muted green in summer and rich purple blush in winter. Great container plant. Planted 2009 as a test.

\*\*\**Ginkgo biloba*, **Maidenhair Tree**. Zone 4. 40' to 50'. Deciduous tree related to conifers. Slow growing, golden fall color and pest free. Native to North America millions of years ago. Tested ten of these and they all died. Planted 2007 and 2008.

*Ilex crenata*, '**Sky Pencil**'. Zone 5. Upright narrow. Tall slender holly. 5' tall and less than 1' wide in ten years. Great container plant. Planted 2009.

*Juniperus chinensis*, '**Daubs Frosted**'. Zone 4. Dwarf, Spreading, Yellow. Low spreading golden-yellow growth points in all directions above bluish-Green, feathery, interior foliage. Good for a sunny well drained bank. Planted 2009.

*Juniperus chinensis*, '**Sea Green**' Juniper. Zone 4. 4' to 6' tall, 6' to 8' wide. Drought tolerant, compact spreader. Planted 2000.

*Juniperus chinensis*, '**Shimpaku**'. Zone 4. Dwarf, Spreading, Green. Vase shaped develops upright, fountain-like branches. Appreciated by Bonsai enthusiasts for an irregular form and for exposed peeling bark. Planted 2009.

*Juniperus communis*, '**Compressa**'. Zone 4. Dwarf, bluish green. Very narrow upright. Planted 2009.

*Juniperus communis*, "**Gold Cone**". Zone 4. Dwarf, Upright Narrow, Yellow. Retains best color in full sun, responds well to shearing. Planted 2009.

*Juniperus communis*, '**Green Carpet**'. Zone 3. Dwarf, Prostrate, Green. Very hardy and adapts to wide range of soil and climate conditions. Planted 2009.

*Juniperus communis*, '**Haverbeck**'. Planted 2009.

*Juniperus communis*, '**Oblonga Pendula**'. Zone 3. Large tree with broad weeping habit, the result of many side leaders and branches that lay close to, then sweep up and away from the trunk. Thin sharp blue green needles with lacey texture and decorative berries and flaking bark. Planted 2009.

*Juniperus horizontalis*, '**Blue Chip**'. 6-12", 6-8' spread. Zone 3. Low growing, wide spreading ground cover type of Juniper. Makes a nice blue uniform ground cover, quite attractive. Remains dense in the center. Planted 2008.

*Juniperus horizontalis*, '**Blue Prince**'. Zone 3. Created by Van Vloten Nursery in Alberta and introduced by Bailey Nursery in the U.S. Incredible blue hue with a low 6" prostrate growth habit. Holds strong blue color throughout winter. Rare.

*Juniperus horizontalis*, '**Gold Fever**'. Zone 4. Planted 2009.

*Juniperus horizontalis*, '**Golden Carpet**'. Zone 3. Dwarf, Prostrate, Yellow. The dense, golden foliage of this carpet-like juniper takes on a third dimension as elongated streamers of new growth appears to float over the body of the plant and creep beyond the edges. Takes on a mauve tone in winter. Planted 2009.

*Juniperus horizontalis*, '**Limeglow**'. Zone 3. Dwarf, Spreading. Not your typical Juniper! Feathery yellow foliage that contrasts well with blue and green plants in your garden. Good for hot dry conditions. Planted 2009.

*Juniperus horizontalis*, '**Mother Lode**'. Zone 3. Dwarf, Prostrate. Bright golden yellow foliage in summer and rich burgundy plum in winter. Extremely flat ground hugging juniper. Define a mound or let it grow over a wall or simply cover ground with mass planting. Planted 2009.

*Juniperus horizontalis*, '**Wiltoni**', **Wilton Blue Rug Juniper**. 6", 6-8' spread. Zone 4. Very low growing and wide spreading. Silvery-blue foliage that takes on a purplish tint in winter. Use as a ground cover, trails down over the edge of the pot or over a wall in the landscape. Planted 2008.

*Juniperus horizontalis*, '**Winter Blue**'. This special selection by Clayton Berg exhibits a strong blue color.

*Juniperus Sabina*, '**Blue Sparkle**'. Planted 2000.

*Juniperus scopulorum*, **Rocky Mountain Juniper**. Zone 4. Grows to 30' and more. Rugged pyramidal tree with silvery blue-green foliage. Survives well in hot dry sites. Natives already exist on site. Planted different seed sourced plants in 2000.

*Juniperus scopulorum*, **Rocky Mountain Juniper**. A special selection discovered and propagated by Clayton Berg. He called it 'Livingston Juniper'. It exhibits a very columnar habit. Planted 2007.

*Juniperus scopulorum*, **Blue Trail**. Zone 3. 4' to 6'. Attractive form of Rocky Mountain Juniper with bright silvery-blue foliage. Medium growth rate tolerates dry conditions. Full sun. Planted 2000.

*Juniperus scopulorum*, **Gray Gleam**. Zone 3. Dense branching silvery gray-blue foliage that intensifies in the winter. Columnar, slow growing to 15' tall and 5' to 7' wide. Planted 2000.

*Juniperus scopulorum*, **'Moonglow'**. Zone 3. 13' high with 5' spread. *Moon Glow Juniper*) Broad upright shape, blue color. Planted 2008.

*Juniperus scopulorum*, **'Pathfinder.'** Zone 3. 20' tall and 8' wide. Narrow pyramidal with dense blue-gray foliage. Planted 2000.

*Juniperus scopulorum*, **'Prairie Sentinel'**. Zone 3. Planted 2000.

*Juniperus scopulorum*, **'Wichita Blue'**. Zone 3. 13' high with 5' spread. Broad upright shape, with intense blue color. Planted 2000.

*Juniperus scopulorum*, **'Arnold'**. Zone 3. A special upright selection developed by Clayton Berg, which exhibits a strong blue color.

*Juniperus squamata*, **'Blue Carpet'**. Zone 3. Intermediate, spreading. Sharp over-lapping blue dense needles. Very low spreading form adapts to dry locations. Planted 2009.

*Juniperus squamata*, **'Blue Star'**. Zone 4. Dwarf, spreading. Discovered in Holland and introduced to the U.S. in 1964. Very blue with sharp dense needles on short branches that suggest the tips on a many point star. About 2' x 2'. Planted 2009..

*Juniperus squamata*, **'Holger'**. Zone 4. Dwarf, spreading. Dense wide spreading juniper producing bright creamy-yellow new growth that stands above th plant's older blue foliage. Planted 2009.

*Juniperus Virginiana*, **'Eastern Red Cedar'**. Zone 3. to 75'. Densely pyramidal, easily pruned. Wood used in cedar chests. Planted 2004.

*Larix deciduas*, **'European Larch'**, 30-60', Zone 2. Deciduous conifer with lighter green foliage than other larch. Brilliant yellow and orange fall color. Fast growing. Planted 2004.

*Larix deciduas*, **'Pendula', European Weeping Larch**. Zone 3. Exciting, irregularly weeping branches; soft, fluffy tufts of green needles that becomes brilliant yellow in the fall. Full sun. Mounding form to 8' to 12' high, 10' to 12' wide. Grafted. Planted 2007.

*Larix decidua*, **'Pendula', Weeping Larch**. Zone 2. Iseli selection. Lime green foliage turning to a golden color in the fall. Prefers moist soil in the summer. Planted 2009.

*Larix kaempferi*, **"Wolterdingen', Weeping Larch**. Dwarf. Zone 3. A compact spreading Japanese Larch. New spring growth is a soft blue green. Good for tight spots and rock gardens. Bright yellow fall color with rich reddish brown branches with scales reminiscent of an armadillo's armor. Discovered in Wolterdingen, Germany in 1970. Planted 2009.

*Larix laricina*, **'American Larch'**. Zone 4. Grows to 60'. Native to North America. Fast growth, narrow conical form. Needles in brush-like clusters. Light grteen to blue-green color. Bright yellow fall color. Planted 2005.

*Larix leptolepis*, **'Japanese Larch'**. Zone 4. to 90'. Highly ornamental with red-brown exfoliating bark. Planted 2006.

*Larix occidentalis*, **'Western Larch'**. Zone 3. 50-150'. Well know western deciduous conifer. Brilliant yellow fall color. Fast growing, important timber tree. Planted 2004.

*Larix sibirica*, '**Siberian Larch**'. Zone 2. 30' to 60'. Large pyramidal deciduous conifer with spreading horizontal branches. Densely clustered needles on short spurs. Yellow needles in fall. Planted 2005.

\*\*\**Metasequoia glyptostroboides*, '**Dawn Redwood**'. Zone 4 100'. Ancient deciduous conifer from China. Known as the "Dinosaur Tree" because it was around 20 million years old. Tested but not hardy at in our gardens. Planted 2007. Not hardy at TBGA.

*Picea abies*, '**Acrocona**'. Zone 3. Intermediate. Upright broad. Raspberry-red cones on the tips of branches in spring. A broad spreading pyramid shape with age becoming wider than tall. Discovered in 1870 in Uppsala, Sweden. Planted 2009.

*Picea abies*, '**Cobra**'. Zone 3. Large broad upright. When staked, tree has a tall straight, sparsely branched main trunk and a thick, ground-hugging skirt that radiates outward with dancing cobra-like leaders. Best in full sun. Planted 2009.

*Picea abies*, '**Norway Spruce**'. Zone 2. 100' to 150'. Very fast growth. Valued for wind breaks in cold areas. Extremely hardy and wind resistant. Planted 2005.

*Picea abies*, '**Cupressina**'. Zone 4. Narrow strong vertical accent. Moderately fast growing, green foliage. Withstands heavy snow loads. Planted 2005. does well in our gardens.

*Picea abies*, '**Frohburg**'. Zone 3. Weeping Intermediate. Narrower form of Weeping Norway spruce with strictly pendulous habit with a full spreading skirt. Fine texture with shorter, slender, medium green needles. Good for smaller spaces. Introduced in 1973 by Haller Nursery in Switzerland. Planted 2005.

*Picea abies*, '**Gregoryana Parsonsii**'. Zone 3. Dwarf upright broad habit. Irregular dwarfed alpine shape is perfect for your rock garden. Thick green needles, tan stems and bright brown buds. Planted 2009.

*Picea abies*, '**Jogea**'. Zone 3. Dwarf, Globe Shape. Long narrow branches point upward with needles facing downward. Great for accenting smaller landscapes. Planted 2009.

*Picea abies*, '**Little Gem**'. Zone 4. Dwarf, Globe shaped, green. A dense tight bun covered with tiny green needles on short shoots. Originally a witch's broom on 'Nidiformis' and more ball like than its parent, it was discovered in 1958. It resembles a lush green pincushion. Planted 2009.

*Picea abies*, '**Nidiformis**', **Birds Nest Spruce**. Zone 3. To 3'. Dwarf evergreen with new growth emerging light green maturing to dark green. Full sun to light shade. Planted 2006.

*Picea abies*, '**Pendula**', **Weeping Norway Spruce**. Zone 3. Dark green and can easily be staked and trained to grow in any direction. Or allowed to grow in a ground cover form. Unique when planted in a row and staked to a wire support where it can be trained into a narrow "living fence". Planted 2005.

*Picea abies*, '**Pumila**'. Zone 3. Dwarf. Globe shape. Uniform branches covered with short dark-green needles. New growth appears later in season than most other "nest types." Planted 2009.

*Picea abies*, '**Pygmaea**'. Zone 4. Globe to broad-rounded and dense; the upright branching of this selection differs from the horizontal branching of 'Nidiformis'; very slow-growing. 3' to 5'. Planted 2009.

*Picea abies*, '**Rubra Spicata**'. Zone 3. Upright broad, large. For about two weeks in the spring deep red new growth give this uncommon cultivar a surprising look for a spruce. Gradually, the foliage changes to reddish-brown and then to green. It was found in Czechoslovakia in 1973, propagated in England and introduced to the U.S. in 1981. Planted 2009.

*Picea engelmannii*, '**Engelman Spruce**'. Zone 2. 150'. One of the better spruces for ornamental planting. Light bluish needles and dense pyramidal form. Planted 2005.

*Picea glauca*, '**Cecilia**'. Zone 2. Dwarf Globe, Blue Green. Stout blue gray needles with a rounded habit. Found as a witch's broom several years ago near Philadelphia. Very rare and not easily found or available. Planted 2009.

*Picea glauca*, '**Conica**', **Dwarf Alberta Spruce**. Zone 2. A perfect cone shape dwarf conifer with dense gray-green needles. Slow growing to 6' to 8' tall and about 4' to 5' wide. Planted 2006.

*Picea glauca*, '**Echiniformis**'. Zone 3. Globe shaped, Miniature. Short, blue-green needles with a hint of gray color. A very slow-growing compact cushion conifer. Dense tiny branches create an animated pinchshion plant. Great for rock gardens. Prune any errant branches to maintain a tight habit and rounded form. Planted 2009.

*Picea glauca*, '**Humpty Dumpty**', (**Iseli**). Zone 4. Dwarf upright Broad. Extremely dense Alberta type plant, egg-shaped, like Humpty Dumpty. A nearly equal base width and height, it forms an almost perfect pyramid. Found as a witch's broom and introduced by Iseli Nursery. Planted 2009.

*Picea glauca*, '**Jeans Dilly**'® (**Iseli**). Zone 4. Dwarf Upright Narrow. Pronounced "Johns" Dilly, this Alberta-type selection bears the name of dwarf conifer pioneer Jean Iseli. It is much smaller and more dense than other Alberta types. Planted 2009.

*Picea glauca*, '**Pendula**'. Zone 2. Weeping Intermediate. Jean Iseli rediscovered this outstanding weeping selection in 1982 at the Morton Arboretum in Illinois, where it had been growing since 1958. It has a very narrow conical shape with pendulous, stiffly held, drooping branches with light gray-green foliage. Planted 2009.

*Picea glauca*, '**Rainbow's End**' ® (**Iseli**). Zone 4. Dwarf, Upright Narrow, green-yellow. A second flush of growth transforms the light-green, conical tree in mid-summer into a beacon of bright lemon-yellow. Found as a mutation at Iseli Nursery in 1978, it appreciates consistent moisture, good nutrition and an occasional blast from the garden hose in summer to increase pest resistance. Planted 2009.

*Picea glauca*, '**White Spruce**'. Zone 3. To 75'. Silver-green foliage on pendulous branches. Tolerant of wind and wet soils. Planted 2008.

\*\**Picea glauca, densata*, '**Black Hills Spruce**'. Zone 2. To 90'. Slow-growing, compact tree with bluish green foliage. Extremely hardy. New for testing in 2010.

*Picea maria*, '**Ericoides**'. Zone 3. Dwarf, spreading. Known as the Blue Nest spruce, this low, full, symmetrical selection is valued for its beautiful blue-green color, its uniform shape, its soft texture and its excellent hardiness. Planted 2009.

*Picea pungens glauca*, '**Colorado Blue Spruce**'. 100', Zone 2. Bluish foliage. Widely planted across the country. Our seedlings and transplants are grown at a low bed density without excessive fertilization and are not root pruned resulting in superior quality. Planted 2000.

*Picea pungens*, '**Super Blue**'. Zone 2. A special selection from Treehaven Evergreen Nursery. Planted 2009.

*Picea pungens glauca*, '**Baby Blue Eyes**'. Zone 2. 15' – 18'. Dwarf selection of Colorado Blue Spruce. Bright silvery blue foliage. Planted 2006.

*Picea pungens glauca*, '**Backeri**'. Zone 2. 30'. Grafted. Tolerates drought conditions very well after established. Good blue color. Planted 2006.

*Picea pungens glauca*, '**Fat Albert**'. Zone 2. to 15'. Grafted. Tidy uniform habit with good blue color. Planted 2007.

*Picea pungens* '**Hoopsi**'. Zone 2. to 90'. Grafted. Considered to be one of the most bluest spruces. Broad pyramidal form with stiff layered branching. Planted 2007.

*Picea pungens glauca*, '**Majestic Blue**'. Zone 2. To 100'. A special seed grown selection reported to have fast growth and over 90% blue color (not guaranteed). Planted 2008.

*Picea pungens glauca*, '**Fastigata**', **Fastigata Columnar Blue Spruce**. Zone 2. Up to 15'- 20'. Tight columnar habit and very blue color. Branches can also be kept tighter with pruning for very narrow spaces. Planted 2009.

*Picea pungens glauca*, '**Thompson**'. Grafted selection of Colorado Blue Spruce from an unidentified source. The tree was simply labeled "Thompson". Exceptionally blue in color. The future size will be a surprise to someone in years to come. Planted 2005.

*Picea pungens*, '**Glauc Globosa**', **Globe Blue Spruce-Tree Form**. Zone 3. Grafted on a standard. Standards can be from 12" to 3' tall. 5-6' spread. Globe shaped dwarf evergreen with a flat top, dense branching. Blue foliage color. Great small accent plant. Planted 2002.

*Picea pungens*, '**Pendula**'. Zone 2. Weeping Large Blue Very blue needles and dense, weeping branches create a beautiful cascading effect that is reminiscent of a waterfall. Stake upright and allow to fall or simply permit it to ramble along the ground. This tree makes a very dramatic statement in a garden. Planted 2009.

*Picea pungens*, '**Procumbens**'. Zone 2. Prostrate Intermediate, Blue. A spreading undulating groundcover produces a striking effect when planted to drape over a rock wall or slope. It makes an excellent alternative to a ground cover juniper. Planted 2009.

*Picea pungens*, '**RH Montgomery**', **Montgomery Spruce**. Zone 3. A blue dwarf form of Colorado Blue Spruce. Can be a flat globe or an upright conical dwarf. Plant was found in about 1949. Planted 2002.

*Picea*, '**Siberian Spruce**'. Special selection from Treehaven Evergreen Nursery. Planted 2009.

*Pinus aristata*, '**Bristlecone Pine**'. Zone 4. 'Picturesque dwarf pine. Tough, slow grower and extremely drought tolerant. 8' to 45' tall. Native to high elevations in the Rocky Mountains. Despite some books calling this a Zone 4 or 5 it has done very well in our Zone 3 climate. The oldest known tree is named "Methuselah", which is 4,789 years old, growing in the White Mountains in California around 10,000 feet in elevation. The average age of the trees there is around 1,000 years. Many Bristlecone's outlive Giant Redwoods. Planted in 2005 in our gardens.

*Pinus banksiana*, '**Jack Pine**'. Zone 2. 50' to 70'. Northern most pine of North America. Easiest pine to transplant, even on difficult sites. Great windbreak tree. Planted 2006.

*Pinus cembra*, '**Swiss Stone Pine**'. Zone 3. To 50' + Narrow columnar tree with soft dark green leaves with bluish-white on the inner sides. Planted 2005.

*Pinus cembra*, '**Swiss Stone Pine**'. A special selection grafted by Mitsch Nursery. Planted 2008.

*Pinus contorta latifolia*, **Rocky Mtn. Lodgepole Pine**. Zone 4. 75' tall slender tree with virtually no taper, thin bark with a clean trunk. Quite ornamental when young. Important species in commercial forestry. Only one native Lodgepole was here when we purchased our original 1.75 acres. Planted several more in 2006, 07, 08, 09.

*Pinus flexilis*, '**Limber Pine**'. Zone 2. To 60' and very long lived. Slow growing withstands drought. Often seen on high windy ridges which makes for some very distorted trees. Extremely hardy in very cold windy conditions. Limber branches withstands heavy snow loads without breaking. Planted 2006.

*Pinus flexilis*, '**Joe Burke**'.

*Pinus flexilis*, '**Vanderwolf**'. Zone 4. A cultivar developed in 1972. An exceptionally dense, symmetrical, conical tree; grows about 25 cm per year; foliage is dark blue-green; originated as a seedling at Vermeulen Nursery, Neshanic Station, New Jersey, and introduced in 1972, has recently become a very popular selection in America. Planted 2009. By late winter it is showing considerable browning of the needles and we will not be selling this tree until more test results show us something better.

*Pinus koraiensis*, '**Korean Pine**'. Zone 4. 40 – 50'. Profoundly beautiful, dark green, dense pyramidal, slow growing. Planted 2006.

*Pinus mugo mughus*, **Mugo Pine or 'Swiss Mountain Pine'**. Zone 2. 8-10'. The most common ornamental variety of Mugo Pine. Our seed is collected from stands carefully selected and recognized for their dependable ornamental form. Planted 2004.

*Pinus mugo pumilo*, '**Abruzzi-Maiella**', **Dwarf Mugo Pine**, Zone 2. 3-6'. The ultimate Dwarf Mugo Pine. Grown from seed gathered in the Abruzzi-Maiella Mountains in central Italy. Very drought tolerant, low, dense-compact form. Planted 2004.

*Pinus mugo*, '**Donna's Mini**'. Zone 2. Miniature, Globe shaped, Green. Stays tiny, even when mature. Super slow growing. Very short green needles only 5/8" long. Seems to resemble a small sea urchin or pincushion. Planted 2009.

*Pinus mugo*, '**Mops**'. Zone 2. Dwarf, globe shaped, Green. Very slow growing low dense dome. A hint of gray-blue in the green needles with winter color taking on a warm golden hue. Planted 2009.

*Pinus mugo*, '**Pauls Dwarf.**', Zone 2. Globe shaped, green. Extremely short needles. Great for rock gardens and Bonsai. Great for a natural alpine garden look. Planted 2009.

*Pinus mugo pumilo*, '**Swiss Alps**', **Dwarf Mugo Pine**. Zone 2. 3 to 6'. Grown from selected Swiss Alps seed source known for very low, dense growth. Planted 2005.

*Pinus mugo*, '**Slowmound**'. Zone 2. Dwarf Globe shape. As a signature Jean Iseli plant, it exhibits a superior marked improvement over other selections. Highly reliable dark green mound is one of the best. Great in small spaces as it only grows 1' to 2' in ten years. Planted 2009.

*Pinus mugo*, '**Teeny**'. Zone 2. Dwarf, Globe shaped. Uniform straight, rich green needles. Very neat habit and very slow growing. Planted 2009.

*Pinus mugo*, '**White Bud**'. Zone 2. Dwarf, Globe Shape. Cold winter weather brings a white resinous coating to each terminal bud, producing a dramatic frosty effect against the dark green needles. Maintains a small stature without pruning. Planted 2009.

*Pinus nigra*, '**Austrian Pine**'. Zone 4. To 150'. Fast growing, widely planted species in landscaping, along roads, for dense windbreaks or screens and commercial Christmas tree plantations. Very adaptable to wind, cold, smog, salt and from heavy clay to sandy soils. Planted 2007.

*Pinus nigra*, '**Arnold Sentinel**'. Zone 4. Columnar form of Austrian Pine. Planted 2008.

*Pinus ponderosa*, '**Western Yellow Pine**'. Zone 4. To 200'. Fast growing forest and timber tree. Frequently used as a rootstock for 3 and 5 needle pines. Can be very difficult to transplant. Native here. Planted several more 2000 through 2009.

*Pinus ponderosa* '**Gates of the Mountains**'. A special grafted selection from a ponderosa in the Gates of the Mountains area discovered by Clayton Berg. The tree exhibited an extremely rare columnar habit.

*Pinus strobes*, '**Eastern White Pine**'. Zone 4. 100' – 150'. Native to the U.S. A five soft needle Pine that is fast growing in a variety of soils. Seed source MN. Planted 2005.

*Pinus sylvestris*, '**East Angila**', **Scotch Pine English Strain**. Zone 2. 30' to 60'. Fast growing non-yellowing with shorter internodes. Seed source East Angila, England. Planted 2006.

*Pinus sylvestris*, "**Artic**", **Scotch Pine Artic Strain**. Zone 2, 50' – 60'. Extremely cold hardy. Green color in summer turning bright ornamental yellow in winter. Seed origin Russia. Planted 2007.

*Pinus sylvestris*, '**Auvergne**', **Scotch Pine French Blue Strain**. Very good winter color retention and great for Christmas trees as it shears well. Seed origin from Massif Centra-Haute, France. Planted 2007.

*Pinus sylvestris*, '**Belgium**', Scotch Pine Campine Strain. Zone 3. Up to 60'. Medium growth rate. One of the best Christmas tree strains. Holds color in winter. Similar or better than E. Angila. Seed source from Belgium. Planted 2007.

*Pinus sylvestris*, '**Globosa**' **Viridis**'. Zone 3. Dwarf, Upright Broad. Tufts of green foliage on the tips of branches contain both shorter, lighter-green needles and longer, darker –green needles, a unique characteristic that produces a starburst-like quality. Planted 2009.

\*\**Pinus wallichiana*, '**Himalayan White Pine**'. Zone 5. To 150' tall. Grows between 7,000 to 12,000' in the Himalayan Mountains. Soft blue green texture, five needle pine. Single specimen will develop long dense horizontal branches to the ground. For 2010 testing.

*Pseudotsuga menziesii* '**Glauca**', '**Blue Douglas Fir**'. Zone 4. 70-250'. Rocky Mountain Douglas Fir which is bluer than west coast origins, much hardier and more widely adapted. Planted 2007.

*Thuja occidentalis*, **American Arborvitae**, **White Cedar**. Zone 3. To 40' tall. Native to eastern U.S. and Canada. Makes an elegant, narrow hedge either sheared or left to its natural pyramidal shape. Planted 2007.

*Thuja occidentalis* , '**Emerald Green**', **Emerald Green Arborvitae**. Zone 3. 10' to 15' tall. Probably the most popular for upright growing evergreen for privacy hedge or screen. Planted 2006.

*Thuja occidentalis* , '**Golden Globe**'. Zone 3. Upright Broad, Intermediate, Yellow. Unlike its name, though, the mid-size plant isn't really globe-like. Instead , it has a uniform, upright, broad profile. Great for sites that call for an intermediate size and a contrasting color. Adaptable to many conditions and fairly hardy. Planted 2009.

*Thuja occidentalis* , '**Golden Tuffe**'. Zone 3. Spreading, Dwarf, Golden- Orange color has an unusual braided texture. Pillow shaped tuffet grows wider than tall, reminiscent of a mushroom cap. Full sun to part shade. Planted 2009.

*Thuja occidentalis* , '**Hetz Midget**'. Zone 3. Dwarf, globe shape, green. A dense rounded slow growing selection with tight green lacy foliage that turns somewhat a bronze tone in the winter. Raised from seedlings by Frank Hetz around 1930 and introduced in 1942. Planted 2009.

*Thuja occidentalis* , '**Miky**'. Zone 3. Dwarf, Upright Broad, Green. Green in summer and somewhat red-brown in winter. Good as a single accent, a grouping, or as a hedge. Planted 2009.

*Thuja occidentalis* , '**Pendula**'. Zone 3. Weeping, Intermediate, Green. Soft green lacy foliage , makes great bird habitat. Planted 2009.

*Thuja occidentalis* , '**Rheingold**'. Zone 3. Dwarf, Globe Shaped, Yellow. Spring and summer offer intense, orange-yellow foliage. Winter brings a deep copper-orange color. Responds well to shearing if wanted. Planted 2009.

*Thuja occidentalis* , '**Sherwood Frost**'. Zone 4. Dwarf, Upright Broad, Green-Yellow. Foliage tips appear frosted with creamy white color. Foliage seems to sparkle in the winter days. Best in full to part sun. Planted 2009.

*Thuja occidentalis* , '**Zmatlik**'. Zone 3. Intermediate, Upright Narrow, Green. Discovered in the Czech Republic in 1984. Use as a focal point or privacy screen. Planted 2009.

\*\**Tsuga canadensis*, '**Abbot's Pygmy**'. Zone 4. Miniature, Globe shaped, Green. One of the smallest mini-conifer in the genus. Locate it where it will not be stepped on and in a place where it will be easily seen. Great for rock garden or raised bed. A tough plant but likes protection from hot afternoon sun. Planted 2009.

\*\**Tsuga canadensis*, '**Canadian Hemlock**'. Zone 4. 30' to 40'. Native to U.S. Pyramidal growth, branches often droop. Can be easily sheared into a hedge. Full sun to shade. Planted 2007.

\*\**Tsuga canadensis*, '**Cole's Prostrate**'. Zone 4. Dwarf, Prostrate, Green. An outstanding underused Hemlock. Gnarly interior branches show off the plants silver bark. Use to drape over or around rock walls. Planted 2009.

\*\**Tsuga canadensis*, '**Jean Iseli**'. Zone 4. Short green needles. Delicate texture comes from tertiary branchlets, only 1 ½ time longer than the needles, which break bud intermittently along new growth. An Ed Wood seedling named in honor of dwarf conifer pioneer Jean Iseli. Planted 2009.

\*\**Tsuga canadensis*, '**Jervis**'. Zone 4. Dwarf, Upright Broad, Green. Grows slowly into irregular, upright forms with prominent buds and short twiggy growth. Planted 2009.

\*\**Tsuga canadensis*, '**Moon Frost**'. Zone 4. Dwarf, Globe shaped, White. Bright white new growth with older inter green foliage. The white color takes on a blush of pink in winter months. Grows a bit faster with age but still remains a small dwarf plant. Planted 2009.

\*\**Tsuga(syn. platycladus) orientalis*, '**Collen's Gold**'. Zone 5. Intermediate, Upright Narrow. Oriental Arborvitae with orange-yellow foliage. Good vertical accent best in full sun. Planted 2009 for testing.