

# *Picea abies*

## 'Pumila'

### Dwarf Norway Spruce

#### Pinaceae



Located in Waxman Garden by W.B.  
Young bldg.

- needles .5"-1" long, dark green, stiff and pointed
- needles borne densely along branches
- needles attach to persistent pegs on branches
- habit dense, multi-stemmed, shrub-like
- habit rounded; a small to medium shrub, no distinct leader, branches layered or somewhat erect
- cones rarely produced
- ultimate size may vary; the name 'Pumila' is applied to various cultivars with similar, though slightly different habits

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| [Back to Walk 3](#) |

# *Picea glauca* 'Conica'

## Dwarf Alberta Spruce Pinaceae



Located near entrance of  
Congregational church at intersection  
of 195 and N. Eagleville Rd (group).

- needles short, .5", very thin and fine-textured
- needles borne densely on twigs
- needle color bright green in summer, yellowish cast in winter
- habit dense, tight pyramidal shape, "soft" look and feel
- cones not seen on this cultivar
- branches may revert to species-type with larger growth
- form of cultivar is dwarf relative to species

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| [Back to Walk 3](#) |

# *Picea abies*

## Norway Spruce

### Pinaceae



Located on northwest side of Wood Hall.

- needles .5"-1" long, pointed, stiff
- needles dark green, not sharply pointed
- main branches ascend slightly from trunk, tips upright
- branchlets hang straight down from side branches of mature plants
- cones very large, 4"-6" long, light brown when mature
- cone bracts have wavy, blunt ends
- habit similar to *P. omorika*, but much wider

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| [Back to Walk 3](#) |



# *Picea glauca*

## White Spruce

### Pinaceae

Located in line of trees across the street from Budds building (multi-trunked specimen).

- needles .5"-1" long, blue-green, stiff but not sharply pointed
- tree lacks pendulous branchlets
- stem color light brown/yellowish
- twigs often have damage from Eastern Spruce Gall Adelgid (brown, thickened regions)
- cones small, 2", bullet-shaped, smooth bracts
- habit relatively stiff/rigid with horizontal side branches

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| [Back to Walk 3](#) |

# *Picea omorika*

## Serbian Spruce

### Pinaceae



Located in median planter between Fine Arts complex and South Dorm lots.

- needles 1" long, dark green on top, lighter blue underneath
- needles flattened and relatively thin, unusual for *Picea*
- needles much thinner than *Picea abies*
- side branches have ascending tips
- branchlets hang down from side branches
- habit very narrow and pyramidal
- form similar to *Picea abies*, but much more narrow
- cones 2-3" long, bracts broad and rounded
- cones much shorter than *Picea abies*

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[| Back to Walk 3 |](#)

# *Picea orientalis*

## Oriental Spruce

### Pinaceae



Located in Fine Arts complex.

- needles very short, .25"-.5" long
- needles dark green, pointed forward
- needles often cover terminal bud on stems
- needles soft to touch, fine-textured
- branches borne densely on trunk
- cones 2"-4" long, smooth bract margins
- habit is a small to medium tree, pyramidal habit

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| [Back to Walk 3](#) |



*Picea*  
*engelmannii*  
Engelmann Spruce  
Pinaceae

Located on northeast side of Beech  
Hall

- needles long, 2", pointed forward
- needles glaucous blue-green, curving
- needles stiff but not sharply pointed
- older branches slightly pendulous
- cones small, 3", bract ends wavy
- habit narrow, pyramidal

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| [Back to Walk 3](#) |

# *Picea pungens*

## Colorado Spruce

### Pinaceae



Located on northeast side of Beech Hall (group).

- needles 1" long, very stiff and sharp to touch (hurtful)
- needles borne radially around stem
- needles vary in color, green to deep blue
- needles often have dieback damage from Spruce Gall Adelgid (brown, thickened areas)
- cones 3"-4" long, 2 teeth per bract end
- cones light brown
- habit dense when young, more open with age
- branches horizontal and stiff, no pendulous branchlets

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| [Back to Walk 3](#) |