White Spruce  
Picea glauca

- **Plant Characteristics:** A broad, dense pyramid in youth, becoming a tall, fairly narrow conical tree with horizontal to ascending branches.

- **Size:** Height: 40–60’  
  Width: 10–20’

- **Foliage:** Persist 3 to 4 years. Needles are crowned on upper side of branch. 1/2 to 3/4” long. When crushed the needles have a smell described like a skunk or cat urine.

- **Flower:** not ornamentally significant

- **Fruit:** cones found towards the ends of branches and are 1” to 2.5’ long  
  Cone scales are thin rounded and have smooth margins and are light green color turning to a light brown at maturity.

- **Soil:** Prefers acidic soil and makes its best growth on moist loam or alluvial soils.

- **Tolerances:** One of the most tolerant spruces as it withstands wind, heat, cold, drought and crowding.

- **USDA Hardiness Zone:** Zone 2–6

- **Light Range:** Full sun

- **pH Range:** 4.0 – 7.5

- **Other:**
  - Useful as a mass, hedge, and windbreak
  - Abundant variation in needle color from green to blue, selections have been made to the latter color.