**Snow Depth & Tree Height
Eastern Transect Profile**

WESTERLY WINTER WIND ⟹

Snow Z
Fir Tree Ht
Spruce Tree Ht
Snow Z - Polyn(6)

Avg. Snow Z (cm)

Avg. Tree Height (m)

RIBBON ⟵ →

RIBBON ⟵ →

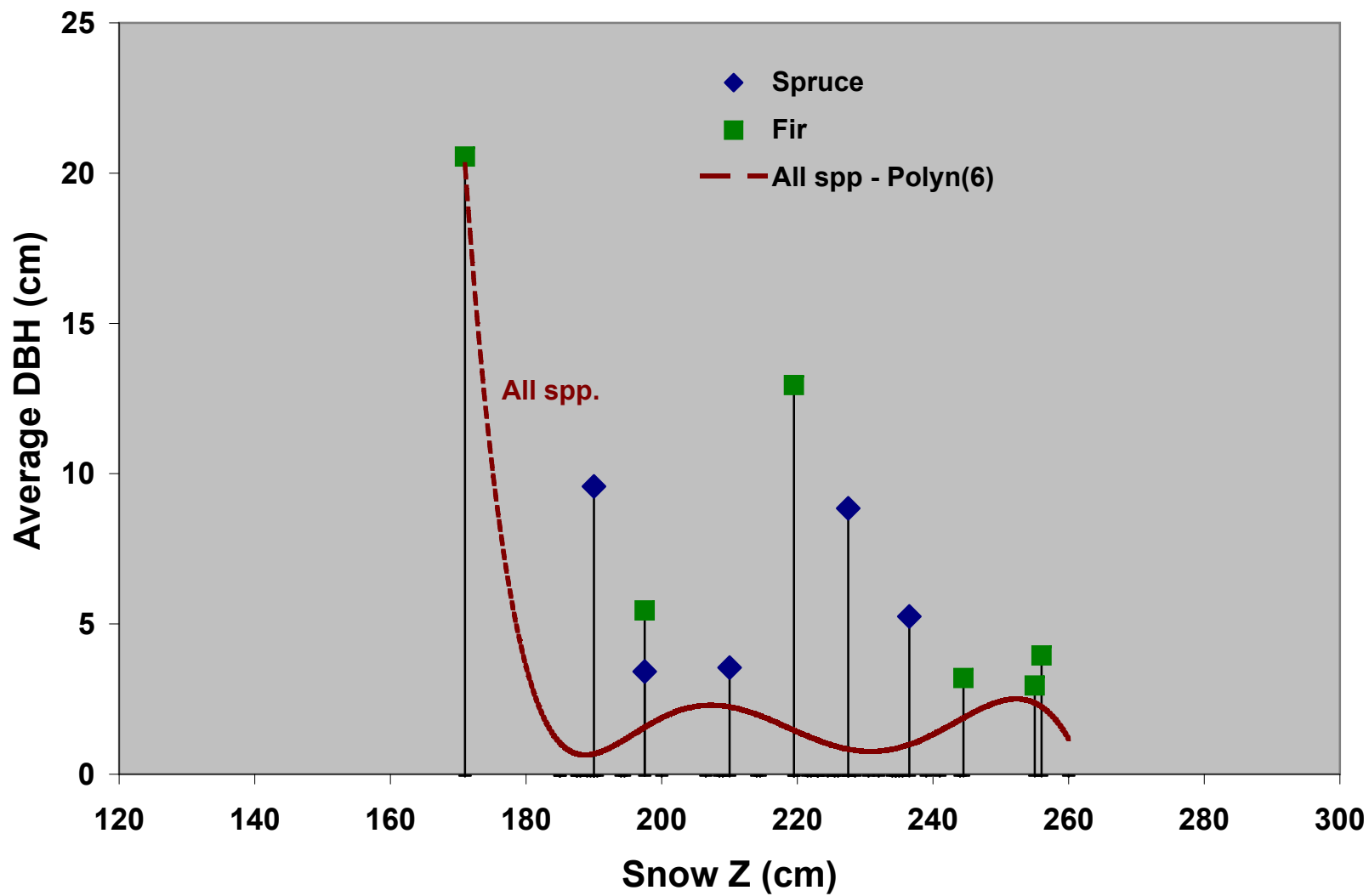GLADE ⟵ →

West

East

Distance (m)
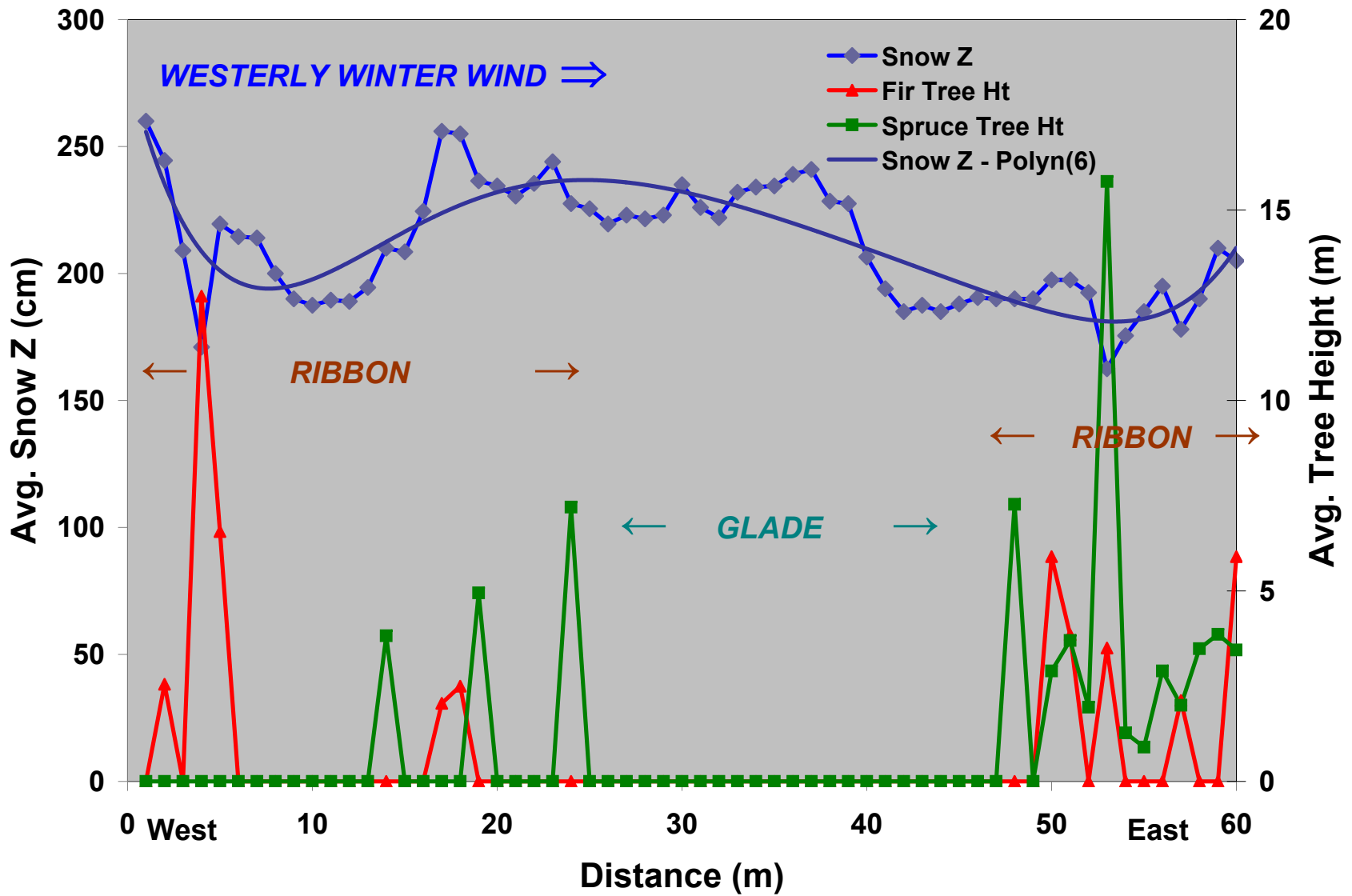
Tree Height vs. Snow Depth
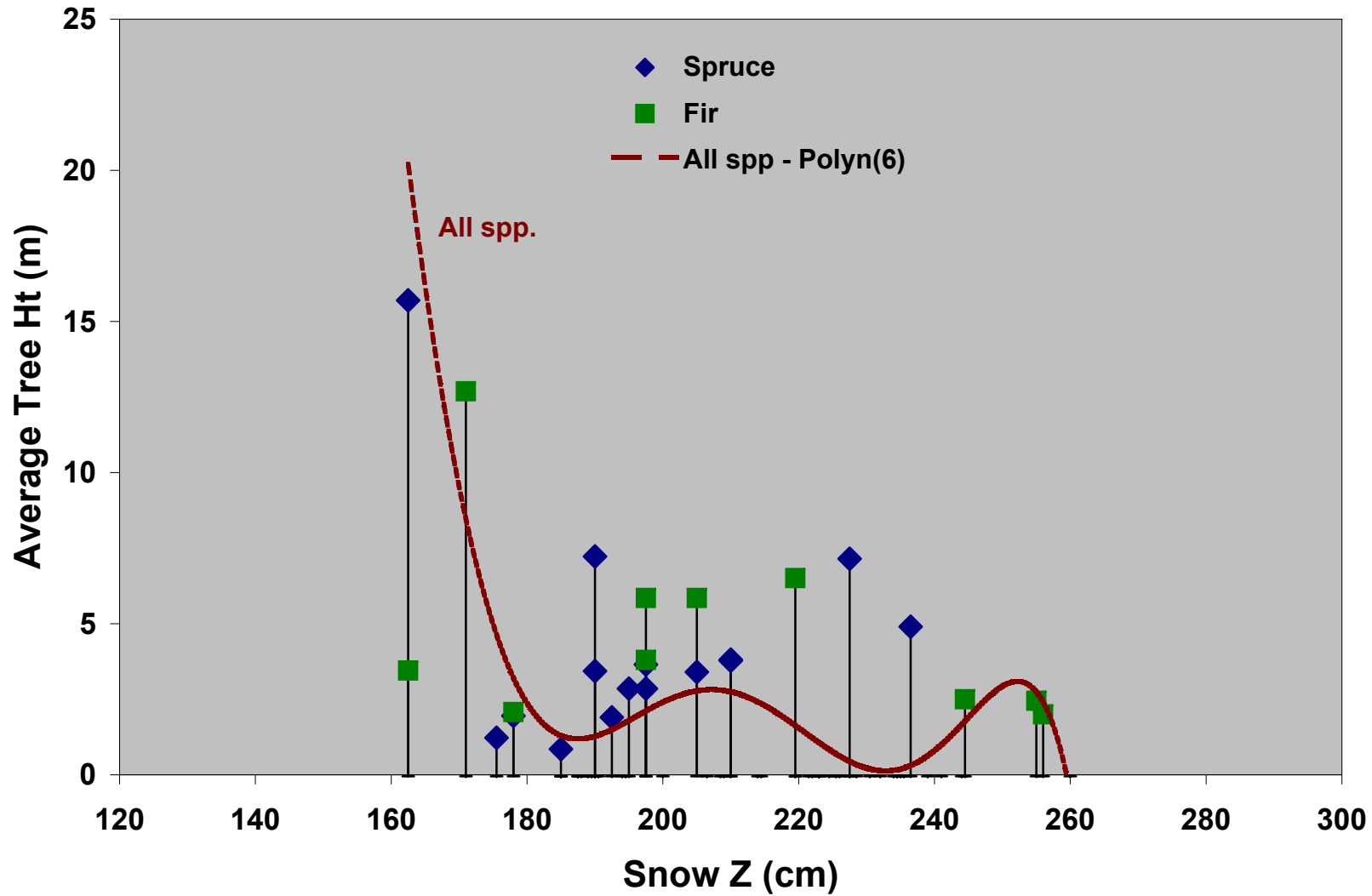
**Diameter vs. Snow Z**

DBH as measured from snow surface

# Number Trees vs. Snow Z



*(Chart titled "Number Trees vs. Snow Z"; x-axis: Snow Z (cm), y-axis: # Individuals. Legend: Spruce, Fir, All spp, All spp. - polyn(6). Curve labeled "All spp.")*
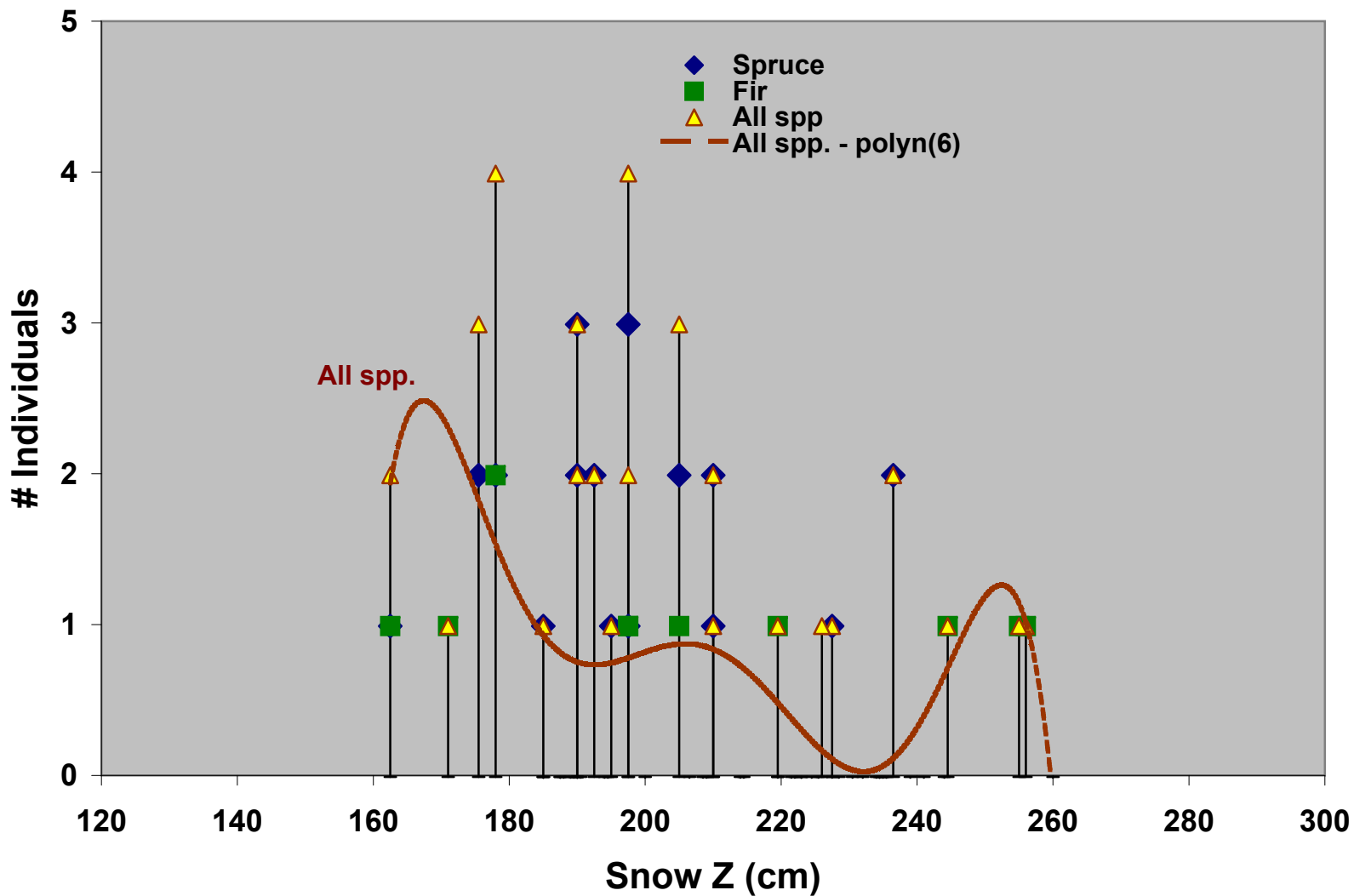
**Tree Diameter vs. Height**

DBH as measured from snow surface

$y = 1.5331x - 0.0115$
$R^2 = 0.9399$

$y = 1.1117x + 0.1718$
$R^2 = 0.9547$

- ◆ Spruce
- ■ Fir
- —— Linear (Spruce)
- —— Linear (Fir)

Average DBH (cm)

Average Ht (m)