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Fagus sylvatica (European Beech) ID# 1134

Alejandro Rojas

Salve Regina University, alejandro.rojas@salve.edu

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Salve Regina European Beech

Alejandro Rojas

<p>European Beech Fagus Sylvatica Tree Number: 1134 Across the road from the Mercy Chapel Height: 25.92 m DBH: 112.6 cm Radius of Crown: 8.3 m Condition: Fair Age Class: Mature Dates of Observation: September 25, 2017, November 5, 2017, November 20, 2017 Alejandro Rojas</p>	
<p>Observation 1 September 25, 2017 On the first day of observation it was 65 degrees Fahrenheit and the majority of leaves were still a green color. Barely any leaves had fallen on the ground yet.</p>	
<p>Observation 2 November 5, 2017 On this day the temperature was about 55 degrees Fahrenheit and the leaves had already turned a yellow color. Most of the leaves had already fallen on the ground.</p>	
<p>Observation 3 November 20, 2017 The temperature this day was around 43 degrees Fahrenheit and there were no leaves left on the tree.</p>	

<p>Summary: By watching this tree from September to November, the trees transition from fall to winter was made apparent. From mostly green leaves to yellow leaves. Then finally it shed all the leaves to get ready for winter. They begin to use the energy they stored from photosynthesis and respiration to survive in the harsh winter where there is little sunlight.</p>	
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