

Salve Regina University

Digital Commons @ Salve Regina

BIO 140 Arboretum Project

Student Work on Display

12-2017

Fagus sylvatica (European Beech) ID# 1134

Alejandro Rojas

Salve Regina University, alejandro.rojas@salve.edu

Follow this and additional works at: https://digitalcommons.salve.edu/bio140_arboretum



Part of the [Environmental Monitoring Commons](#)

Recommended Citation

Rojas, Alejandro, "Fagus sylvatica (European Beech) ID# 1134" (2017). *BIO 140 Arboretum Project*. 3. https://digitalcommons.salve.edu/bio140_arboretum/3

Rights Statement







In Copyright - Educational Use Permitted. URI: <http://rightsstatements.org/vocab/InC-EDU/1.0/>

This Item is protected by copyright and/or related rights. You are free to use this Item in any way that is permitted by the copyright and related rights legislation that applies to your use. In addition, no permission is required from the rights-holder(s) for educational uses. For other uses, you need to obtain permission from the rights-holder(s).

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>	

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.