



Interpretive Photospheres For Environmental Inquiry on the SSU Campus: The Arbor

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Abstract/Introduction

This photosphere is to show the diversity of plants and wildlife near large bodies of water around the Sonoma State Campus. For this project we used an iPhone XS with the Google Street View app to make a photosphere. The photosphere was taken right next to the Art building on the west side of The Arbor. The project is meant to not only demonstrate the biodiversity near large bodies of water but also to show how it holds up to a decent amount of student traffic going in and out the area. A photosphere picture was used rather than a regular picture because it presents a much more immersive experience.

Materials & Methods

We used an iPhone XS with the Google Street View app to make Photosphere at *The Arbor*. The Google Street View app has the software that allowed us to create a photosphere.

The photosphere is annotated with 4 different organisms you can find near the area. The 4 organisms were researched and identified using a website called iNaturalist.

An unannotated version of the photosphere is available online for anyone to view. The annotated version of the photosphere will be available to view through a website.



Figure 1: *The Arbor Photosphere*

Figure 2: Daffodils



Daffodils (Genus *Narcissus*) are native to Europe. They are as described as having a high stem and bear one large blossom that is cleft into six lobes with a central bell-shaped crown.

Figure 3: California Poppy



The California Poppy (*Eschscholzia californica*) is native to North America. They are described as having four petalled flowers, usually yellow, orange, or cream with feathery gray-green foliage.

Figure 4: Nasturtium



Nasturtium (*Tropaeolum majus*) is native to the temperate Northern Hemisphere. They typically grow vine like or compact with nearly round leaves, flowers are bright orange and long yellow spurs.

Figure 5: Canada Goose



Canada Goose (*Branta canadensis*) is native to North American. This is a large wild goose with a black head and neck, white cheeks and underside of chin, and a brown body.