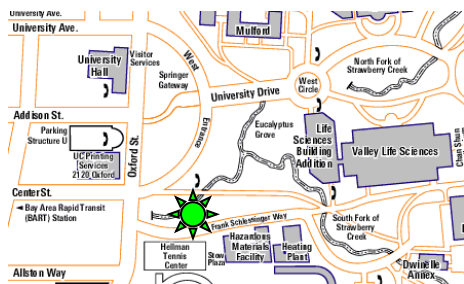


Grinnell Natural Area Native Biodiversity Restoration Project

The Grinnell Natural Area Native Biodiversity Restoration Project is a multiyear project of weed removal and native plant re-vegetation along the banks of Strawberry Creek in the Grinnell Natural Area at the West Entrance of the University of California, Berkeley campus in Berkeley, California. The project consists of removal of invasive species of such as Periwinkle (*Vinca minor*) and English Ivy (*Hedera helix*) which are recognized by the California Invasive Plant Council as species of significant concern to California wildlands. These areas of low biodiversity are then be re-planted with locally native plants that will provide improved habitat for other flora and fauna and which will contribute to improved aesthetic conditions, water quality and educational opportunities.



The project formulated in 2004 as a demonstration project to convert a poorly use area overgrown with weeds in the vicinity of an grove of California live oak trees that are a remnant of the historic campus ecosystem that existed prior to urbanization of Berkeley. Two phases of planting were completed in the winters of 2005-06 and 2006- 07.

A goal of the project is to include students from the university and from local elementary, middle and high schools as part of their studies. To date the project has included participation of around five hundred students from UC Berkeley, Berkeley High School and elementary schools.

The project serves as a showcase of ecological restoration in a highly visible area with a great amount of foot-traffic. Locally available natural areas are often overlooked in urban areas as areas perceived to have aesthetic or ecological value. The attractive groundcover provided by native vegetation will serve as a “Green Gateway” through the west entrance of the campus at Oxford and Center streets.

Project Metrics

Funding: \$3,500 Chancellor’s Green Campus Fund grant (two cycles), \$1,450 Alameda Countywide Clean Water Program Community Stewardship Grant.

Area planted = ~ 3, 600 square feet

Number of plants planted = ~1,100 Number of plant species re-introduced = ~ 60

In order to prevent genetic contamination of locally native plants, it is a goal of the project to adhere to University Natural Reserve System and California Native Plant Society guidelines to the greatest extent feasible in using only plants collected and grown from local sources.

For more information, contact the Office of Environment, Health & Safety at 642-3073.

To support this and similar projects on Strawberry Creek, please consider donating to the Strawberry Creek Fund at:

strawberrycreek.berkeley.edu



AlamedaCountywideCleanWaterProgram



**Grinnell Natural Area
Native Biodiversity Restoration Project
Planting List (updated April 30, 2007)**

Forbs and shrubs	
<i>Achillea millefolium</i>	Yarrow
<i>Actaea rubra</i>	Red baneberry (poisonous)
<i>Aristolochia californica</i>	California pipevine
<i>Artemisia californica</i>	Sagebrush
<i>Artemisia douglansiana</i>	Mugwort
<i>Aster chilensis</i>	California aster
<i>Baccharis pilularis</i>	Coyote bush
<i>Camissonia ovata</i>	Suncup
<i>Chlorogalum pomeridianum</i> var. <i>pomeridianum</i>	Soap Plant
<i>Clinopodium douglasii</i> (<i>Micromeria chamissonis</i>)	Yerba buena
<i>Delphinium californicum</i>	California delphinium
<i>Escholtzia californica</i>	California poppy
<i>Fragaria vesca</i>	Woodland strawberry
<i>Gnaphalium palustre</i>	Western marsh cudweed
<i>Grindelia hirsutula</i> var. <i>hirsutula</i>	Hairy gumplant
<i>Helenium puberulum</i>	Rosilla, Sneezeweed
<i>Hemizonia congesta</i>	Hayfield tarplant
<i>Heracleum lanatum</i>	Cow parsnip
<i>Heuchera micrantha</i>	Alumroot
<i>Iris douglasiana</i>	Douglas iris
<i>Lonicera hispidula</i>	Honeysuckle
<i>Lotus scoparius</i> var. <i>scoparius</i>	Deerweed
<i>Lupinus</i> sp	Lupine
<i>Madia sativa</i>	
<i>Mimulus aurantiacus</i>	Sticky monkey flower
<i>Mimulus guttatus</i>	Yellow monkey flower
<i>Physocarpus capitatus</i>	Ninebark
<i>Potentilla glandulosa</i>	Sticky cinquefoil
<i>Prunella vulgaris</i>	Common selfheal
<i>Ranunculus californica</i>	California buttercup
<i>Rhamnus californica</i> ssp. <i>californica</i>	Coffeeberry
<i>Ribes menziesii</i>	Canyon gooseberry
<i>Ribes sanguineum</i> var. <i>glutinosum</i>	Red-flowered currant
<i>Rubus parviflorus</i>	Thimbleberry
<i>Scrophularia californica</i> ssp. <i>californica</i>	California Figwort, Beeplant
<i>Sisyrinchium bellum</i>	Blue-eyed grass
<i>Stachys ajugoides</i> var. <i>rigida</i>	Hedge Nettle

Forbs and shrubs cont.	
<i>Symphoricarpos albus</i>	Snowberry, Bush
Tarplant unidentified- Cerrito Creek	
<i>Tellima grandiflora</i>	Fringe cups
<i>Veronica americana</i>	American brooklime or speedwell
<i>Wyethia angustifolia</i>	Mules ears

Grasses, sedges and rushes	
<i>Agrostis pallens</i>	Bent grass
<i>Bromus carinatus</i> var. <i>carinatus</i>	Brome, California
<i>Carex densa</i>	
<i>Carex obnupta</i>	Slough sedge
<i>Carex praegracilis</i>	Deer-bed sedge
<i>Carex subbractiata</i>	
<i>Dathonia californica</i>	California oat grass
<i>Elymus glaucus</i> ssp. <i>glaucus</i>	Blue wild rye
<i>Elymus trachycaulus</i> (RFS)	Slender wheatgrass
<i>Festuca californica</i>	California fescue,
<i>Hordeum brachyantherum</i>	California meadow barley
<i>Juncus balticus</i>	Baltic wire rush
<i>Juncus patens</i>	Spreading rush
<i>Juncus</i> UCB Upper Jordan	Unidentified rush
<i>Juncus xiphiodes</i>	Iris leaved rush
<i>Koeleria macrantha</i>	June grass
<i>Melica californica</i>	California melic grass

Common Weeds	
<i>Avena Fatua</i>	Wild oats
<i>Erharta erecta</i>	Panic veldt grass
<i>Hedera canariensis</i>	Algerian Ivy
<i>Hordeum murinum</i>	Hare barley
<i>Malva neglecta</i>	Common mallow
<i>Medicago polymorpha</i>	Burclover
<i>Solanum nigrum</i>	Black nightshade
<i>Sonchus oleraceus</i>	Annual sow-thistle
<i>Stellaria media</i>	Common chickweed
<i>Vinca major</i>	Periwinkle

For more information go to <http://strawberrycreek.berkeley.edu>.