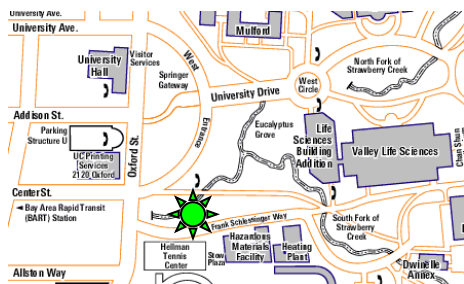


Grinnell Natural Area Native Biodiversity Restoration Project

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. In fill planting was completed in 2007-08.

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 = ~1,300 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 February 21, 2008)**

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

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

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

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

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