



# CANYON RESTORATION PROJECT

In 2007, fire devastated huge swaths of Griffith Park, including the Fern Canyon area near the merrygo-round. Although fire is an essential, healthy part of the natural ecosystem, nature sometimes needs a helping hand to recover from a disaster of this magnitude. Fern Canyon, once a lush, seasonal riparian area and beautiful nature walk was in dire need of restoration after the fire and recent drought.

As the mission of Friends of Griffith Park is to protect and preserve the Park's precious resources, our organization realized Fern Canyon would recover from the effects of the fire more quickly with an infusion of human intervention. With this in mind, Friends of Griffith Park approached the School for Environmental Studies at John Marshall High School to enlist their aid in the recovery of Fern Canyon.

In order to successfully plant native species, Marshall students conducted soil sample tests to identify which plants would do best in which areas. Based on those results, students created a plant list and drew plans to achieve optimal plant distribution.

It was essential that these plants eventually survive on their own and to achieve this goal, Marshall students

Students from the School for Environmental Studies at John Marshall High School / Native Planting in Fern Canyon, January, 2014











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hand-carried water to the site as the area has no natural irrigation system. Griffith Park Rangers helped the process by providing a watering tank near the planting site.

In addition to damage from the fire, the Fern Canyon area was impacted by spates of vandalism. In order to address the issue, Marshall students along with other volunteers, worked to mitigate graffiti and repair the vandalism done to this natural amphitheatre.









School for Environmental Studies at John Marshall High School

Jay Benoit Environmental Studies instructor

#### student participants

Kelvin Alas Aurelio Aguilar Victoria Aquilar Vanessa Aldana Melissa Alvarez Jocelyn Antonio Vahe Asatryan Ada Blanco Raquel Burgos Brayan Cabada Joanna Caguitquit Gabriela Castaneda Dakota Chan Diego Chavez Yulisa Chavez Elizabeth Cisneros Karla Claustro Karla Colorado

Stephanie Cruz Kristian Dela Cruz Ismanuelle Dones Anahit Dzhimbashyan **Emily Fainsan** Elizabeth Funes Godofredo Galsim Carolina Garnica Audrea Gomez Samreen Hasnat Frances ladarola Christopher Luna Mark Madria Amado Martinez Jr. Samantha Martinez Anthony Mejia Belbeth Mendez Kimberly Merida David Nimatuj Alexis Nova Yael Nunez

Tatiana Ortiz Jaime Pantoja Matthew Pena Kevin Plaza Inah Raquedan Christine Reyes Victoria Reynosa Elmer Sabillon Sandra Sagrero Luis Sanchez Joselin Santiago Michelle Simbajon Magali Toc Melissa Torres Joseph Trillana Yeimy Vasquez Nicole Vazquez Jason Vera Michael Zambrano Perez Alis Zardarian

The Native Plant Palette in the Fern Canyon area: SHRUBS & PERENNIALS

Lemonade Berry Rhus integrifolia

Purple Sage Salvia leucophylla (Point Sal)

Toyon Heteromeles arbutifolia

Sugar Bush Rhus Ovata

Coffeeberry Rhamnus californica

Laurel Sumac Malosma laurina

Coyote Brush Baccharis pilularis

Nevin's Barberry Berberis nevinii

Creeping Snowberry Symphoricarpos mollis

Coffee Fern Pellaea andromedifolia

Bird's Foot Fern Pellaea mucronata

Hollyleaf Redberry Rhamnus ilicifolia

Hollyleaf Cherry Prunus ilicifolia
White Sage Salvia apiana

Fuscia-flowered

Gooseberry Ribes speciosum

Hairy-leaf Ceanothus Ceanothus oliganthus

California Buckwheat Eriogonum fasciculatum

Red Willow Salix laevigata

California Wild Rose Rosa californica

Eastwood Manzanita Arctostaphylos glandulosa

Mugwort Artemisia douglasiana
California Sagebrush Artemisia californica

Mexican Elderberry Sambucus Mexicana

TREES

Coast Live Oak Quercus agrifolia

California Bay Laurel Umbellularia californica

Sycamore Platanus racemosa

Bigleaf Maple Acer macrophyllum











Friends of Griffith Park owes Griffith Park Rangers a tremendous debt of gratitude for their efforts in this native planting project as well as their ongoing commitment to protecting Griffith Park and those who utilize the Park.

Thanks also to Park Ranger Albert Torres who helped coordinate this project with Los Angeles Department of Recreation and Parks.





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## **FERN CANYON STAIRS RESTORATION**

Over the course of time, the Fern Canyon Trail has been heavily used by hikers going to the interior of Griffith Park. The stairs on the trail leading up from the amphitheatre were in need of repair. Recently the stairs had been closed due to damaging rainfall that made them dangerous. Because of overuse and rainfall, the hillside immediately adjacent to the stairs had also been impacted by erosion.

An Eagle Scout in need of a final project approached Friends of Griffith Park who then coordinated the restoration effort. With a great deal of advance preparation, Eagle Thanks to Eagle Scout Nick Sauer, his dad, Bob Sauer and all those from Eagle Scout Troop 31 who participated in this stair restoration project.

Special thanks to Kristin Sabo, the volunteer caretaker of Amir's Garden, who helped facilitate the construction with a stair-building lesson, and members of the LA Department of Recreation and Parks maintenance staff.









Scout Troop 31 completed the project in several days and the refurbished stairs have since been reopened.

This stairs project and the native plant restoration project (pages 1 - 5) are great examples of the positive effects of volunteer services education. These projects do not intrude on the existing natural beauty but restore native vegetation.

Both projects are the culmination of Friends of Griffith Park's partnerships with students from School for Environmental Studies at John Marshall High School, LA Department of Recreation and Parks maintenance crews, Griffith Park Rangers, Eagle Scouts, and area nurseries.

As Friends of Griffith Park identifies new areas within the Park in need of assistance, we will continue to engage volunteers in our efforts to preserve and protect this urban wilderness.



#### **PLANT UPDATE / SPRING 2014**

Because of the special care given during the early planting stage, this area is once again flourishing.

Weekly watering is still a priority as these plants are still establishing in the area; eventually they will thrive on their own.















#### **OUR MISSION**

Friends of Griffith Park is a non-profit charitable organization that promotes the enlightened stewardship of Griffith Park so it can survive and thrive in the 21st Century.

