

EarthTeam OB

January 19, 2016

26 EarthTeam students from San Lorenzo and Alameda Highschools worked for 2 hours at Oyster Bay in the prairie restoration site and litter pick up around the park. Students scraped back weeds and planted 25 native perennial grasses & forbs, while other students removed 15.1 pounds of trash.



Seed bank released!

After removing several dozen yards of old growth broom earlier in the season, the site now has 1000's of broom seedlings to control. Very few other plants, native or otherwise, have germinated, indicating that the broom in this area has been established long enough that the seed bank is exhausted, with the exception of broom seeds.



37.70831°, -122.19398° 297° NW 10.66m

15:05:01, 19/01/2016 5m

Torrey Pine Grove

After a very generous downpour in the morning, monarchs took advantage of the sun and dry weather to fly about a bit. No aggregations have been sighted as yet, but IPM has observed several monarchs flying around at each visit since November 2015.



37.70618°, -122.19556° 192° S 10.06m

14:54:07, 19/01/2016 5m



Seedlings, native & not...

Last restoration session, EarthTeam teens uncoverd a Coast Live Oak seedling. Its swimming in a sea of broom seedlings, but not for long.



37.70831°, -122.19398° 297° NW 10.65m

15:04:52, 19/01/2016 5m

Prunus illicifolia



37.70724°, -122.19543° 74° E 7.25m

14:55:23, 19/01/2016 5m



Prep

First step in planting is to scrape the soil of broom seedlings or annual grass seedlings. Students were careful to provide lots of breathing room for their native plants.



37.70814°, -122.19359° 248° SW 12.08m

15:12:41, 19/01/2016 5m



native perennial grass

Students planted many different types of native perennial grasses & forbs in an effort to see what would do well in this highly altered environment.

📍 showed.gentle.grades

🌐 37.70828°, -122.19395° ⚙ 301° NW ⚪ 9.08m

⌚ 15:28:50, 19/01/2016 ⏱ 5m

Site Prep & Tools

Students used MacLeods and shovels to prep and plant.



🌐 37.70825°, -122.19393° ⚙ 207° SW ⚪ 9.03m

⌚ 15:33:03, 19/01/2016 ⏱ 5m



planted & mulched

Students mulched around their plants to help control further weed seed from germinating and watered their plants.



🌐 37.70833°, -122.194° ⚙ 139° SE ⚪ 10.56m

⌚ 16:35:55, 19/01/2016 ⏱ 5m





Progress

Piles of dead broom & new natives



37.70811°, -122.19392°



251°



W



9.28m



16:59:25, 19/01/2016



5m

Plantings

Native perennials: grasses & forbs
mostly in D pots, to avoid digging too deep.
Soil was moist and somewhat rocky but with
sufficient clay and organic matter to help
plants establish.



37.70826°, -122.19368°



113° SE



9.4m



15:41:50, 19/01/2016



5m



Litter Pick Up

15 pounds of trash removed!



37.70824°, -122.19373°



83° E



8.48m



16:54:29, 19/01/2016



5m



Team work

Many hands make light work



37.70836°, -122.19399° 294° NW 10.6m

16:36:52, 19/01/2016 5m

Team work

37.70837°, -122.19402° 151° SE 10.24m

16:36:33, 19/01/2016 5m



Team work

Plants, chips & flags



37.70828°, -122.19384° 96° E 8.69m

16:38:56, 19/01/2016 5m



Team work

Clearing the annual grasses, primarily Avena ssp.



37.70817°, -122.19394°  166° SE  11.05m

 16:38:27, 19/01/2016  5m

EarthTeam!

Look at those rock stars!



37.70828°, -122.19367°  186° S  9.06m

 17:07:53, 19/01/2016  5m



Tending her garden

Finishing up watering after mulching.



37.70811°, -122.19392°  244° SW  9.51m

 16:59:34, 19/01/2016  5m





Proud Parent

mulch will help suppress seedling germination and maintain soil moisture



37.70817°, -122.19394° 172° SE 10.75m

16:38:15, 19/01/2016 5m