

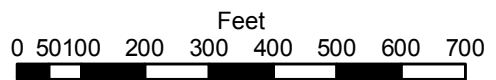
**Legend**

- Utility Pole
- Wart-Stemmed Ceanothus
- Sewer Manhole
- Fortyseventh\_Veg\_Polygon
- Wetland (Disturbed)

**47th Street Canyon | Vegetation Polygon KEY to Spreadsheet**  
**Existing Conditions Map Set for 47th Street Canyon**



Map Date: 02-07-12 | Imagery Date: Fall 2008  
 Data Sources: SanGIS, City of San Diego, San Diego Canyonlands  
 Contact: Will Anderson | www.sdcanyonlands.org



## 47th Street Canyon Vegetation Notes - 2/7/2012

47th Street Canyon Vegetation Communities					
Polygon	Holland Code	Holland Description	Veg Condition	Field Notes	Manual of California Vegetation Alliance
1	11300	Disturbed Habitat	Degraded (0-24%)	Disturbed, open area with non-native grasses and forbs and ornamentals	None
2	37G00	Coastal-Sage Chaparral Transition	High (76-100%)	Natives: Laurel Sumac, Lemonade Berry, Mission Manzanita, Flat-top Buckwheat, Felt-leaf Yerba Santa, Black Sage, Sawtooth Goldenbush, Wart-stem Ceanothus (4), Coast Live Oak, Spiny Redberry. 90% natives, dominated by Laurel Sumac, which was 40% of total natives. Co-dominant with Lemonade Berry (30% of natives). Other natives are the remaining 30% of total natives.	None
3	42200	Non-native Grassland	Degraded (0-24%)	Only about 10% natives . Mostly non-native grasses and forbs. This area surrounds the drainage. Evidence of a previous fire. Native plants planted by SDCL winter 2011.	None
4	37G00	Coastal-Sage Chaparral Transition	Medium (51-75%)	Natives: Laurel Sumac, Wart-stem Ceanothus (1), Black Sage, Mission Manzanita, Chamise, Coastal Bushmallow, Scrub Oak, Toyon, Felt-leaf Yerba Santa, Broom Baccharis. Non-natives: Acacia. Evidence of a previous fire. Roughly 30% is open, non-native grasses and forbs, 70% natives. No dominance of any native species, but Laurel Sumac is the most prevalent.	None
5	37200	Chamise Chaparral	Low (25-50%)	Natives: Chamise, Felt-leaf Yerba Santa, Deerweed, Mission Manzanita, Lemonade Berry, Wart-stem Ceanothus (8), Coastal Sagebrush. 50% open with non-native grasses and forbs (42200). Evidence of a previous fire. Of the natives, about 80% is Chamise, mostly clustered together at the west side of the mesa.	Adenostema fasciculatum Shrubland Alliance
6	42200	Non-native Grassland	Degraded (0-24%)	North section of the mesa near private property. Area is disturbed with non-native grasses and forbs including iceplant.	None
7	37120	Scrub Oak Chaparral	High (76-100%)	Natives: Flat-top Buckwheat, Laurel Sumac, Lemonade Berry, Coastal Sage, Mission Manzanita, Scrub Oak, Black Sage, Coast Live Oak, Wart-stem Ceanothus (12). Non-natives: Acacia. 90% natives. Approximately 70% of natives are Scrub Oaks; the remainder are other natives. Non-natives are primarily Acacia and non-native grasses/forbs.	None
8	11300	Disturbed Habitat	Degraded (0-24%)	Disturbed, open area with non-native grasses and forbs and escaped ornamentals with a significant amount of Acacias. Some Acacias were cut-and-sprayed Winter 2012.	None

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9	11300	Disturbed Habitat	Degraded (0-24%)	Only about 5% natives (Scrub Oak, Laurel Sumac, Coast Live Oak at the SE end of the polygon). Heavy infestation of Peruvian and Brazilian Pepper trees. Also Acacia, Eucalyptus, Arundo, Nasturtium, Indian Fig Cactus, and Castor Bean. About 25% of coverage is non-native grasses/forbs.	None
10	32510	Diegan Coastal Sage Scrub: Coastal Form	High (76-100%)	Stewardship site. Mostly recently-planted native plants on a steep slope with straw wattle to control erosion. Natives: Laurel Sumac, Coastal Sage, Buckwheat, Scrub Oak, Bush Sunflower ( <i>Encelia californica</i> ), Holly-oak Cherry. No dominance of any species, but Chamise is most prevalent. Planted Fall 2011.	None
11	37G00	Coastal-Sage Chaparral Transition	High (76-100%)	Natives: Chamise, Laurel Sumac, Scrub Oak, Lemonade Berry, Toyon, Black Sage, Bush Sunflower, Mulefat. Non-natives: Peruvian Pepper, Acacia. About 20% non-natives dominated by Acacia. 80% natives dominated by Laurel Sumac, which is approximately 60% of native coverage. Scrub Oak was most prevalent after Laurel Sumac.	Malosma laurina Shrubland Alliance
12	11300	Disturbed Habitat	Degraded (0-24%)	Disturbed. A mixture of non-native grassland and disturbed areas with invasive trees and escaped ornamentals. Dominated by invasive trees and escaped ornamentals. Non-natives: Peruvian Pepper, Acacia (trees), Acacia redolens (prostrate shrub), Jade, Iceplant, Fennel, Himalayan Blackberry, Arundo.	None
12A	11300	Disturbed Habitat	Degraded (0-24%)	Degraded area along trail/PUD access. All non-native grasses and forbs.	None
13	11300	Disturbed Habitat	Degraded (0-24%)	Disturbed slope with eroded areas. Non-natives: Plumbago, Peruvian Pepper, Arundo, Eucalyptus, Brazilian Pepper, Jacaranda, non-native grasses and forbs. Natives: Chamise. Less than 10% natives. Of the non-native coverage, about 70% is non-native grasses and forbs, with the rest composed of non-native trees and escaped ornamentals.	None
14	42200	Non-native Grassland	Degraded (0-24%)	Non-native grasses and forbs. Some Arundo east of the drainage that is dying.	None

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15	37G00	Coastal-Sage Chaparral Transition	High (76-100%)	Natives: Chamise, Scrub Oak, Laurel Sumac, Mission Manzanita, Yerba Santa, Toyon, Lemonade Berry, Coastal Sagebrush, Wart-stem Ceanothus (6), Black Sage, Flat-top Buckwheat. Non-natives: Acacia, Eucalyptus, Mexican Fan Palm, Castor Bean Indian Fig Cactus. 80% natives. Of the natives, Laurel Sumac is the most dominant (approx 45% of natives).	None
16	11300	Disturbed Habitat	Degraded (0-24%)	Natives: Scrub Oak, Laurel Sumac. Non-natives: Eucalyptus, Indian Fig Cactus, Nasturtium, Peruvian Pepper. Only about 10% natives. Eucs most prevalent of the trees, but not a Eucalyptus woodland.	None
17	42200	Non-native Grassland	Degraded (0-24%)	Non-native grasses and forbs along the top of the slope at Thorn dropping down a steep slope. Mostly non-native grasses and Nasturtium.	None
18	79100	Eucalyptus Woodland	Degraded (0-24%)	All Eucs with one Olive tree and a Peruvian Pepper. Almost no understory.	None
19	79000	Non-Native Woodland	Degraded (0-24%)	0% natives. Non-native woodland: Acacia, Peruvian Pepper, and Brazilian Pepper.	None
20	37G00	Coastal-Sage Chaparral Transition	Medium (51-75%)	Natives: Lemonade Berry, Chamise, Toyon, Scrub Oak, Laurel Sumac, Black Sage, Wart-stem Ceanothus (1). Non-natives: Peruvian Pepper, Acacia, Eucalyptus, Olive, Indian Fig Cactus, non-native Agave, escaped ornamentals. 60% natives with no dominance of any species native or non-native.	None
21	37G00	Coastal-Sage Chaparral Transition	High (76-100%)	Natives: Lemonade Berry, Toyon, Scrub Oak, Laurel Sumac. Non-natives: Indian Fig Cactus. 85% natives dominated by Laurel Sumac, which is 60% of native coverage. Secondary dominance of Toyon.	Malosma laurina Shrubland Alliance
22	37G00	Coastal-Sage Chaparral Transition	High (76-100%)	Natives: Scrub Oak, Felt-leaf Yerba Santa, Laurel Sumac, Toyon, Lemonade Berry. Scrub oak is approx. 50% of native coverage with significant amounts of Laurel Sumac (secondary dominance) and Toyon (tertiary dominance).	None
22A	37G00	Coastal-Sage Chaparral Transition	Medium (51-75%)	Natives: Mission Manzanita, Laurel Sumac, Scrub Oak, Toyon. Native coverage 55%. The remainder are non-native grasses and forbs.	

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23	79000	Non-Native Woodland	Degraded (0-24%)	Non-native woodland dominated by Eucalyptus with remnants of Acacias cut-and-sprayed Fall 2011 . Used to be 50/50 Eucs/Acacias, now 70% Eucs. 10% natives (Laurel Sumac), 20% escaped ornamentals and non-native grasses/forbs. Calling this a non-native woodland rather than a Eucalyptus woodland due to the previous amount of Acacias which might re-emerge.	None
24	37120	Scrub Oak Chaparral	High (76-100%)	Natives: Felt-leaf yerba Santa, Scrub Oak, Lemonade Berry, Laurel Sumac, Toyon. 90% natives. Of the natives, approx. 80% is Scrub Oak.	None
25	37120	Scrub Oak Chaparral	Medium (51-75%)	Natives: Laurel Sumac, Coastal Sagebrush, Coastal Bushmallow, Holly-leaf Cherry, Felt-leaf Yerba Santa, Chamise, Deerweed, Lemonade Berry. Non-natives: Indian Fig Cactus, Brazilian Pepper, Acacia, Tree Tobacco. About 70% natives. Of the natives, Scrub Oak is dominant (60% of natives). Laurel Sumac has secondary dominance, Chamise is third.	None
25A	11300	Disturbed Habitat	Degraded (0-24%)	0% natives. Disturbed area hugging the canyon rim at the property lines. Non-natives: Peruvian Pepper, non-native grasses, escaped ornamentals.	
26	42200	Non-native Grassland	Degraded (0-24%)	Non-native grassland	None
27	11300	Disturbed Habitat	Degraded (0-24%)	Natives: Scrub Oak, Lemonade Berry, Felt-leaf Yerba Santa, Lemonade Berry. Non-natives: Eucalyptus, Peruvian Pepper, Indian Fig Cactus, Acacia, Brazilian Pepper, Iceplant, non-native grasses. Only 10% natives (no dominance of any native species). Area is dominated by non-native cactus with a secondary dominance of Eucalyptus, Acacia, and Peppers	None
28	11300	Disturbed Habitat	Low (25-50%)	Natives: Lemonade Berry, Laurel Sumac, Scrub Oak . Non-natives: Eucalyptus, Peruvian Pepper, Ash, Iceplant, Himalayan Blackberry, escaped ornamentals, non-native grasses. This polygon has has two stands of native veg broken up by non-natives. 25% natives dominated by Scrub Oak (50% of natives). 75% are non-natives with no dominance of any non-native species.	None
29	37120	Scrub Oak Chaparral	High (76-100%)	Natives: Laurel Sumac, Scrub Oak, Felt-leaf Yerba Santa, Chamise, Black Sage, Lemonade Berry, Coastal Bushmallow. Non-natives: Peruvian Pepper and non-native grasses. 80% natives dominated by Scrub Oak (80% of natives)	None

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30	11300	Disturbed Habitat	Degraded (0-24%)	Natives: , Lemondade Berry, Laurel Sumac,. Non-natives: Peruvian Pepper, Brazilian Pepper, Indian Fig Cactus, Acacia, Russian Thistle, Iceplant, non-native grasses/forbs. Only 20% natives in two scattered pockets (dominated by Laurel Sumac). Of the non-natives, 60% are non-native grasses and forbs. Calling this disturbed rather than non-native grassland due to the fairly significant amount of natives and non-native trees.	None
31	42200	Non-native Grassland	Degraded (0-24%)	Non-native grassland. 90% non-native grasses/forbs. 5% Acacias and iceplant. 5% natives (Lemonade Berry, Scrub Oak, Laurel Sumac, and Toyon).	None
32	65100	Arundo-Dominated Riparian	Degraded (0-24%)	Non-natives: Arundo, Peruvian Pepper, Nasturtium, escaped ornamentals. Arundo is 90% of vegetation. 0% natives. South end of the polygon is under maintenance (cut but not sprayed Winter 2011/2012).	None
33	11300	Disturbed Habitat	Degraded (0-24%)	Non-natives: Peruvian Pepper, Canary Island Palm, Mexican Fan Palm, Acacias, escaped ornamentals, Indian Fig Cactus. This area would be Arundo-dominated Riparian (65100), but Arundo in this area was cut-and-sprayed Winter-Summer 2011 and is being maintained. With the Arundo gone/maintained, it is now disturbed.	None
34	11300	Disturbed Habitat	Degraded (0-24%)	Non-natives: Peruvian Pepper, Canary Island Palm, Mexican Fan Palm, Acacias, escaped ornamentals, Indian Fig Cactus. This area would be Arundo-dominated Riparian (65100), but Arundo in this area cut-and-sprayed Winter-Summer 2011 and is being maintained. With the Arundo gone/maintained, it is now disturbed.	None
				<b>END</b>	

**47th Street Canyon Sensitive Species Counts (02-07-12)**

<b>Polygon</b>	<b>Species</b>	<b>Count</b>	<b>Notes</b>
2	<i>Ceanothus verrucosus</i>	4	one cluster of 4
4	<i>Ceanothus verrucosus</i>	1	
5	<i>Ceanothus verrucosus</i>	8	
7	<i>Ceanothus verrucosus</i>	12	one group of 6, the rest scattered
15	<i>Ceanothus verrucosus</i>	6	
20	<i>Ceanothus verrucosus</i>	1	