



Serra Mesa  
Vernal pool 9 looking east



Serra Mesa  
Vernal pools 15, 14, 13, and 11 (clockwise) looking south

### 3.2.6 Mission Trails Regional Park

**3.2.6.a** Fifteen vernal pools, covering a total of 10,505 square feet, were mapped at Mission Trails Regional Park (Q 2). These vernal pools occur in four locations but are not designated as separate sites. Mission Trails Regional Park encompasses 5,760 acres in eastern San Diego, bordered by Highway 52 on the north and Santee on the east.

This area is owned and managed by the City of San Diego Department of Parks and Recreation and is conserved as open space. Sensitive vernal pool obligate plant species were not observed on-site. These vernal pools were not classified by Bauder (1986). Vernal pool indicator species and fairy shrimp noted at this site are listed in Table 31. Six basins support *B. sandiegonensis*; and *B. boreas* were observed in one basin, *H. regilla* in two basins, and *S. hammondii* in two basins. For a map of this site, refer to 242-1737 in Appendix C.

<b>Table 31</b>		
<b>Mission Trails Regional Park</b>		
<b>Presence of Vernal Pool Indicator Species</b>		
<i>Callitriche marginata</i>	•	<i>Myosurus minimus</i>
<i>Crassula aquatica</i>	•	<i>Navarretia fossalis</i>
<i>Deschampsia danthoniodes</i>		<i>Orcuttia californica</i>
<i>Downingia cuspidata</i>		<i>Phalaris lemmonii</i>
<i>Elatine californica</i>		<i>Phalaris</i> spp.
<i>Epilobium pygmaeum</i>		<i>Pilularia americana</i>
<i>Eryngium aristulatum</i>		<i>Pilularia</i> spp.
<i>Isoetes howellii</i>		<i>Plagiobothrys acanthocarpus</i>
<i>Isoetes orcuttii</i>		<i>Plantago elongata</i>
<i>Isoetes</i> spp.		<i>Plantago</i> spp.
<i>Lilaea scilloides</i>	•	<i>Pogogyne abramsii</i>
<i>Marsilea vestita</i>		<i>Pogogyne nudiuscula</i>
<i>Malvella leprosa</i>		<i>Psilocarphus brevissimus</i>
<i>Branchinecta</i> spp.		<i>Branchinecta sandiegonensis</i>
<i>Branchinecta lindahli</i>		<i>Streptocephalus woottoni</i>



Mission Trails Regional Park  
Vernal pool 1 looking north



Mission Trails Regional Park  
Vernal pool 7 looking south



Mission Trails Regional Park  
Vernal pool 5 looking north



Mission Trails Regional Park  
Vernal pool 13 looking north

**3.2.6.b** An additional site in this area, Murphy Canyon (G 1), will not be included in the inventory. The site is located on lands owned by the U.S. Navy; however, military personnel were unwilling to grant access to City staff for survey purposes. Bauder (1986) recorded *M. minimus* and *P. abramsii* at G 1-2.

**3.2.7 Urban San Diego**

Two vernal pool sites occur within the urban San Diego area: Kelton and Chollas Lake.

**3.2.7.a** Kelton (S 4) is a 29-acre parcel owned by the City of San Diego located southeast of the intersection of Euclid and Highway 94. Three vernal pool basins cover a total of 962.5 square feet. No sensitive species were observed, and BMX activity is known to occur on-site. This site was not included in Bauder’s report (1986). Vernal pool indicators noted at this site are listed in Table 32. For a map of this site, refer to 194-1737 in Appendix C.

<b>Table 32</b>		
<b>Kelton</b>		
<b>Presence of Vernal Pool Indicator Species</b>		
<i>Callitriche marginata</i>	•	<i>Myosurus minimus</i>
<i>Crassula aquatica</i>	•	<i>Navarretia fossalis</i>
<i>Deschampsia danthoniodes</i>		<i>Orcuttia californica</i>
<i>Downingia cuspidata</i>		<i>Phalaris lemmonii</i>
<i>Elatine californica</i>		<i>Phalaris</i> spp.
<i>Epilobium pygmaeum</i>		<i>Pilularia americana</i>
<i>Eryngium aristulatum</i>		<i>Pilularia</i> spp.
<i>Isoetes howellii</i>		<i>Plagiobothrys acanthocarpus</i>
<i>Isoetes orcuttii</i>	•	<i>Plantago elongata</i>
<i>Isoetes</i> spp.		<i>Plantago</i> spp.
<i>Lilaea scilloides</i>		<i>Pogogyne abramsii</i>
<i>Marsilea vestita</i>		<i>Pogogyne nudiuscula</i>
<i>Malvella leprosa</i>		<i>Psilocarphus brevissimus</i>
<i>Branchinecta</i> spp.		<i>Branchinecta sandiegonensis</i>
<i>Branchinecta lindahli</i>		<i>Streptocephalus woottoni</i>