



Marron Valley
Vernal pool 9 looking north

3.3 *B. sandiegonensis* genetic research

A preliminary report of the *B. sandiegonensis* genetic research has been prepared by Dr. Andrew Bohonak (Appendix H). Complete results for this study will be available under separate cover in 2005.

4.0 SYNOPSIS

Within the City of San Diego, 1,369 vernal pools have been conserved by an easement, dedication in fee title, or designation as City open space (see Table 3). These represent 54% of the total known basins in the City. Of the conserved vernal pools, 861 (63%) support rare, threatened, or endangered plant species. Refer to Table 64 for specific information for each species.

Table 64 – Sensitive plant species in conserved vernal pools

Species	Number of basins	Percent of basins	Area Covered* (ft ²)
<i>E. aristulatum</i>	686	50	94,300
<i>M. minimus</i>	49	4	165
<i>N. fossalis</i>	95	7	1,424
<i>O. californica</i>	51	4	2,429
<i>P. abramsii</i>	210	15	15,235
<i>P. nudiscula</i>	374	27	31,779

* Area calculations are derived from percent cover estimates.