

Table 6-7  
Parker Flats MRA Phase II  
2014 Plant Species Richness and Diversity

ESCA RP 2014 Annual Natural Resource Report

Parker Flats MRA - Phase II								
Habitat	Central Maritime Chaparral in Cut Vegetation				Coastal Sage Shrub in Cut Vegetation			
Activity Year	Baseline	Year 3 (2012)	Year 5 (2014)	Year 5 with surrounding species included (2014)	Baseline	Year 3 (2012)	Year 5 (2014)	Year 5 with surrounding species included (2014)
Number of Transects/Quadrats	7 Transects				3 Transects and 6 Quadrats			
Total Number of Native Species	11	17	14	65	11	14	21	58
Total Number of HMP Species Present	1	0	0	0	0	0	0	0
Total Number of HMP Herbaceous Species Present	0	0	0	0	0	0	0	0
Total Native Tree Species in All Transects	1	1	1	1	1	1	1	2
Total Shrub Species in All Transects	8	14	11	16	8	10	11	12
Total Native Herbaceous Species in All Transects or Related Herbaceous Plots	2	2	2	48	1	3	9	43
Total Native Ferns and Fern Allies in All Transects or Related Herbaceous Plots	0	0	0	0	1	0	0	1
Mean Number Tree Species perTransect	0.1	0.3	0.3	0.3	0.7	0.7	0.3	1.3
Mean Number Shrub Species per Transect	3.0	5.5	4.3	6.3	6.0	7.7	6.0	9.0
Mean Number of Native Herbaceous Species per Transect <sup>2</sup>	0.3	0.3	0.3	11.5	0.3	1.0	3.0	24.7
Mean number of Native Ferns and Fern Allies per Transect	0.0	0.0	0.0	0.0	0.3	0	0.0	0.3
Diversity - Shannon Index	0.9	0.9	0.8	--	1.5	1.6	1.4	--
Evenness	0.2	0.2	0.2	--	0.2	0.2	0.3	--
Total Percent Mean Native Cover (Transects)	110.3%	90.7%	83.3%	--	78.3%	87.8%	69.1%	--
Total Percent Mean Native Shrub Cover (Transects)	107.0%	89.1%	80.5%	--	75.9%	57.0%	37.7%	--
Total Percent Mean Native Herbaceous Species Cover (Transects)	2.5%	1.6%	2.2%	--	0.2%	27.4%	29.5%	--
Total Percent Mean Native Cover (Herbaceous Quadrats)	0%	0%	0%	--	0%	4.0%	3.2%	--

<sup>1</sup>No herbaceous plots monitored in 2011, due to low herbaceous cover in project area

<sup>2</sup>Data collected from those transects in which herbaceous plots were monitored