

**Table 2
Preserves Visited**

Preserves Visited	Approximate Percentage of Preserve Coverage on Trails and Roads	Most Commonly Found Invasive Species	Examples of Less Commonly Found Invasive Species	General Invasive Levels in Each Preserve (High, Moderate, Low)*
Agua Hedionda Lagoon Ecological Reserve	5%	<i>Chrysanthemum coronarium</i> <i>Cortaderia</i> sp.	<i>Ricinus communis</i> <i>Nicotiana glauca</i> <i>Phoenix</i> sp.	Moderate
Balboa Park	40%	<i>Hypericum canariense</i> <i>Eucalytus</i> sp. <i>Chrysanthemum coronarium</i>	<i>Ageratina adenophora</i> <i>Hyparrhenia hirta</i> <i>Ehrharta erecta</i> <i>Marrubium vulgare</i> <i>Foeniculum vulgare</i>	High
Barnet Ranch Preserve	10%	<i>Carduus pycnocephalus</i>	<i>Ehrharta calycina</i>	Low
Black Mountain Open Space	30%	<i>Cynara cardunculus</i> <i>Chrysanthemum coronarium</i>	<i>Ricinus communis</i> <i>Carduus pycnocephalus</i>	High
Blue Sky Preserve	40%	<i>Pennisetum setaceum</i>	<i>Piptatherum miliaceum</i>	Very Low
Borderfield State Park	20%	<i>Carpobrotus</i> sp. <i>Chrysanthemum coronarium</i>	<i>Foeniculum vulgare</i> <i>Ricinus communis</i>	Moderate
Boulder Oaks Preserve	45%	<i>Ehrharta calycina</i> <i>Carduus pycnocephalus</i> <i>Silybum marianum</i>	<i>Agrostis avenacea</i>	Moderate
Buena Vista Creek	20%	<i>Ricinus communis</i> <i>Phoenix</i> sp.	<i>Foeniculum vulgare</i> <i>Washingtonia robusta</i> <i>Nicotiana glauca</i> <i>Eucalyptus</i> sp.	Moderate to High
Camp Elliott/Tierra Santa Open Space	30%	<i>Genista monspessulana</i> <i>Carduus pycnocephalus</i>	<i>Washingtonia</i> sp.	Moderate
Center for Lands Management Villages of La Costa West	10%	<i>Carduus pycnocephalus</i>	<i>Nicotiana glauca</i> <i>Cortaderia</i> sp. <i>Cynara cardunculus</i>	Moderate
Chollas Creek Canyon	15%	<i>Pennisetum setaceum</i> <i>Chrysanthemum coronarium</i> <i>Carpobrotus</i> sp.	<i>Shinus molle</i>	Moderate

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Crest Canyon Park (coastal)	15%	<i>Carpobrotus</i> sp. <i>Pennisetum setaceum</i>	<i>Nicotiana glauca</i> <i>Cortaderia</i> sp. <i>Ehrharta calycina</i>	Low
Crown Point Park	40%	<i>Pennisetum clandestinum</i> <i>Emex spinosa</i>	<i>Eucalyptus</i> sp.	High
Cypress Canyon City of San Diego	5%	<i>Carpobrotus</i> sp. <i>Ehrharta erecta</i>	<i>Chrysanthemum coronarium</i>	High
Daley Ranch	60%	<i>Carduus pycnocephalus</i> <i>Cirsium vulgare</i>	<i>Silybum marianum</i> <i>Marrubium vulgare</i> <i>Foeniculum vulgare</i>	Low (Moderate in abandoned fields)
Dawson Preserve	30%	<i>Marrubium vulgare</i>	<i>Carduus pycnocephalus</i>	Low
Del Dios Preserve	30%	<i>Pennisetum setaceum</i>	<i>Cortaderia</i> sp. <i>Foeniculum vulgare</i> <i>Nicotiana glauca</i>	Low
Dixon Lake	70%	<i>Pennisetum setaceum</i> <i>Eucalyptus</i> sp.	<i>Nicotiana glauca</i> <i>Washingtonia robusta</i> <i>Phoenix</i> sp.	Moderate
East Elliott	5%	<i>Carduus pycnocephalus</i>	<i>Silybum marianum</i>	Moderate
El Capitan Reservoir	30%	<i>Carduus pycnocephalus</i>	<i>Tamarix</i> sp. <i>Arundo donax</i> and <i>Silybum marianum</i> (on the road to the preserve)	Low to Moderate
El Monte Park	30%	<i>Carduus pycnocephalus</i>	<i>Nicotiana glauca</i> <i>Pennisetum setaceum</i>	Low
Elfin Forest	10%	<i>Chrysanthemum coronarium</i> <i>Pennisetum setaceum</i>	<i>Eucalyptus</i> sp.	Moderate
Escondido Creek	10%	<i>Carduus pycnocephalus</i> <i>Torilis arvensis</i> <i>Foeniculum vulgare</i> <i>Eucalyptus</i> sp.	<i>Tamarix</i> sp. <i>Arundo donax</i>	Moderate
Fiesta Island	80%	<i>Chrysanthemum coronarium</i>	<i>Emex spinosa</i>	High
Jesmond Dene Park	20%	<i>Washingtonia</i> sp. <i>Eucalyptus</i> sp.	<i>Cortaderia</i> sp. <i>Tamarix</i> sp.	Moderate
Kendall Frost Preserve	45%	<i>Emex spinosa</i>	<i>Pennisetum clandestinum</i> <i>Ehrharta erecta</i>	Low to Moderate

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Kensington Open Space	5%	<i>Foeniculum vulgare</i> <i>Pennisetum setaceum</i> <i>Chrysanthemum coronarium</i>	<i>Nicotiana glauca</i> <i>Eucalyptus</i> sp.	High
Kit Carson Park	30%	<i>Arundo donax</i> <i>Washingtonia robusta</i>	<i>Phoenix</i> sp. <i>Tamarix</i> sp. <i>Carduus pycnocephalus</i>	High
Konyn Mitigation Bank	5%	<i>Carduus pycnocephalus</i> <i>Arundo donax</i>	<i>Nicotiana glauca</i>	Low
Lake Hodges	30%	<i>Eucalyptus</i> sp. <i>Foeniculum vulgare</i> <i>Pennisetum setaceum</i>	<i>Arundo donax</i> <i>Genista monspessulana</i> <i>Ricinus communis</i> <i>Delairea odorata</i>	Moderate
Lake Miramar	70%	<i>Arundo donax</i> <i>Tamarix</i> sp. <i>Carduus pycnocephalus</i>	<i>Cynara cardunculus</i> <i>Ricinus communis</i> <i>Dittrichia graveolens</i>	High
Lake Murray	50%	<i>Pennisetum setaceum</i> <i>Carduus pycnocephalus</i> <i>Ricinus communis</i> <i>Hypericum canariense</i> <i>Eucalyptus</i> sp.	<i>Emex spinosa</i> <i>Marrubium vulgare</i> <i>Chrysanthemum coronarium</i>	High
Lake Ramona	50%	<i>Cortaderia</i> sp. <i>Pennisetum setaceum</i>	<i>Melinis repens</i>	Moderate to High
Los Batiquitos Lagoon	60%	<i>Foeniculum vulgare</i>	<i>Hyparrhenia hirta</i> <i>Nicotiana glauca</i> <i>Pennisetum setaceum</i> <i>Tamarix</i> sp.	Low to Moderate
Los Penasquitos Canyon Preserve	70%	<i>Carduus pycnocephalus</i>	<i>Piptatherum miliaceum</i> <i>Marrubium vulgare</i>	Low
Marian Bear Natural Park	40%	<i>Foeniculum vulgare</i> <i>Carduus pycnocephalus</i>	<i>Piptatherum miliaceum</i> <i>Cirsium vulgare</i>	Moderate
Mission Trails	60%	<i>Marrubium vulgare</i>	<i>Carduus pycnocephalus</i>	Low (excluding Lake Murray)
Monte Vista Reserve	5%	<i>Carduus pycnocephalus</i>	None	Very Low
Mt. Soledad Natural Park	10%	<i>Cortaderia</i> sp. <i>Carpobrotus</i> sp.	<i>Pennisetum setaceum</i>	Low
Oak Oasis Preserve	15%	<i>Carduus pycnocephalus</i>	<i>Marrubium vulgare</i>	Low

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Oneal Canyon Preserve	40%	<i>Carduus pycnocephalus</i> <i>Silybum maritimum</i>	<i>Foeniculum vulgare</i>	Moderate
Otay Mountain	30%	<i>Carduus pycnocephalus</i> <i>Foeniculum vulgare</i>	NA	Low
Overlook Park	10%	<i>Carpobrotus</i> sp. <i>Cortaderia</i> sp.	<i>Acacia</i> sp.	Low
Palomar Mountain	30%	<i>Carduus pycnocephalus</i>	<i>Taeniatherum caput-medusae</i>	Low
Poway Lake	60%	<i>Pennisetum setaceum</i> <i>Pennisetum clandestinum</i> (in picnic area) <i>Tamarix</i> sp.	<i>Cortaderia</i> sp.	Moderate
Ramona Grasslands	40%	<i>Cynara cardunculus</i>	<i>Lepidium latifolium</i>	Moderate to High
Rancho Jamul Fish and Wildlife Preserve	30%	<i>Pennisetum setaceum</i> <i>Carduus pycnocephalus</i> <i>Chrysanthemum coronarium</i> <i>Eucalyptus</i> sp. <i>Silybum maritimum</i>	<i>Ricinus communis</i> <i>Arundo donax</i> <i>Phoenix</i> sp. <i>Foeniculum vulgare</i> <i>Cortaderia</i> sp. <i>Marrubium vulgare</i> <i>Nicotiana glauca</i> <i>Delairea odorata</i>	Low
Rose Canyon	40%	<i>Carpobrotus</i> sp. <i>Eucalyptus</i> sp. <i>Carduus pycnocephalus</i> <i>Chrysanthemum coronarium</i>	<i>Foeniculum vulgare</i> <i>Phoenix</i> sp. <i>Washingtonia robusta</i> <i>Marrubium vulgare</i> <i>Piptatherum miliaceum</i> <i>Silybum maritimum</i> <i>Cortaderia</i> sp. <i>Tamarix</i> sp.	Moderate to High
Sabre Springs	5%	<i>Eucalyptus</i> sp.	<i>Shinus molle</i> <i>Ehrharta erecta</i>	Moderate
Sage Hill Preserve	5%	<i>Pennisetum setaceum</i>	<i>Ricinus communis</i> <i>Eucalyptus</i> sp.	Moderate
San Dieguito Park	50%	<i>Eucalyptus</i> sp.	<i>Acacia</i> sp. <i>Ehrharta calycina</i> <i>Ehrharta erecta</i>	Low to Moderate

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San Dieguito River Park	75%	<i>Cortaderia</i> sp. <i>Foeniculum vulgare</i> <i>Tamarix</i> sp.	<i>Carpobrotus</i> sp. <i>Eucalyptus</i> sp. <i>Nicotiana glauca</i>	Moderate
San Elijo Lagoon	20%	<i>Carpobrotus</i> sp. <i>Pennisetum setaceum</i>	<i>Ehrharta erecta</i> <i>Washingtonia</i> sp. <i>Phoenix</i> sp. <i>Chrysanthemum coronarium</i>	Moderate
San Elijo State Beach	20%	<i>Carpobrotus</i> sp. <i>Cortaderia</i> sp. <i>Pennisetum setaceum</i>	<i>Washingtonia</i> sp. <i>Nicotiana glauca</i>	Moderate
San Vicente Preserve	30%	<i>Ehrharta calycina</i>	<i>Carduus pycnocephalus</i>	Moderate
Scripps Coastal Preserve	90%	<i>Carpobrotus</i> sp. <i>Myoporum</i>	<i>Emex spinosa</i> <i>Acacia</i> sp. <i>Iris pseudacorus</i> (on beach) <i>Phoenix</i> sp. <i>Washingtonia robusta</i> <i>Tamarix</i> sp. (on beach) <i>Cortaderia</i> sp.	Moderate
Scripps Miramar Open Space	30%	<i>Eucalyptus</i> sp.	<i>Acacia</i> sp.	High
Silver Strand State Beach	40%	<i>Emex spinosa</i> <i>Carpobrotus</i> sp.	<i>Chrysanthemum coronarium</i> <i>Washingtonia</i> sp.	Moderate to High
Skyline Ranch	5%	<i>Carduus pycnocephalus</i>	<i>Eucalyptus</i> sp.	Low
Stelzer County Park	10%	<i>Carduus pycnocephalus</i> <i>Pennisetum setaceum</i>	<i>Foeniculum vulgare</i> <i>Piptatherum miliaceum</i>	Low
Sweetwater Marsh National Wildlife Refuge	20%	<i>Oncosiphon piluliferum</i> <i>Pennisetum setaceum</i>	<i>Chrysanthemum coronarium</i> <i>Piptatherum miliaceum</i>	Moderate
Sweetwater Reservoir and Preserve	30%	<i>Arundo donax</i> <i>Tamarix</i> sp. <i>Carduus pycnocephalus</i> <i>Phoenix</i> sp. <i>Washingtonia robusta</i>	<i>Ageratina adenophora</i> <i>Ficus carica</i> <i>Cirsium vulgare</i> <i>Marrubium vulgare</i> <i>Silybum marianum</i>	Moderate to High
Sycamore Canyon (La Jolla)	30%	<i>Carduus pycnocephalus</i> <i>Piptatherum miliaceum</i>	<i>Foeniculum vulgare</i> <i>Cortaderia</i> sp.	Low to Moderate
Sycamore Canyon Preserve (Ramona)	40%	<i>Cynara cardunculus</i> <i>Cardaria draba</i>	<i>Carduus pycnocephalus</i>	Moderate
Sycamore Estates	10%	<i>Dittrichia graveolens</i>	<i>Carduus pycnocephalus</i>	Moderate

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Tecolote Canyon	50%	<i>Carduus pycnocephalus</i> <i>Foeniculum vulgare</i> <i>Chrysanthemum coronarium</i> <i>Carpobrotus</i> sp.	<i>Shinus molle</i> <i>Sesbania punicea</i> <i>Silybum marianum</i> <i>Hypericum canariense</i>	Moderate to High
Tijuana River Valley Regional Park	40%	<i>Arundo donax</i> <i>Tamarix</i> sp. <i>Chrysanthemum coronarium</i>	<i>Ricinus communis</i> <i>Nicotiana glauca</i> <i>Marrubium vulgare</i>	High
Tijuana Slough National Wildlife Refuge	10%	<i>Chrysanthemum coronarium</i> <i>Carpobrotus</i> sp.	<i>Ehrharta erecta</i>	Moderate
TNC Wheatley, Santa Ysabel	5%	<i>Robinia pseudoacacia</i>	NA	Low
Torrey Pines State Park	30%	<i>Chrysanthemum coronarium</i> <i>Carpobrotus</i> sp.	<i>Foeniculum vulgare</i> <i>Ricinus communis</i> <i>Cardaria draba</i> <i>Piptatherum miliaceum</i> <i>Pennisetum setaceum</i> <i>Ehrharta longiflora</i>	Moderate
Wilderness Gardens Preserve	45%	<i>Carduus pycnocephalus</i>	<i>Eucalyptus</i> sp.	Low
William Heise County Park	15%	<i>Genista monspessulana</i>	<i>Cirsium vulgare</i>	Low to Moderate
Woodson Mountain	30%	<i>Pennisetum setaceum</i>	NA	Low

* High weed cover is equivalent to 30–100% of the preserve being dominated by weed species.
Moderate weed cover is equivalent to 10–29% of the preserve being dominated by weed species.
Low weed cover is equivalent to 0–9% of the preserve being dominated by weed species.