



Mount Tamalpais Watershed Weed Watchers
Invasive Species Early Detection Survey
Survey Form 1 and Site Description



Priority 1 Plant	Scientific Name	# of Occurrences	Location details (grid #s) and/or plant description
Purple starthistle	<i>Centaurea calcitrapa</i>		
Tocalote, Malta or Napa starthistle	<i>Centaurea melitensis</i>		
Yellow starthistle	<i>Centaurea solstitialis</i>		
Jubata grass, purple pampas grass	<i>Cortaderia jubata</i>		
Orange cotoneaster	<i>Cotoneaster franchetii</i>		
Silverleaf cotoneaster	<i>Cotoneaster pannosus</i>		
English or one-seeded hawthorn	<i>Crataegus monogyna</i>		
Purple foxglove	<i>Digitalis purpurea</i>		
Sweet fennel	<i>Foeniculum vulgare</i>		
Ox-eye daisy	<i>Leucanthemum vulgare</i>		
Firethorn, pyracantha	<i>Pyracantha angustifolia</i>		
Himalayan blackberry	<i>Rubus discolor</i> [armeniacus]		

Priority 2 Plant	Scientific Name	# of Occurrences	Location details (grid #s) and/or plant description
Giant reed	<i>Arundo donax</i>		
Poison hemlock	<i>Conium maculatum</i>		
Scotch broom	<i>Cytisus scoparius</i>		
Cape ivy	<i>Delairea odorata</i>		
Pride of Madeira	<i>Echium candicans</i>		
Panic veldtgrass	<i>Ehrharta erecta</i>		
French broom	<i>Genista monspessulana</i>		
Licorice plant	<i>Helichrysum petiolare</i>		
Pine	<i>Pinus species</i>		
Spanish broom	<i>Spartium junceum</i>		
Greater periwinkle	<i>Vinca major</i>		

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1. Make sure to bring the necessary equipment with you.
 - Weed Watcher Level 1 data and site description form
 - Survey map(s) of your area
 - ID cards and/or field guides
 - Extra pencils or pens
 - Cell phone (for emergencies)
 - Binoculars
 - Color marker
 - First Aid Kit (optional)
 - GPS Unit (optional)
 - Field notebook and/or blank paper
 - Camera (optional)

2. Conduct your plant survey along roads and trails of MMWD. Use the survey maps and identification cards provided to help you find a high-priority survey area and to identify the plants on the other side of this form.
 If you are unsure about the identity of a plant that you have found, try one of the following techniques.
 - **Take a picture** of the plant in question. Include a leaf, a flower (if available), and something like a quarter or your hand for a size reference. Send your picture to a_willia@marinwater.org. Many cell phones have cameras and the ability to send images to an email address for the same price as a text message.
 - **Write a detailed description** of the plant in question. Include as many details as possible, including details about the leaves (size, shape, alternate/opposite, lobed/entire); the flower (shape, color, size, orientation); size of plant; and habitat found in. Drawing a picture of the plant will help focus your attention on the details.

3. Fill out this data sheet and send return it to MMWD.
 - Trip Report: How do I describe where I completed my survey? Use the survey maps to show your approximate location and write the grid name and a description of the area you surveyed in the area provided. If you have a GPS, give us the latitude and longitude of you starting point, ending point, and invasive plants encountered.

Name _____ Phone _____

Email _____ Other Observers _____

Survey Date _____ Time (start – finish) _____

Trip Report (Survey Route, Site Description, Additional Plant Location Details):
