

STRATEGIC PLAN

SAN MATEO COUNTY
WEED MANAGEMENT AREA
2023-2027



Mission Statement

The SMCWMA promotes, coordinates, and funds activities that remove and destroy noxious weeds, and prevents the introduction, establishment, and spread of invasive plants in San Mateo County.

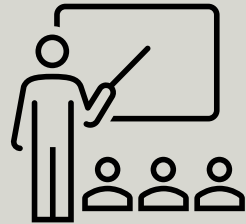




SMCWMA Strategic Plan Goals

- Increase the effectiveness of **weed control** in roadsides, parks, open spaces, and waterways
- Protect and enhance **cropland** and **rangeland** productivity
- Protect and enhance **ecosystem biodiversity**
- Reduce **fire** hazard and fire control costs
- Ensure that weeds are not the primary cause of the loss of **rare and/or endangered** plant and animal species, or **sensitive habitat**

The Strategic Plan



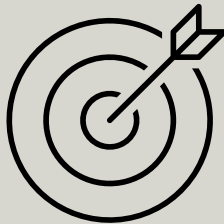
Education and outreach



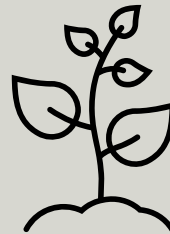
Prevention



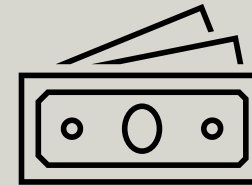
Detection, surveying, and mapping



Eradication, control and mapping

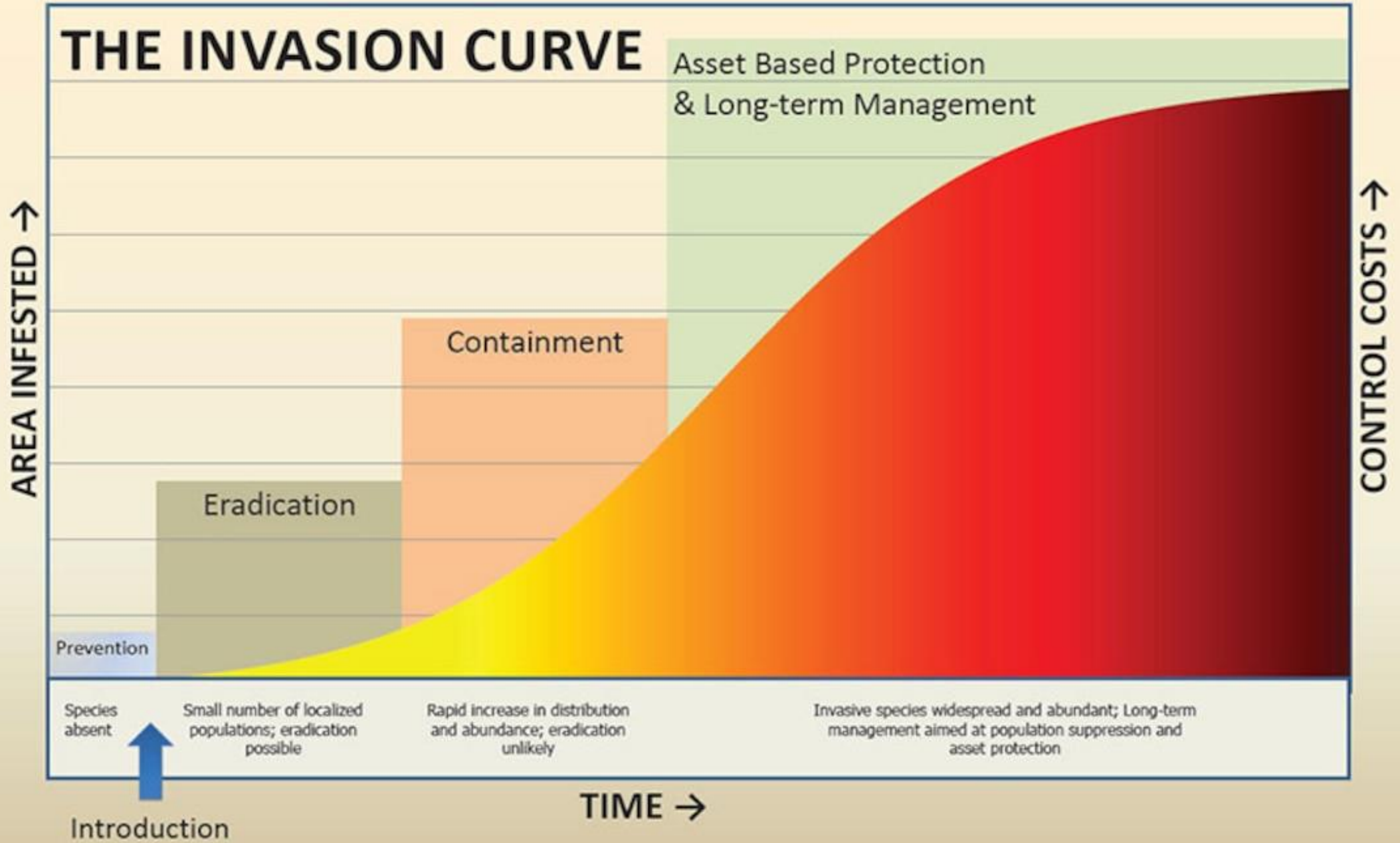


Site Restoration



Funding and in-kind services

THE INVASION CURVE





ERADICATION

- County-wide EDRR projects, which includes **eradication** and **surveillance** actions.
- Species are present within less than **10%** of 7.5-minute quadrats within San Mateo County.

ERADICATION

Fertile capeweed (*Arctotheca calendula*)

Mexican/Tropical Pokeweed (*Phytolacca heterotepala, icosandra*)

Barb goatgrass (*Aegilops triuncialis*)

Jointed goatgrass (*Aegilops cylindrica*)

Purple loosestrife (*Lythrum salicaria*)

European sea lavender (*Limonium duriusculum*)

Dense-flowered cordgrass (*Spartina densiflora*)

Yellowflag iris (*Iris pseudacorus*)

Sunwort (*Euphorbia helioscopia*)

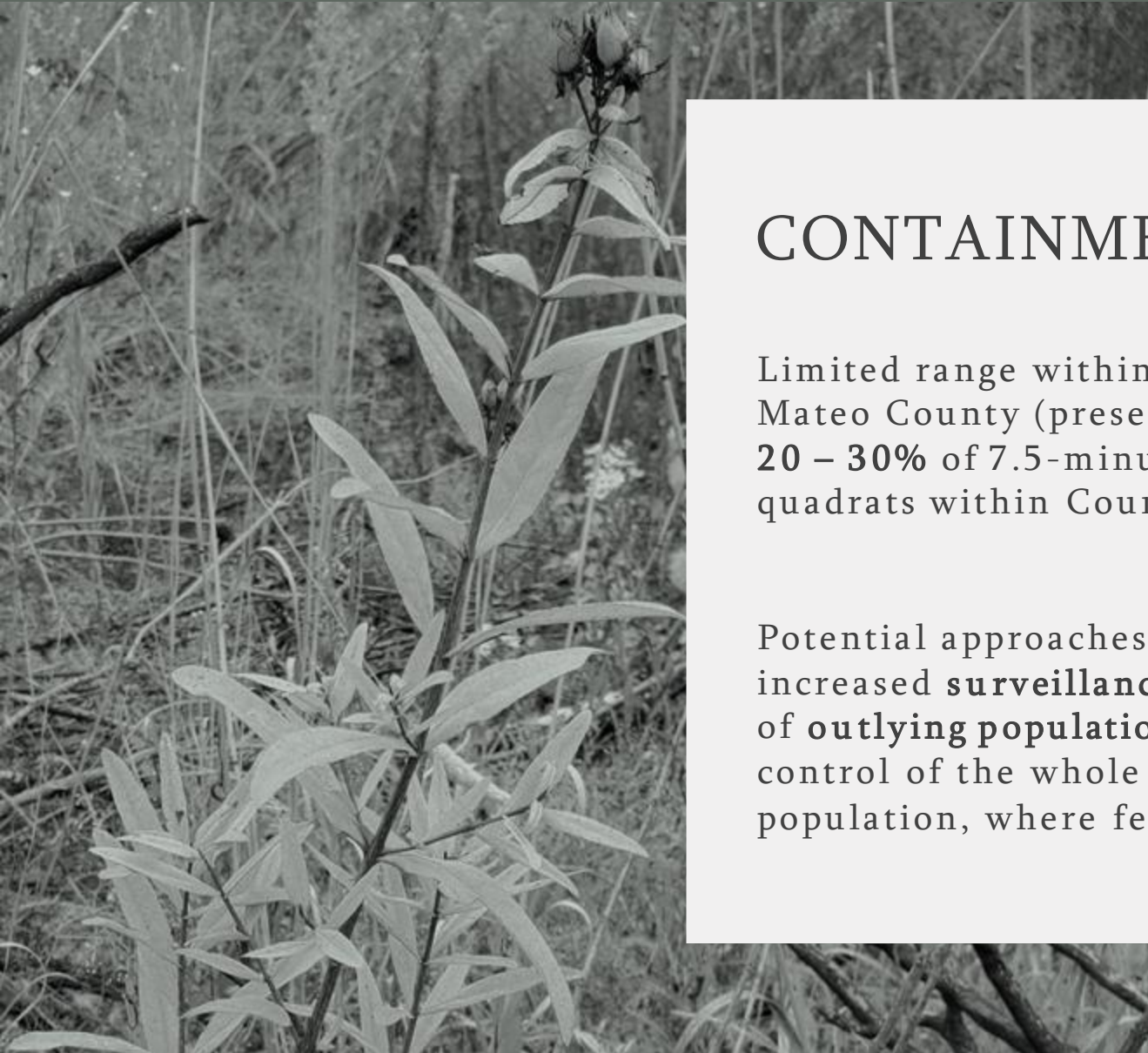
Hairy whitetop (*Lepidium appelianum*)

Parrotfeather (*Myriophyllum aquaticum*)

Silverleaf nightshade (*Solanum elaeagnifolium*)

Vasey's grass (*Paspalum urvillei*)





CONTAINMENT / CONTROL

Limited range within San Mateo County (present within **20 – 30%** of 7.5-minute quadrats within County).

Potential approaches: increased **surveillance**, control of **outlying populations**, and control of the whole population, where feasible.

Distributed range within San Mateo County (present within **30 – 50%** of 7.5-minute quadrats within County).

Potential approaches: increased surveillance, control of **outlying populations**, and control within **sensitive habitat**.

CONTAINMENT/CONTROL

Canary Island hypericum (*Hypericum canariense*)

Portuguese broom (*Cytisus striatus*)

Woolly distaff thistle (*Carthamus lanatus*)

Lens-podded whitetop (*Lepidium chalepense*)

Downy brome, cheatgrass (*Bromus tectorum*)

Albanian spurge (*Euphorbia characias*)*

Hanging sedge (*Carex pendula*)



CONTAINMENT/CONTROL

Rush skeletonweed (*Chondrilla juncea*)

Slender false brome (*Brachypodium sylvaticum*)

Common St. John's wort, klamathweed (*Hypericum perforatum*)

Russian-thistle (*Salsola tragus*)

Medusahead (*Elymus caput-medusae*)

Algerian sea lavender (*Limonium ramosissimum*)

Smooth cordgrass and hybrids (*Spartina alterniflora* hybrids)

Gorse (*Ulex europaeus*)

Perennial pepperweed (*Lepidium latifolium*)

Spanish broom (*Spartium junceum*)





SENSITIVE HABITAT ONLY

Ubiquitous throughout the county and state.

Potential approaches for these species should prioritize control within **sensitive habitat**.

SENSITIVE HABITAT ONLY

Broom, French (*Genista monspessulana*)

Tree of heaven (*Ailanthus altissima*)

Arundo (*Arundo donax*)

Broom, Scotch (*Cytisus scoparius*)

Broom, Spanish (*Spartium junceum*)

Cape ivy (*Delairea odorata*)

Grass, jubata (*Cortaderia jubata*)

Yellow starthistle (*Centaurea solstitialis*)

Italian thistle (*Carduus pycnocephalus*)

Medusahead (*Elymus caput-medusae*)

Purple starthistle (*Centaurea calcitrapa*)

Stinkwort (*Dittrichia graveolens*)

Tocalote, or Malta star thistle (*Centaurea melitensis*)

Blue gum eucalyptus (*Eucalyptus globulus*)

Ehrharta (*Ehrharta erecta*)

English ivy (*Hedera helix*)

Algerian ivy (*Hedera canariensis*)

Harding grass (*Phalaris aquatica*)

Little robin (*Geranium purpureum*)

Poison hemlock (*Conium maculatum*)

Purple false brome (*Brachypodium distachyon*)

Grass, pampas (*Cortaderia selloana*)





WATCHLIST

Not present within the county but are found nearby.

Preventing introduction of these species are high priority for the county.

37 potential CDFR rated species have been categorized as a “watchlist” species, the following is a list of the top 17.

WATCHLIST

Spotted knapweed (*Centaurea stoebe* ssp. *micranthos*)

Diffuse knapweed (*Centaurea diffusa*)

Biddy biddy (*Acaena novae-zelandiae*)

Leafy spurge (*Euphorbia virgata*)

Japanese knotweed (*Fallopia japonica*)

Illyrian thistle (*Onopordum illyricum*)

Kangaroo acacia (*Acacia paradoxa*)

Iberian starthistle/Iberian knapweed (*Centaurea iberica*)

Old man's beard (*Clematis vitalba*)

Patterson's curse (*Echium plantagineum*)

False yellowhead (*Dittrichia viscosa*)

Russian knapweed (*Acroptilon repens*)

Jerusalem artichoke (*Helianthus tuberosus*)

Stinknet (*Oncosiphon pilulifer*)

Dalmation toadflax (*Linardia dalmatica*)

Seashore paspalum (*Paspalum vaginatum*)

Japanese dodder (*Cuscuta japonica*)



Work Session

Agree with approach?

Agree with species and ranking?

What are we missing?

Comments/Questions