





# New and Expanding Weeds in California

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# large-leaved hypericum (*Hypericum* grandifolium)

Shrub to 2 m w/lg yellow fls

Invades scrub on coast 3 localities in Marin Co. Possible spread *ex hort*.



#### Star endive (Rhagadiolus stellatus)

Annual herb in part shade
Distinctive fruit
Known from Napa & Sonoma Cos

Often dominant in understory Serious grain field pest in Middle East





# Santa Maria feverfew (*Parthenium* hysterophorus)

Tropical annual herb
Noxious in Australia
Thrives on disturbance
Likes summer water
Inhibits germination of plants
Toxic to stock
Contact dermatitis in people



## Yellow alyssum (Alyssum murale, A. corsicum)

Yellow-flowered perennials from Europe Metal hyperaccumulators Planted as possible "bio-mining" crop in Southern OR

Escaped into USFS land
Listed as noxious weed
By OR
High likelihood of spread
in Northern CA serpentine



# Spanish mercury Mercurialis ambigua

Related to dog mercury

Differs in leaf shape,

monoecious

Native to Spain

Often in nursery areas



## Italian buckthorn Rhamnus alaternus

Native to S. Europe

Common in hort.

Mostly as waif

Dioecious



#### Canary Island starthistle (Volutaria canariensis)

An endemic to Canary Isles Related to yellow starthistle Just found in San Diego Co.

Threat?

Pathway?

Control?

Eradication possible?



# Winged water-primrose Ludwigia decurrens

Found in rice field in Butte Co. (3 localities) Weltand plant native to SE US & S Am Known noxious weed in Japan Related to other weeds

