Where the Weeds Are: Setting Regional Management Priorities for Invasive Plants

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Introducing CalWeedMapper!

- A partnership between Cal-IPC and Calflora, this new site contains data from Cal-IPC's statewide mapping effort and is hosted through Calflora.
- Combines expert knowledge data and occurrence (GIS) data into one system.





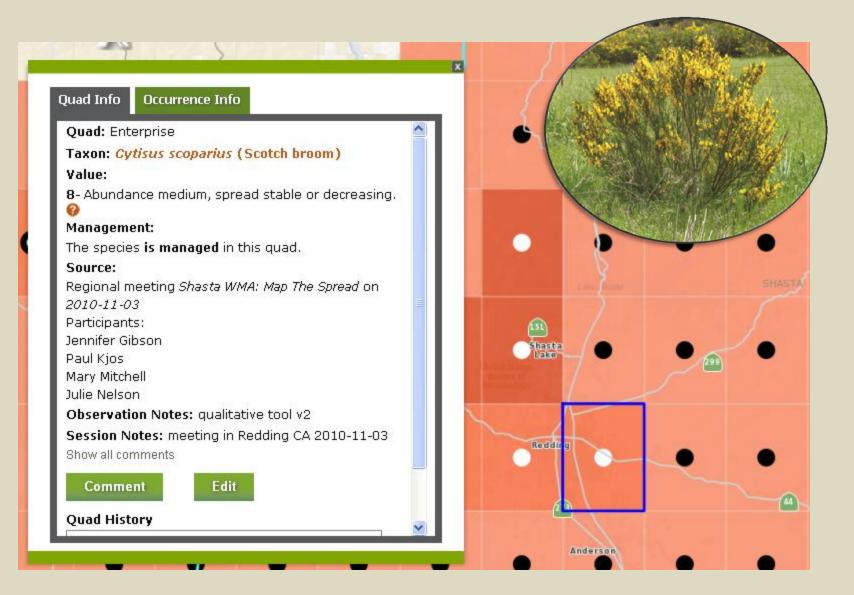
http://calweedmapper.calflora.org

- 1. Data
- Management Opportunities
- Commenting & updating
- 4. Modeling potential spread



DATA: Distribution by USGS Quad Species GIS data only needs verification **Spreading** ,⊕, Abundance Under Low management but Medium still spreading High Redding **Under** Trend management Spreading Anderson Managed, spreading Managed, decreasing Eradicated Q Verification Needed Verify Quad Verify Species

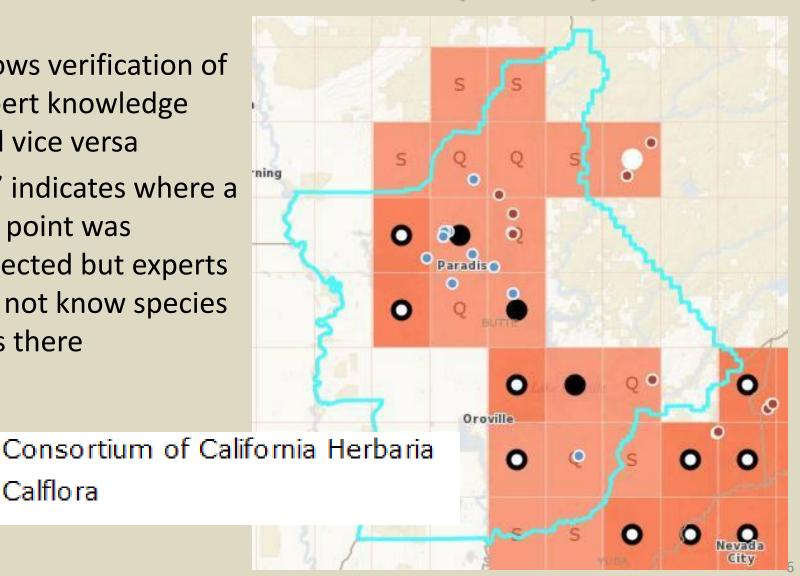
DATA: Quad Information



DATA: Occurrence (Point) Data

- Allows verification of expert knowledge and vice versa
- "Q" indicates where a GIS point was collected but experts did not know species was there

Calflora



Management Opportunities

Intended to be used with existing local priorities and projects.

Based mostly on **current distribution** and prioritized by Cal-IPC **statewide rating**.

Surveillance: Survey to detect new infestations of species not

yet present but nearby

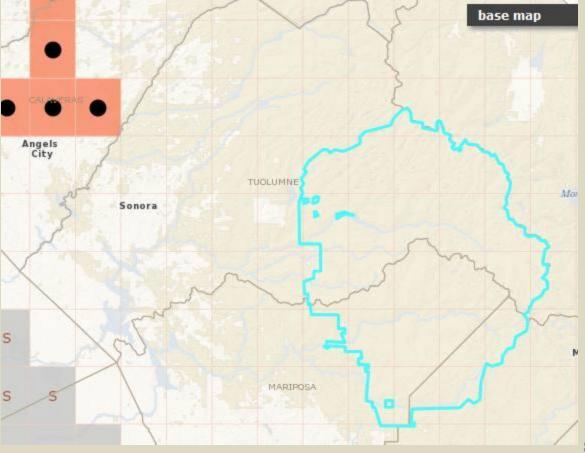
Eradication: Complete removal of infestations (isolated quads)

Containment: Limit spread from existing populations

Surveillance

Leafy spurge outside Yosemite National Park. Species not present but within 50 miles.





Eradication

Canada thistle in Yosemite National Park.

Species present in only one quad, isolated from others.

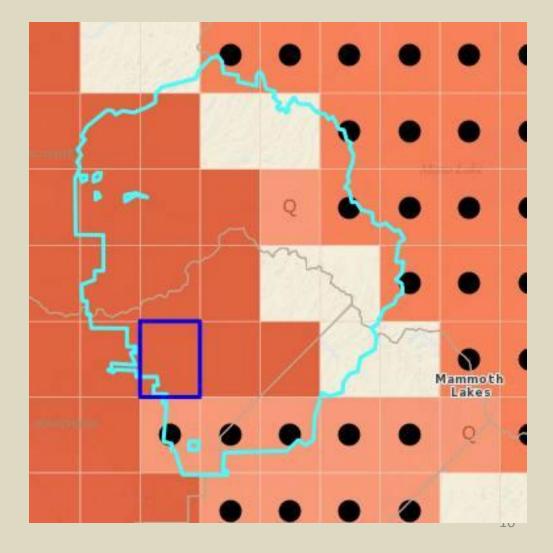




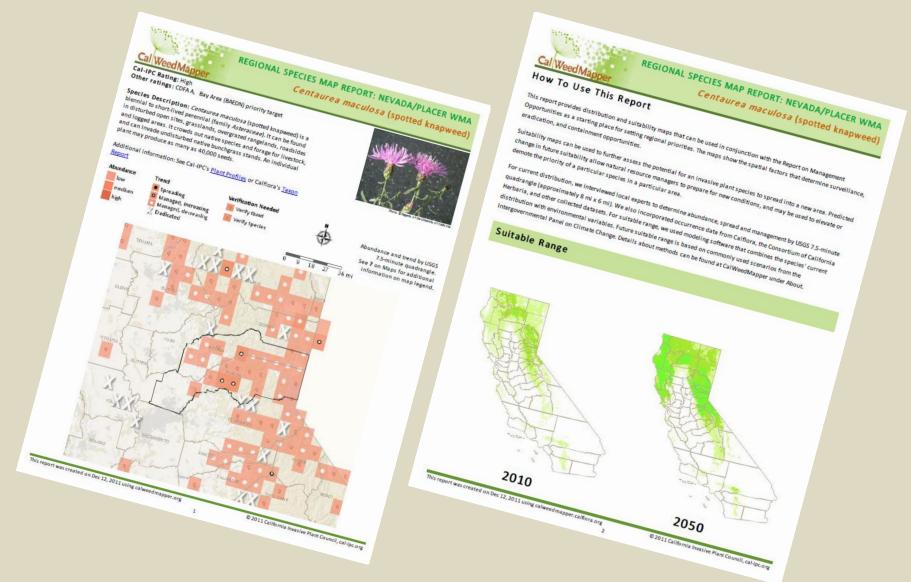
Containment

Cheatgrass in Yosemite National Park

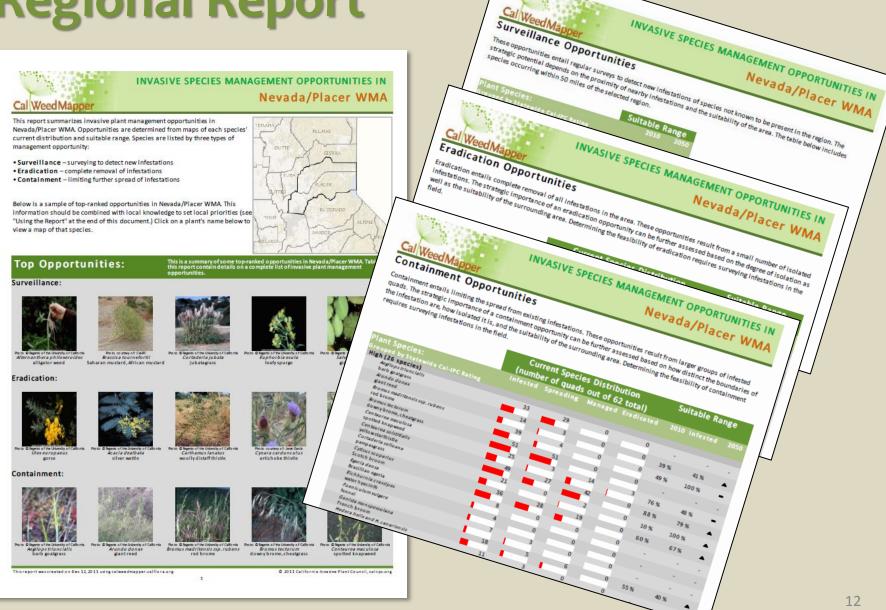




Regional Species Map Report

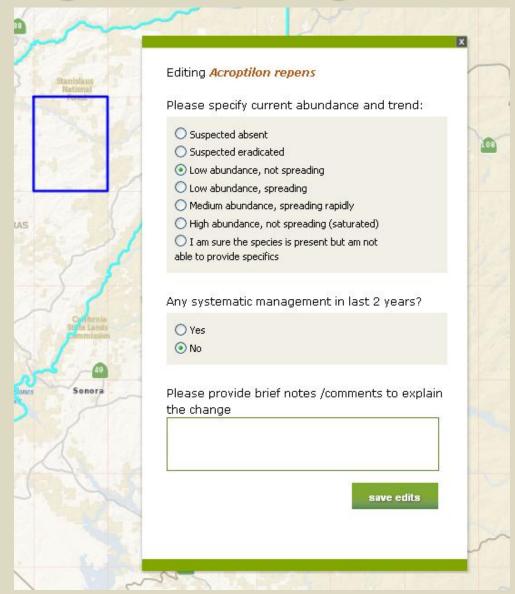


Regional Report



Commenting & Updating

- Users can comment or add new information
- Cal-IPC gives a log-in
- At a WMA meeting or individually



Modeling Potential Spread



Live Demo?