





AREA OF FOCUS







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TLC GOVERNANCE STRUCTURE



EXECUTIVE TEAM

Comprised of the executive officers of each of the five TLC partners; provides overarching guidance on the partnership's direction and priorities.

WORKING GROUP

Develops and manages the work plan, budget, and day to day operations of the TLC. Members also serve as liaisons from the TLC to their home organizations.

COMMITTEES

COMMUNICATIONS

HEALTH ADVISORY

Guides the science-based study of the health of Mt. Tam's natural resources.

CONSERVATION

Carries out studies on and planning for enhancement of key natural resources while offering community science opportunities, and tracks and manages invasive plants on the mountain.

PROGRAMS

Coordinates the community science, restoration, youth, and other shared volunteer and educational programing.

PROJECT & PROGRAM SUBCOMMITTEES

Library Backpacks

Provides park passes for checkout at Marin libraries to increase access for the community to public lands.

West Peak

Leads the restoration effort of Mt. Tam's West Peak, a former Air Force base at the mountain's highest point.

Bolinas Lagoon

Leads the planning for helping this important ecosystem become more resilient to climate change.

Roy's Redwoods

Leads the development of concepts for enhancing and protecting this old growth redwood grove and providing a sustainable visitor experience.

Wildlife Picture Index Project

Directs all aspects of the remote sensing wildlife camera program.

Bat Inventory

Oversees the coordination and implementation of 3-year bat inventory.

Early Detection Rapid Response Oversees the protocol development, data manage-ment and implementation of EDRR program.

Pollinator Inventory

Oversees the coordination and implementation of 2-year inventory of pollinators.

Seeps & Springs Inventory

Oversees the coordination and implementation of 2-year inventory of seeps and springs.

Volunteer Work Days

Coordinates quarterly mountain-wide volunteer events, drawing 100+ volunteers to help restore habitat, maintain trails, and more.

Outreach, Interpretation, & Roving Ranger

Manages the Roving Ranger program, a mobile trailhead and mountain education hub, and leads outreach efforts to engage the wider Marin community in the TLC's work.

Youth Initiative, Internships, & LINC

Plans and implements programs that provide youth opportunities to gain place-based educational and work experience in natural resources.

One Tam Community Ambassador Program Builds a team of dedicated volunteers that help connect our work to

the Marin community.



Conservation Management Team





5 year goal: Survey all roads and trails for invasive plants

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Protocol Timeline



Species list

EDRR
Subgroup
Formation

Pilot Season

December 2015

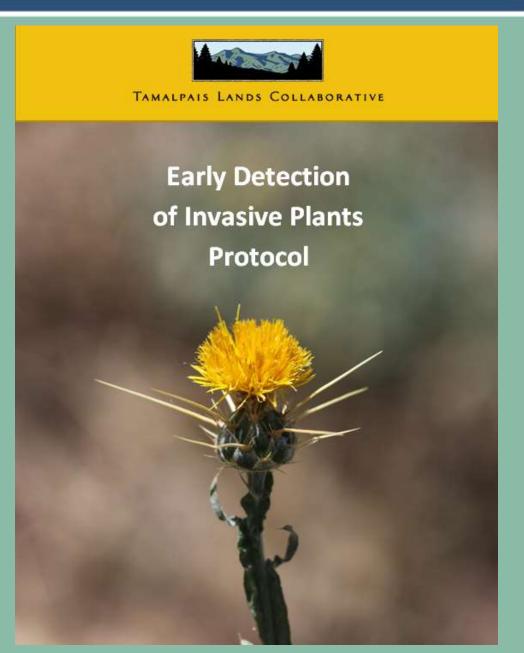
January 2016

March 2016



PROTOCOL DEVELOPMENT





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Priority One

Priority Two

PRIORITY SPECIES LISTS

Data

Collected

Polygons

Polygons for

patches $< 100 \text{m}^2$;

Buffered points for

patches >100m²

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Description

Highly invasive;

typically not widespread.

Control or even eradication

is often feasible.

Highly invasive;

typically widespread.

Outlier patches may be

targeted.



PRIORITY ONE SPECIES LIST







PRIORITY TWO SPECIES LIST



Old favorites including

- several brooms
- several asters
- several ivies
- several perennial grasses
- riparian invaders





PROTOCOL BASICS



- Polygons (mostly)
- 20m patch distance
- Tracklogs record survey path
- Treat patches you can effectively remove in 10 minutes or less
 - Who knows when you'll be back!



PROTOCOL VARIATIONS



- Repeated surveys
- Tracking treatment and labor effort
- Requires frequent reiteration in training

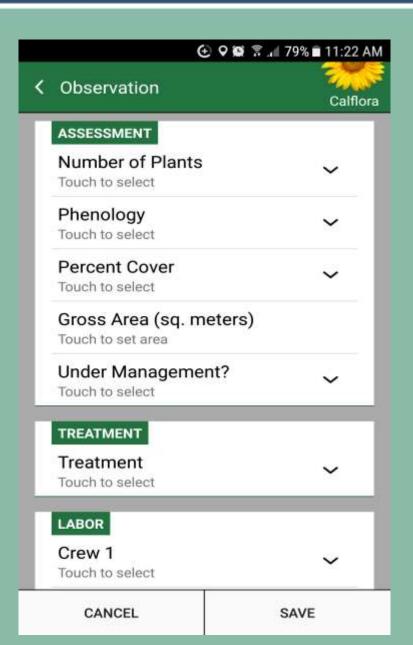
But, it works!





USING CALFLORA



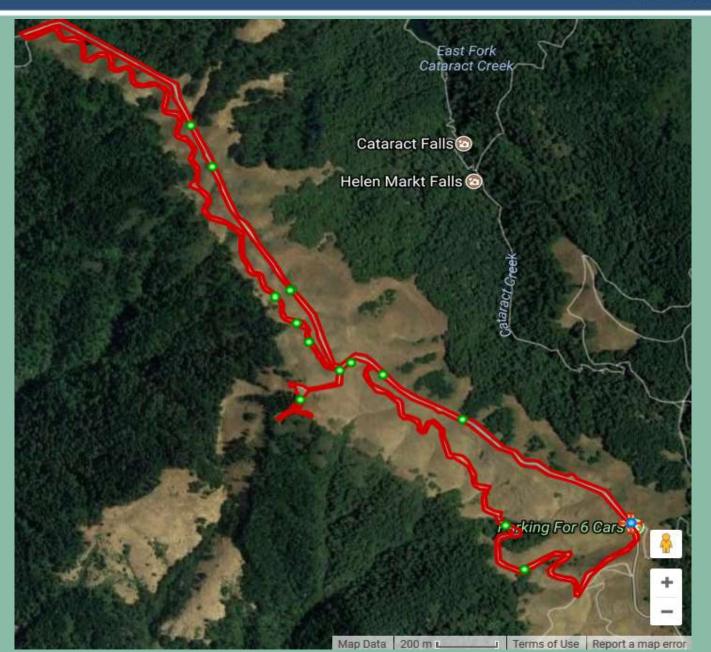


- Basic assessment info is common to all agencies
- Slight variations in treatment and time tracking
- Frequent reiteration during training



USING CALFLORA: SURVEY ENTRY







2017 EDRR MILES



	Unique EDRR Miles	Repeat EDRR Miles	Total Miles
All Teams	164	29	193
One Tam Added Capacity	80	25	105



2017 PATCHES DETECTED





Priority One Patches

16

Priority Two
Patches

1116



RAPID RESPONSE







RR: PREPARE & COMMUNICATE

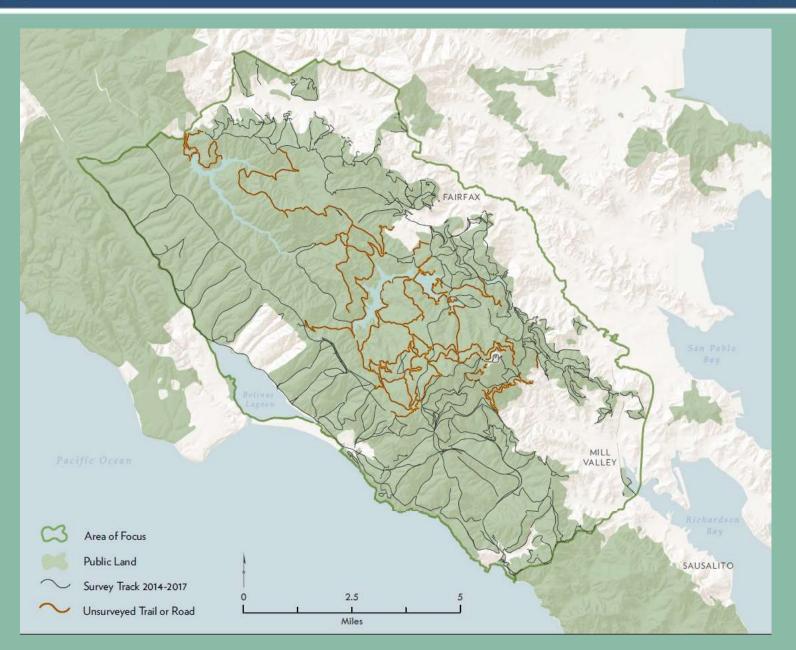


- 10 min trail treatments
 - Bags, tools in pack
- Biweekly calls for coordination
- Divvy up new problems with partner help
- Build time into survey schedule for treatments April – July



FINISH ROAD AND TRAIL SURVEYS







QUESTIONS TO RESOLVE



- Balance between survey and treatment
- Survey return intervals
- Incorporating infrastructure areas
- Riparian surveys



PRIORITIZATION





WHIPPET helps land managers prioritize invasive plant populations:

- Ranks based on impacts, invasiveness, and feasibility of control.
- Integrates species data with spatial analysis.
- Allows users to select species and area to analyze.
- Uses data from the Cal-IPC Inventory, Calflora, and other sources.

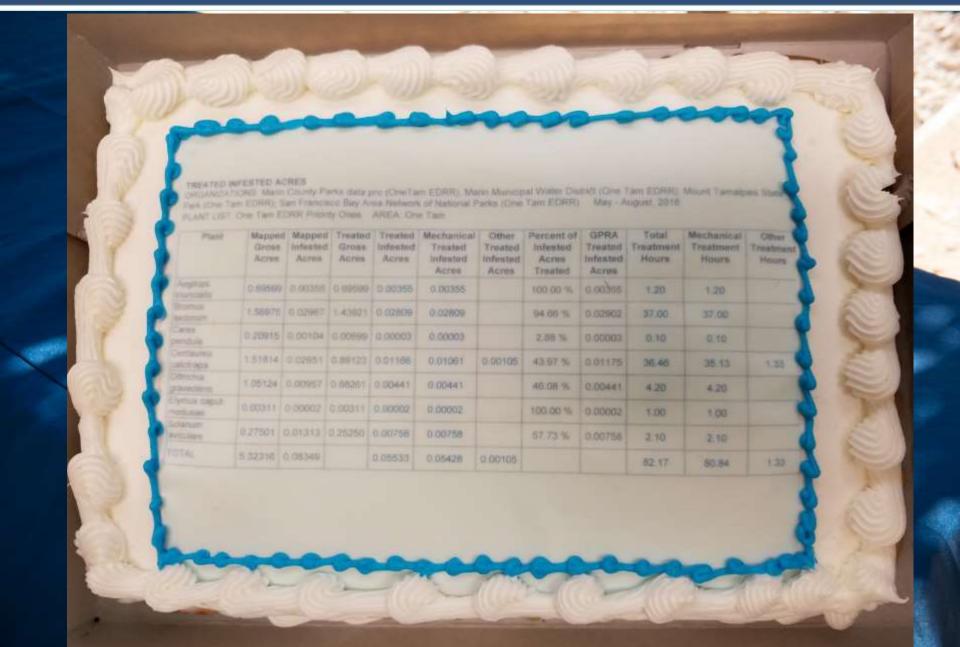
Start by logging in with your Calflora e-mail address and password.

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CELEBRATE SUCCESSES









STEAL WITH PRIDE

