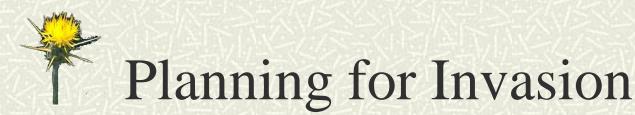
Implementation Plans

Brent Johnson Pinnacles National Park





- ✓ Assessment
- ✓ Prioritization
- ✓ Goals and Objectives
- Compliance & Avoidance Measures
- ✓ Funding
- Management Strategies
- Implementation Plan \rightarrow Work Plan

Management vs. Implementation Plan

Management Plan (what, how) • Long term (10 + yrs)Criteria based Broad alternatives – general All aspects of a program Control, prevention, early detection Implementation Plan (how, when) Specific – task oriented Short-term Alternatives/ back-up plan

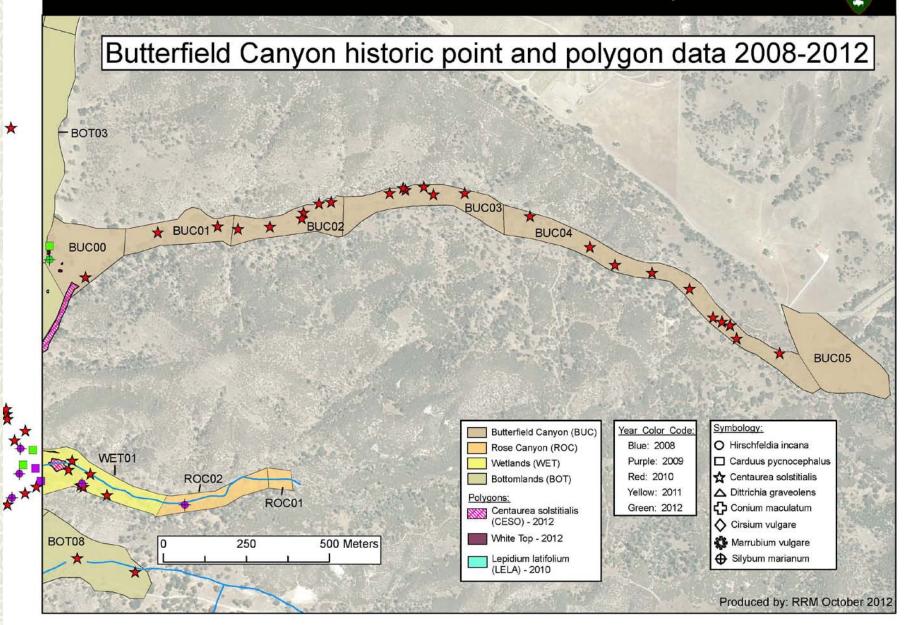


Audience for Implementation

- Public
- Cultural Resource Specialists
- Supervisors Managers
- Crews / Contractors
- Funders
- Other Agencies (US Fish & Wildlife)

Pinnacles National Park California

National Park Service U.S. Department of the Interior



Multi-Year Implementation

Species	Zone/Site	Est # yrs	Funding	Est. Person Hrs/yr	Control Tool(s)	Start Year
Nastyweed (Spinaria enmysockii)	Bear Campground	3	WMA	24	Foliar application using glyphosate; flaming or hand tools in areas <20 m to creek.	2016
	Wilderness Area	Ongoing	Pinnacles Partnership Grant	20	Hand-pull as needed; if population is greater than 40 individuals then spot spray glyphosate	2017
	Vernal Pool Meadow	2	NPS Base Funds	160 hrs 1 st yr; 20 hrs 2 nd yr	No herbicide <40m from pool.	2016

Work Plan

Species	Zone/Site	When	Who will implement?	Est. Person Hrs	Control Tool(s)	2016 Objectives (Work Plan)
Nastyweed (<i>Spinaria enmysockii</i>)	Bear Campground	Early June, or when bolting	Veg Crew and volunteer groups	24	Foliar application using glyphosate; flaming or hand tools in areas <20 m to creek.	Treat outlier populations and large population on east edge of campground (near riparian area).
	Wilderness Area	Early June, or when bolting	Trail crew	20	Hand-pull as needed; if population is greater than 40 individuals then spot spray glyphosate	Survey three major trails for new populations of nastyweed
	Vernal Pool Meadow	Late June	CNPS Volunteer Group	160	No herbicide <40m to pool.	Treat all outlier populations.

Work Plan \rightarrow Annual Report

Species	Zone/Site	When	Who will implement?	Person Hrs	Control Tool(s)	2016 Objectives (Work Plan)
Nastyweed (<i>Spinaria enmysockii</i>)	Bear Campground	Early June, or when bolting	Veg Crew and volunteer groups	40	Foliar application using glyphosate; flaming or hand tools in areas <20 m to creek.	Treat outlier populations and large population on east edge of campground (near riparian area).
	Wilderness Area	Early June, or when bolting	Trail crew	20	Hand-pull as needed; if population is greater than 40 individuals then spot spray glyphosate	Survey three major trails for new populations of nastyweed
	Vernal Pool Meadow	Late June	CNPS Volunteer Group	240	No herbicide <40m to pool.	Treat all outlier populations.



Benefits of Implementation Plans

- Helps track successes.
- Communicate with supervisor/funder
- Helps with future work plans estimating time/cost
- Tool to communicate planned work with other interested parties (Cultural Resources, Concessioners, Other Depts.)