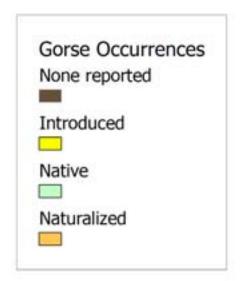


Tara Athan
Mendocino Coast Cooperative
Weed Management Area

Peter Warner
Independent botanical consultant and educator

Native Distribution of Gorse (Ulex europaeus)



Source: http://www.issg.org Map Created by Tara Athan, MCWMA, for the 2009 Cal-IPC Symposium

















"When gorse is out of bloom, kissing is out of season",

-old country saying





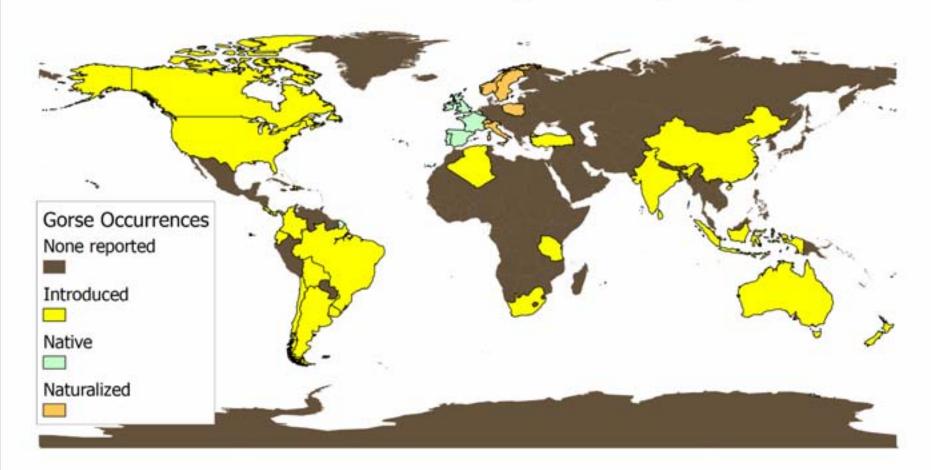
2 mm





Source: mozzercork on flickr

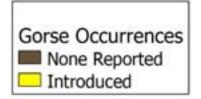
Global Distribution of Gorse (Ulex europaeus)

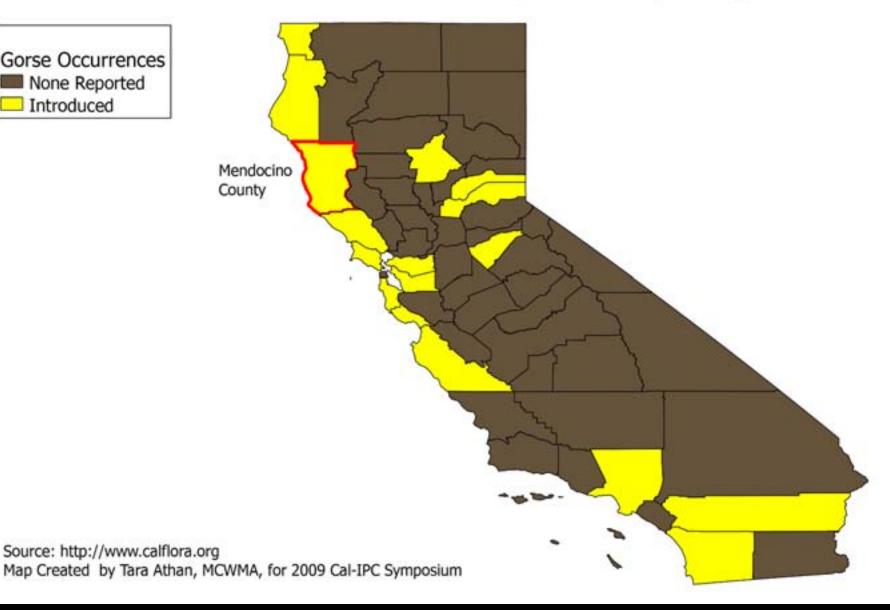


Source: http://www.issg.org

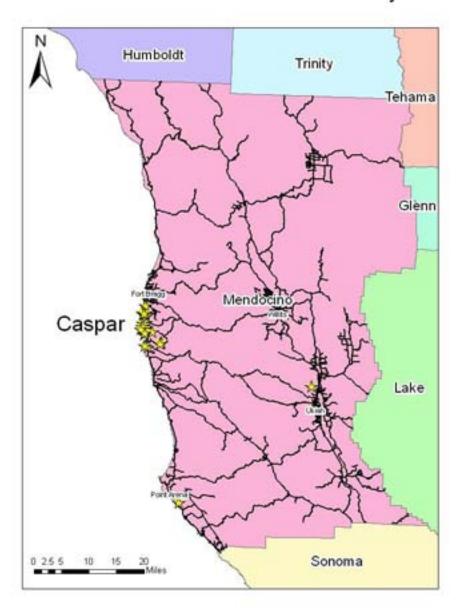
Map Created by Tara Athan, MCWMA, for the 2009 Cal-IPC Symposium

California Distribution of Gorse (Uleu europaeus)





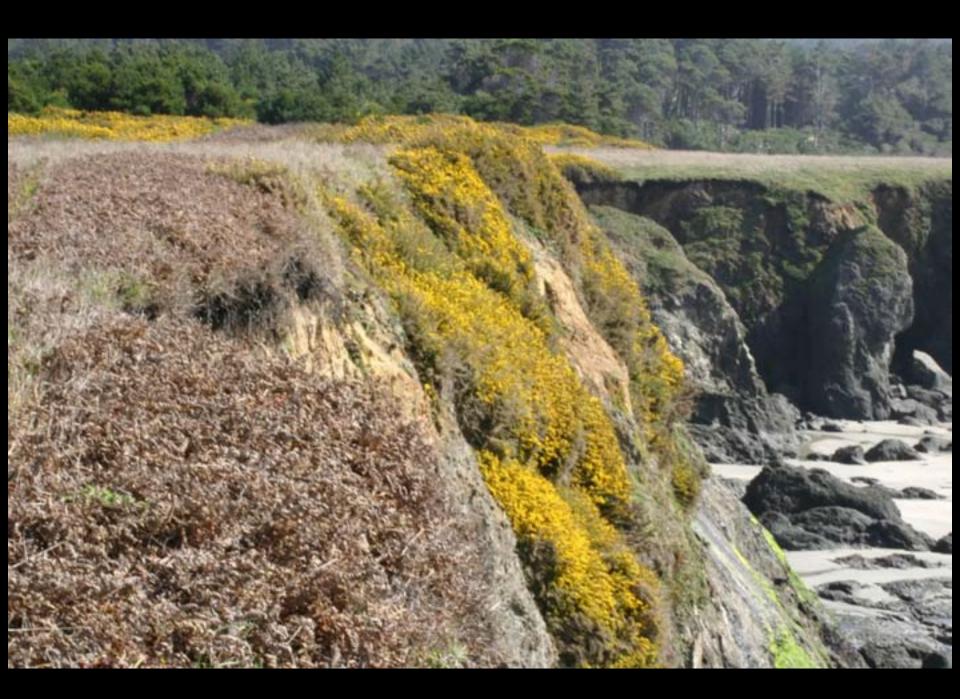
Overview of Gorse Containment Project



















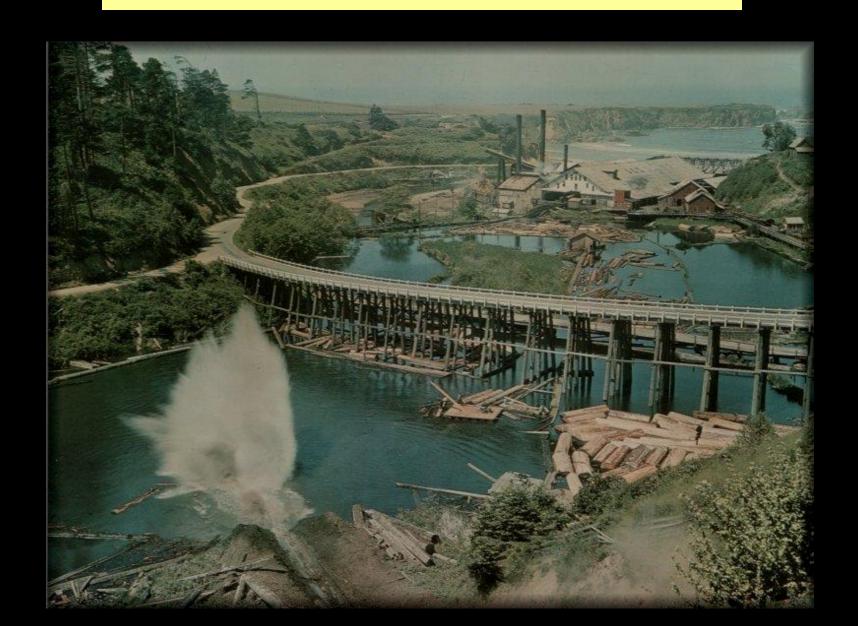








Historical Perspective on Caspar









Depression Era: Abandoned Lumber Mill in Mendocino County (photo by Dorothea Lang)



Bandon Burn: Cars on the Beach



Source: http://www.oregon.gov/ODF/FIRE/SB360/wui_history.shtml

Gorse seed weevil (Exapion ulicis)



JUG HANDLE STATE RESERVE



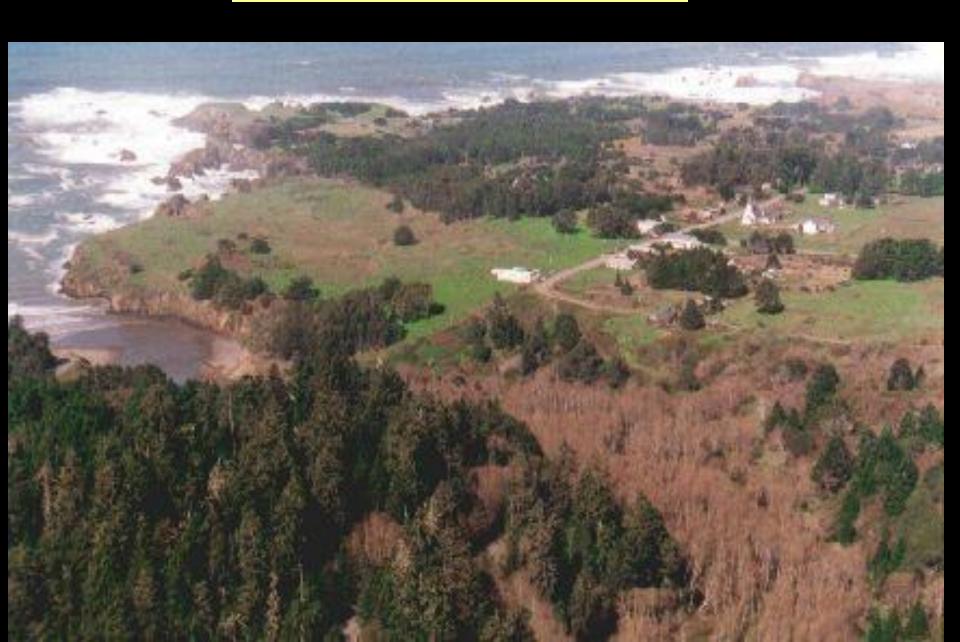
Gorse spider mite (Tetranychus lintearius)

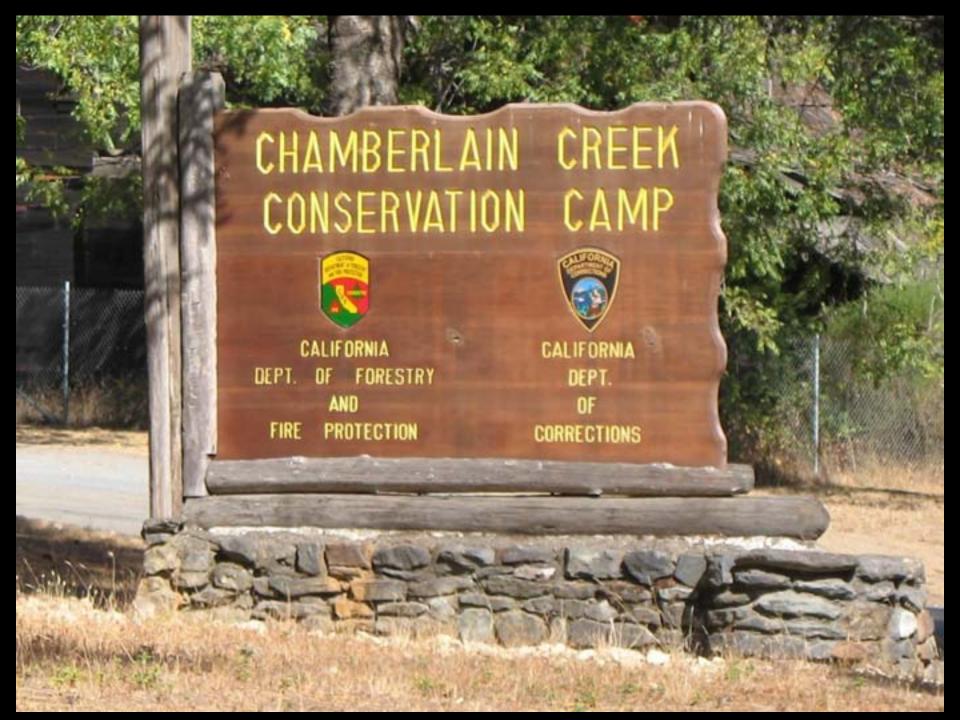






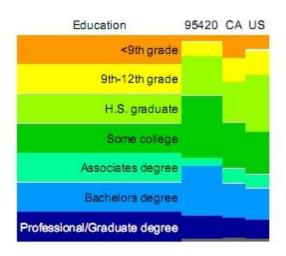
Caspar Headlands

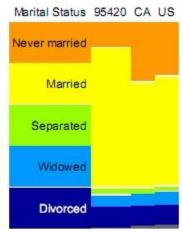




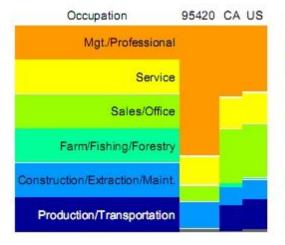


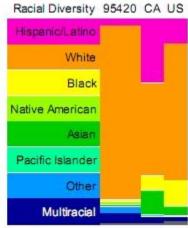














Annual Caspar Gorse Festival with Gertie the Gorse Monster



ISSUES

GORSE ERADICATION (OF CONTROL)

NEUER GETS ANYWHERE BECAUSE THE TAXPAYERS LOVE FLASHY SHORTTERM PROJECTS AND GORSE IS NEVER TREATED AS A LONG TERM PROJECT. GORSE

Loss of Wild life Habitatcorridors

ISSUES

* SPREADING/EXPANDING RANGE
OF INVASIVE WEEDS
IMPACTIVE NATIVE PLANT
COMMUNITIES

* FIRE - HAZARD * & BIRD SPECIES IMPACTS MONEY

SOLUTIONS

Positive Species after weed Removal + land is bare.

Conservation

GOATS

COOPERATION ON ADJACENT OWNERSHIPS

SOLUTIONS

- EDUCATION
- * NEWS PAPER ARTICLES
- + VOLUNTEERISM
- SUPPORT BY GOVERNMENT AGENCIES

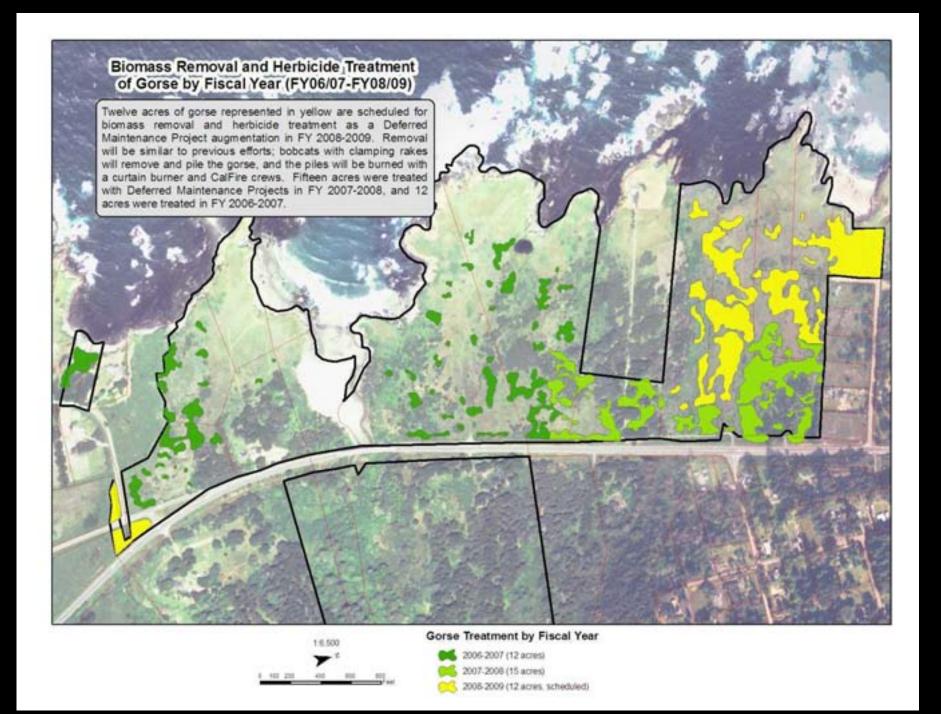
Writing more

grant

Proposals

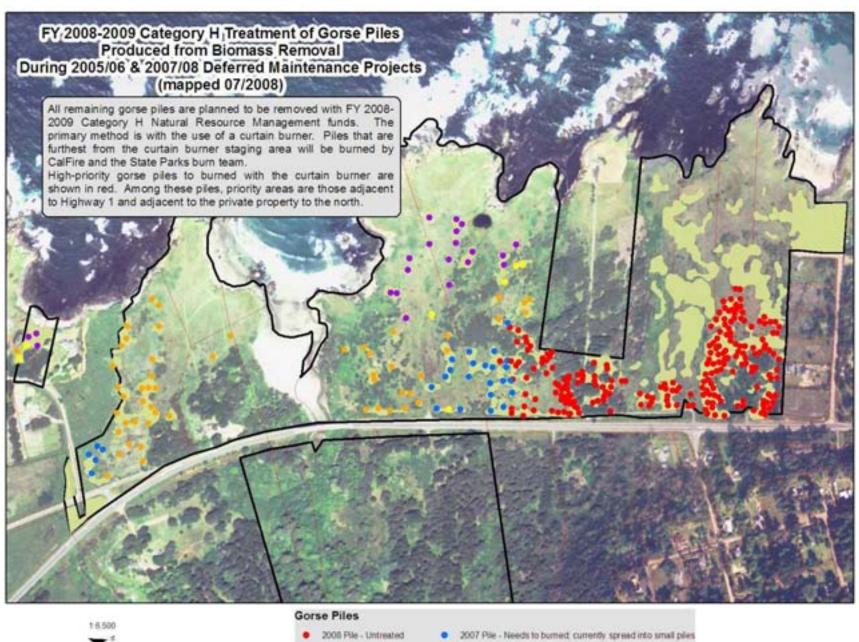
For Help

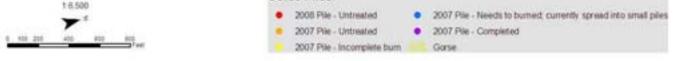
gorse on private land — Soution: get permission to eut.



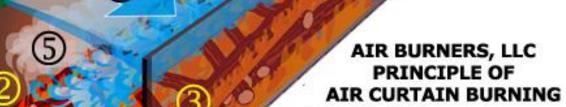












AIR BURNER

1=Air Manifold

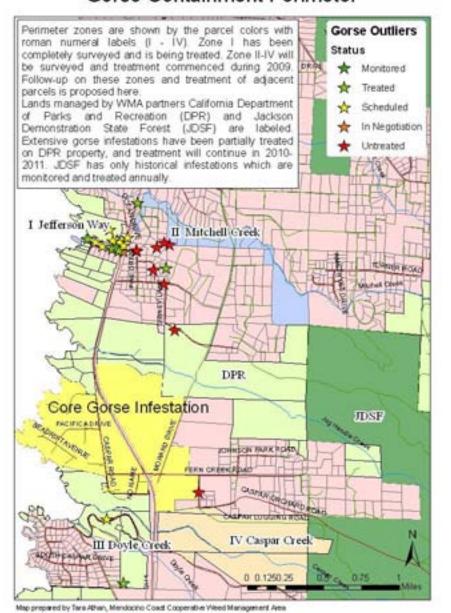
2=FireBox Refractory Wall

3=Wood Waste or Wood Fuel

4= Air Curtain (left to right)

5=Smoke (PM)

Gorse Containment Perimeter











Some Gorse Facts

- · Native to Western Europe.
- · Introduced by Caspar farmers for hedgerows.
- Out-competes native vegetation, creating a vegetation monoculture of poor quality for wildlife.
- Alters soil chemistry, making infestation by other weeds more likely.
- Can increase nitrate levels in water.
- Disrupts soil fungal and microbial function.
- Increases fire hazard due to high oil content and accumulation of dead branches.
- Reduces property value.

For more information mcwma.org/pages_html/gorse 485-1198 coord@mcwma.org

Ask us about assistance for your outlier gorse population.

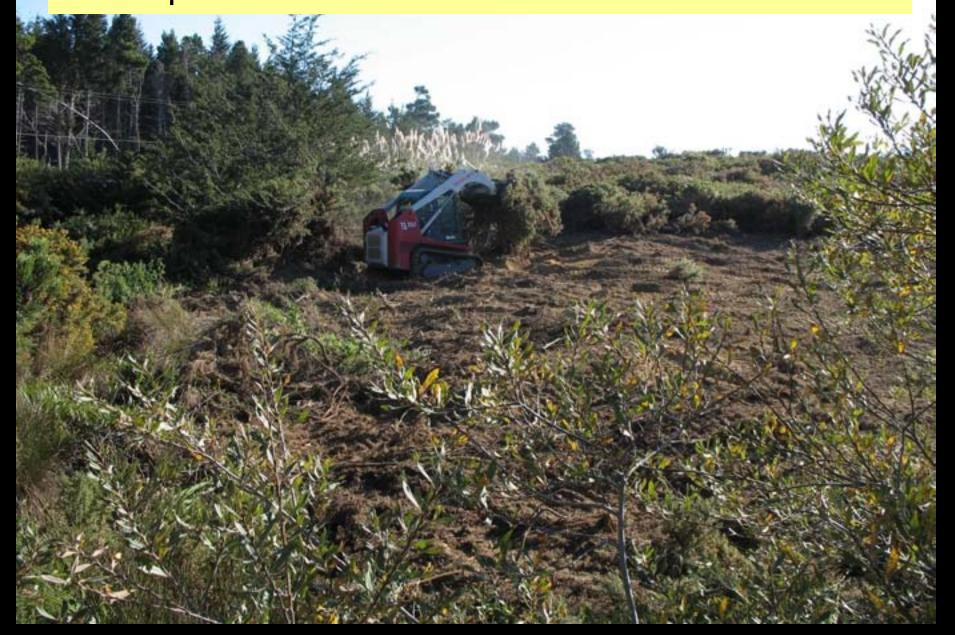
00

- Remove all young gorse plants!
 Much easier to handle than a 10' bush.
- Get qualified advice or experienced help.Gorse is a tough plant find out what works!
- Work the edges of larger patches. Roots must be killed to avoid resprouts.
- Keep gorse away from property lines!
 Your gorse-free neighbor will thank you.
- Dispose of gorse slash on site! Burn (carefully), chip or let decompose.
- 6. Follow up every year or more often. Gorse seeds survive for decades!
- Report sightings of gorse on public lands!If we don't know about it, we can't get rid of it.

DON'7

- Don't tackle the biggest, baddest patch first.
 A small, isolated plant is growing faster.
- Don't rely on mowing at ground level.
 This produces a gorse "lawn" with an underground root mesh that resprouts.
- Don't take gorse to the dump or put into trash, green waste bins or compost piles!
 Gorse seeds are small but cause big problems!
- Don't burn standing gorse!
 Such a fire can quickly escape control.
 Underground roots may burn and spread fire.
- Don't treat it and forget it.
 Eradication requires diligence and years!

Caspar Waste Transfer Station: October 2008



Caspar Waste Transfer Station: April 2009



Caspar Waste Transfer Station: September 2009

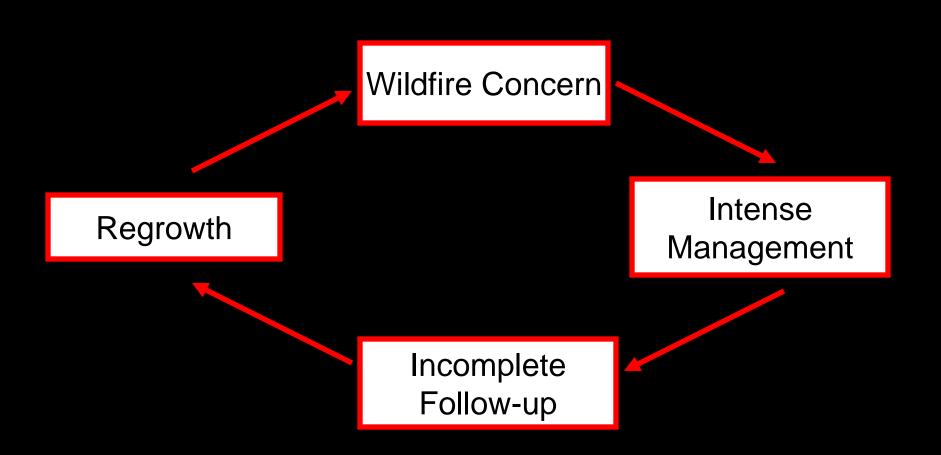


Funding Portfolio

- Short-term
 - Pulling TogetherInitiative (NFWF)
 - WMA Supplemental
 - Stimulus
 - Partner Initiatives
 - Donations
 - Fire Safe Council

- Long-Term
 - WMA Baseline
 - Partners: Maintenance
 - Residents: \$\$ andSweat Equity
 - Donations

Conclusions



Communication

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- Identify multiple benefits

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Acknowledgements

- Caspar residents:
 - Stuart Tregoning
 - Caroline Schooley
 - Guil Dye
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 - Judy Tarbell
 - Gertie
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 - Dave Bengston
 - Ray Harrie
 - Renee Pasquinelli
 - Bill Maslach
 - Bob Melendez
 - Domenic Bongio
 - Lynn Webb
 - Walt Decker
 - Julie Rogers
 - Art Morley

- MCWMA Partners and Friends
 - State Parks
 - Caltrans
 - Mendocino Ag Dept
 - Caltrans
 - Calfire
 - Mendocino Fire Safe Council
 - Caspar Fire Safe Council
 - Point Cabrillo Lighthouse Keepers
 - Mendocino County Historical Society