



North Coast Invasive Weeds

Early Detection Rapid Response Eradication Project

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Objectives

- ❖ Annual monitoring of target species
- ❖ Annual treatment of target species including:
 - Knotweeds
 - Himalayan (*Persicaria wallichii*)
 - Japanese (*Fallopia japonica*)
 - Giant (*Fallopia sachalinensis*)
 - Giant Reed (*Arundo donax*)
 - Shiny Geranium (*Geranium lucidum*)
- ❖ Public Outreach



Project Partners

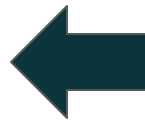
- ❖ Redwood Community Action Agency
- ❖ Humboldt County Department of Agriculture
- ❖ Mattole Restoration Council
- ❖ Caltrans
- ❖ California State Parks





Knotweeds

- ❖ Knotweeds are able to clog small waterways and reduce the quality of riparian vegetation - resulting in increased bank erosion, sedimentation of streams, and loss of habitat.



Japanese Knotweed

Himalayan Knotweed



Arundo



Shiny Geranium





Treatments

- ❖ Late summer/early fall treatments
- ❖ Herbicide used:
 - Imazapyr
- ❖ Methods:
 - Spraying for knotweeds and Arundo
 - Hand pulling for shiny geranium



Results

- ❖ To date, there has been an approximate 99% reduction in all of the knotweed species and giant reed species that **we have treated**.
- ❖ There has been an increase in the shiny geranium population.
 - Coordination with Caltrans/County mowing schedules needed.

2018



2021





Future Work

- ❖ WCB grant ends this year
- ❖ RCAA has funding from the Humboldt County Department of Agriculture
- ❖ RCAA will seek funding through HWMA