

CVPIA Habitat Restoration Program

U.S. Department of the Interior



Management

Co-Leads

John Thomson FWS

Chuck Solomon BOR

Objectives of HRP

- **Protect and restore native habitats impacted by CVP.**
- **Stabilize and improve populations of native species impacted by CVP. Initial focus is on listed species.**
- **Minimize conflicts with current and ongoing CVP projects and programs.**

Central Valley of California



Technical Team

- **Bureau of Reclamation**
- **Fish and Wildlife Service**
- **California Department of Fish and Game**

Project Selection

- **CVP Nexus**
- **Presence of T&E species**
- **Presence of native species**
- **Ecosystem or multiple species benefits**
- **Mitigation of adverse impacts**
- **Cumulative & long-term benefits**
- **Project connectivity**

Implementation Activities

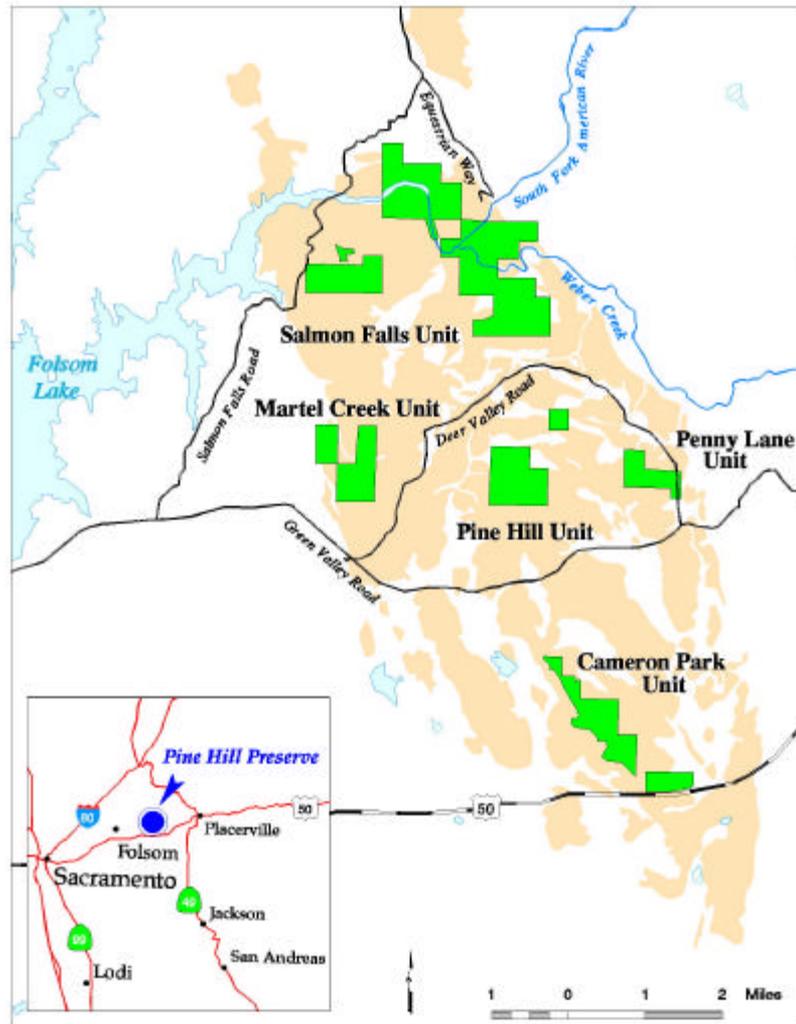
- Acquisition
- Conservation Easement
- Habitat Restoration
- Habitat Management
- Studies
- Monitoring

Background

- **Initiated in FY 1996**
- **Funding: \$16.5 million total**
- **Currently funded @ 1.5 million/year**
- **Funded 53 projects since 1996**
 - ~89,000 acres protected (fee title or conservation easement)
 - Restoration / management (~9)
 - Surveys / studies (~12)

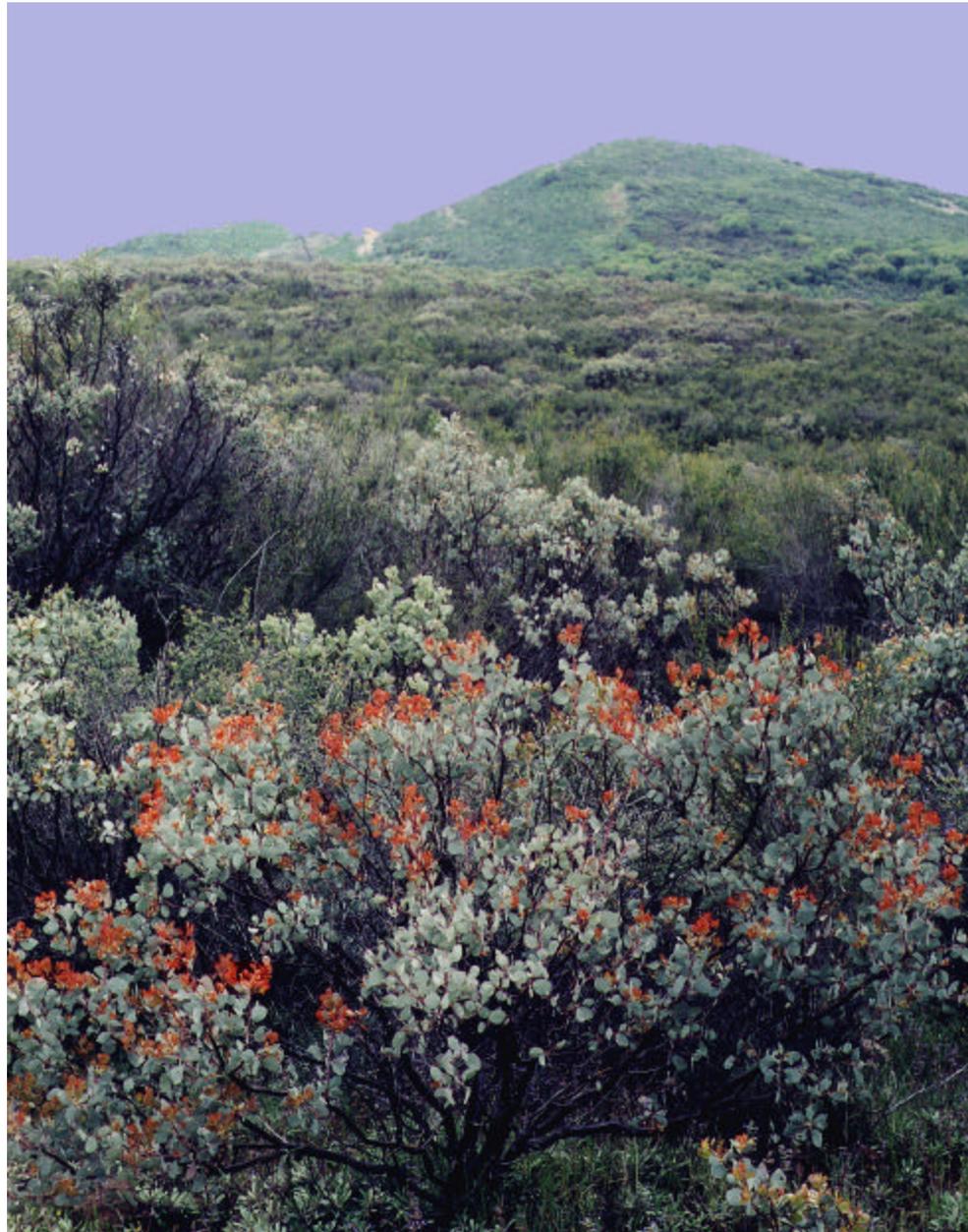
Projects Funded in FY 2002

Pine Hill Reserve	\$ 400,000
Giant Garter Snake Monitoring-Colusa NWR*	38,060
Riparian Brush Rabbit *	448,000
Deer Creek Hills	200,000
Butte County Vernal Pools	161,000
CSU GIS Habitat Trend Analysis*	20,000
Giant Garter Snake Surveys, Grassland WD	171,760
Llano Seco Riparian Restoration	74,995
Program	FWS ~148,800
Administration	BR 75,000
*ongoing/funded previously	
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	1,737,615

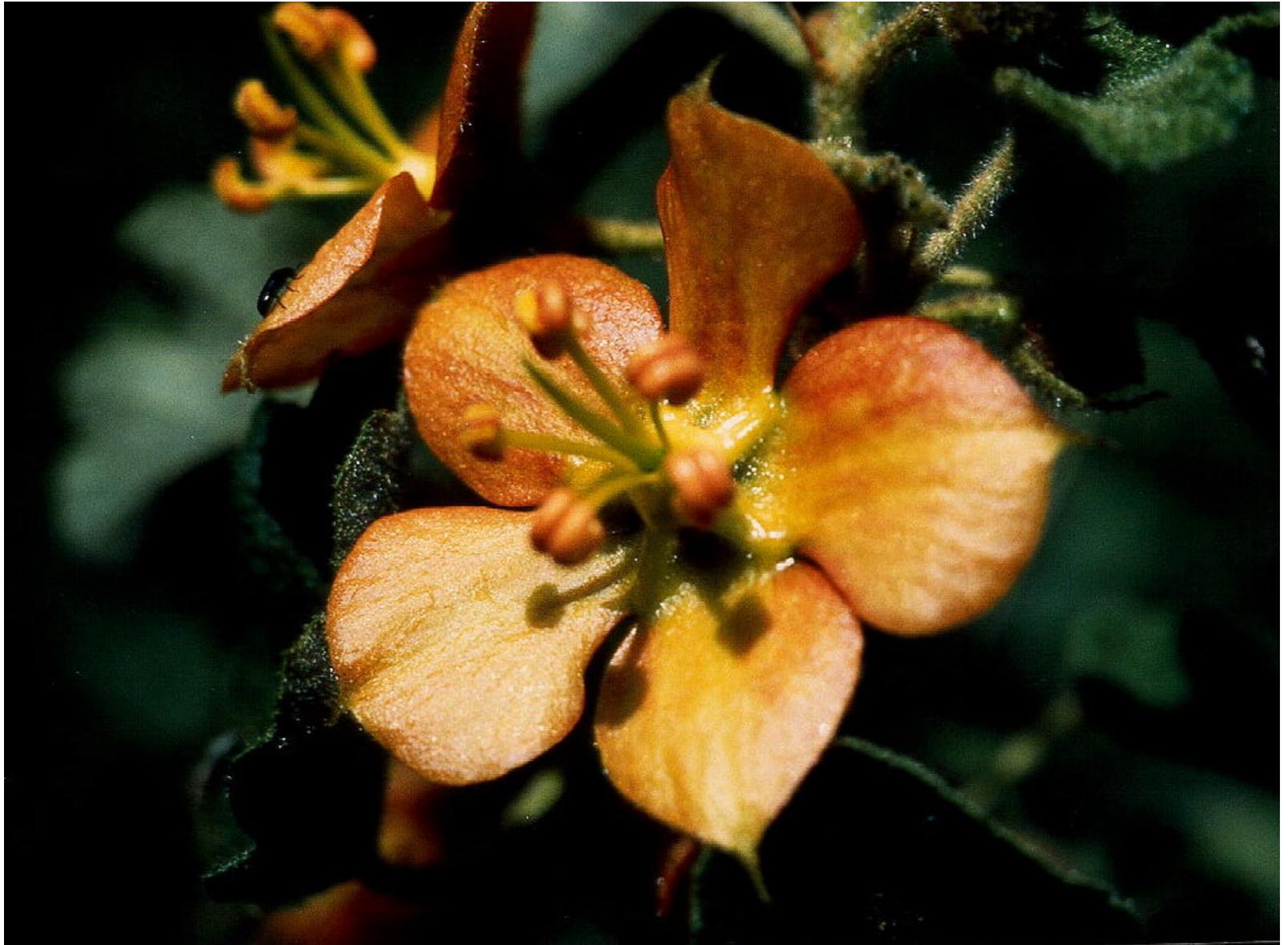


Pine Hill Preserve

- Current Preserve Units
- Gabbro Soils and Project Area



































Recommended Projects for Funding in FY 2003

Riparian Brush Rabbit	\$ 300,000
Giant Garter Snake Monitoring - Colusa NWR	58,700
Giant Garter Snake Surveys –San Luis NWR	39,200
Other Project Funding *	790,026
Program Administration (FWS & BOR)	312,074

*Directed Actions or 03 PSP

1,500,000

Priorities for FY 2003

- **Grassland, alkali sink, and alkali scrub in Central Valley**
- **Habitat protection and management of gabbro soils and chaparral**
- **Riparian upland habitat mosaic throughout Central Valley**
- **Vernal pool habitat throughout Central Valley**
- **Serpentine and other unique topo-edaphic habitats supporting endemic species**
- **Oak woodland habitat in Central Valley in association with above habitats.**

Benefits

- **Increase in biodiversity and ecological functions**
- **Increase in native species populations**
- **Stabilize areas of native habitat**
- **Decrease rate of endangerment of species**
- **Assist in de-listing or down-listing of species**

Partnerships

- **We are more effective working together than working individually**

BOR

TNC

UC Davis

FWS

TPL

CSU Chico

USFS

ARC

CDFG

NRCS

NFWF

WCB

BLM

Packard

Private