

California State Wildlife Action Plan (SWAP) 2015

**Desert Regions
 Springs and Springbrooks Habitat**

What are the sensitive species found in the springs and springbrooks habitat? The following 17 springs and springbrooks dependent species from this region are found to be sensitive:

Amphibian [2]

ARROYO TOAD

BLACK TOAD

Reptile [1]

SOUTHWESTERN POND TURTLE

Fish [14]

AMARGOSA SPECKLED DACE

OWENS TUI CHUB

AMARGOSA PUPFISH

OWENS SPECKLED DACE

COTTONBALL MARSH PUPFISH

OWENS SUCKER

DESERT PUPFISH

SALT CREEK PUPFISH

LONG VALLEY SPECKLED DACE

SHOSHONE PUPFISH

MOHAVE TUI CHUB

SARATOGA SPRINGS PUPFISH

OWENS PUPFISH

TOIKONA TUI CHUB

What do we find important for recovering and sustaining healthy springs and springbrooks habitat? Ecological conditions that are found to be most critical to sustain healthy springs and springbrooks habitat in this region are:

- Area and extent
- Connectivity
- Community structure and composition
- Surface Water Flow Regime
- Ground water level

Degraded ecological conditions that are found to be impacting the springs and springbrooks habitat in this region are:

- Changes in area and extent
- Changes in community structure and composition
- Habitat fragmentation
- Changes in natural fire regime
- Changes in surface water flow regime
- Change in groundwater levels
- Changes in precipitation

Human related activities and issues that are found to be sources of potential impacts to the springs and springbrooks habitat are:

- Invasive plants/animals
- Hybridization with introduced forms
- Problematic native species
- Incompatible recreational activities
- Incompatible aquaculture practices
- Dams & incompatible water management
- Groundwater overdraft
- Renewable energy development and operations
- Commercial & industrial development
- Incompatible grazing practices

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More questions?

1. Come talk to us and ask questions at scoping meetings!
2. Check our Website: <http://www.dfg.ca.gov/SWAP/>
3. Provide written comments

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