

State Wildlife Action Plan (SWAP) 2015
Southeastern Great Basin Region
Desert Riparian Habitat

Desert riparian habitat is found along rivers and stream across the state forming green belts along the running watercourses. Desert riparian habitat is home for many species providing water, food, escape, and nesting areas. Some species spend their entire life within the habitat (desert riparian endemic species), while some are frequent visitors from the adjacent lands and some are yet from distance migrating from across the borders.

What are the sensitive species found in the desert riparian habitat? The following 20 desert riparian dependent species from this region are found to be sensitive:

Invertebrate

WONG SPRINGSNAIL

Amphibian

BLACK TOAD

INYO MOUNTAIN SLENDER SALAMANDER

Reptile

PANAMINT ALLIGATOR LIZARD

Bird

INYO CALIFORNIA TOWHEE

SUMMER TANAGER

NORTHERN HARRIER

GRAY VIREO

YELLOW-BREASTED CHAT

YELLOW-HEADED BLACKBIRD

LEAST BITTERN

YELLOW WARBLER

LOGGERHEAD SHRIKE

Mammal

PALLID BAT

FRINGED MYOTIS

WESTERN MASTIFF BAT

LONG-LEGGED MYOTIS

SOUTHERN GRASSHOPPER MOUSE

BIGHORN SHEEP

WHITE-TAILED JACKRABBIT

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

- Area and extent
- Successional dynamics
- Surface Water Flow Regime
- Community structure and composition

Degraded ecological conditions that are found to be impacting the desert riparian habitat in this region are:

- Habitat fragmentation
- Changes in spatial extent
- Changes in community structure or composition
- Changes in biotic interactions (altered community dynamics)
- Changes in functional process of ecosystem
- Changes in successional processes and ecosystem development

Human related activities and issues that are found to be sources of potential impacts to the [desert riparian habitats] are:

- Problematic native species (Parasites/pathogens)
- Invasive plants and animals

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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