



Southwest Regional Gap Analysis Wildlife Habitat Relationship

ID	2103	Model Name	SWReGAP 173446
Taxa code (ITIS)	173446		
Scientific Name	Rana aurora		
Common Name	red-legged frog		
Created By	dbradford	Last Modified By	kboykin
Date	12/15/2003	Date	7/27/2005 11:34:47 PM

Sensitive Data

Model Description FINAL SWReGAP MODEL; USE DISTANCE TO LAKES = 1.

Background Distribution: Introduced in Nye Co., NV, "at Millett and elsewhere in Big Smoky Valley and at Duckwater" (Stebbins 2003), and observed at Green Springs in White Pine Co., NV (Reaser 2003). Specimens identified from Wild Horse and Taylor Canyon, Elko Co., NV (Reaser 2003). Duckwater population identified as R. aurora by Green (1985).

Habitat: "Usually found in or near quiet permanent water of streams, marshes, or (less often) ponds and other quiet bodies of water; also sometimes in damp woods and meadows some distance from water. In California, occurs in sites with dense vegetation (e.g., willows) close to water and some shading; can occupy ephemeral pools if the water remains until late spring or early summer.. estivates in small mammal burrows and moist leaf litter in dense riparian vegetation up to 26 m from water.... Disperses from water in wet weather." (NatureServe 2003). "From near sea level to about 8,000 ft (2,440 m)" (Stebbins 2003).

Movements: "may move substantial distances (>300 m) from breeding pools in mesic forests and riparian areas" (Pearl, in press). "Overland movements of over two miles recorded in Santa Cruz Mts., Calif." (Stebbins 2003).

Description Changes Deleted springs; changed one HUC from p34 to k34 (KB 07/21/05); USE DISTANCE TO LAKES = 1.

Relationships

Elevation 0 - 2440;

Slope Min n/a

Precipitation	n/a
Temperature	n/a
Soil Depth	n/a
Aspect	n/a
Landform	n/a
Distance to Water	0 - 300m from Permanent Streams, Lakes, Wetlands
Soil associations	n/a
Mountain Ranges	n/a
Ecological System	n/a

Citations

NatureServe 2004 NatureServe Explorer: An online encyclopedia of life [web application]. Version 4.2 NatureServe, Arlington, Virginia. Available <http://www.natureserve.org/explorer>. (Accessed 1/13/2005)

Green, D.M 1985 Biochemical identification of red-legged frogs, *Rana aurora draytoni* (Ranidae) at Duckwater, Nevada Southwestern Naturalist 30: 614-616

Stebbins, R.C 2003 A field guide to western reptiles and amphibians. Third Edition Houghton Mifflin, Boston

Pearl, C.A In press *Rana aurora* Baird and Girard, 1852; Red-legged frog Pp. 000-000 in M.J. Lannoo (ed.), Status and Conservation of U.S. Amphibians, University of California Press, Berkeley. In Press

Reaser, J.K. 2003 Occurrence of the California red-legged frog (*Rana aurora draytonii*) in Nevada, USA Western North American Naturalist 63: 400-401