

## Aquatic animals recorded, or suspected, in San Juan County: amphibians and turtles

Bold=documented current presence, Shaded=introduced, \*=Invasive

	Common name	Scientific name	Status	Foraging habitat	Egg-laying habitat
Terrestrial salamanders <sup>1</sup>	Oregon ensatina	<i>Ensatina eschscholtzii</i>		Humid forest, wooded wetlands	Burrows in deep soils
	Western redback	<i>Plethodon vehiculum</i>		Humid forest	Under logs and rocks
Aquatic salamanders	<b>Rough-skinned newt</b>	<i>Taricha granulosa</i>		Forest, open woodland, farms	Vegetated ponds/lakes
	<b>Northwestern salamander</b>	<i>Ambystoma gracilis</i>	3	Humid forests	Seasonal/shallow ponds
	<b>Long-toed salamander</b>	<i>Ambystoma macrodactylis</i>	3	Forests, open woodland, meadows	Seasonal pools, lake edge
	Torrent salamander	<i>Rhyacotriton olympicus</i>	2B	Cold springs and streams	Springs, seeps, pools
Frogs	<b>Pacific tree frog</b>	<i>Hyla (Pseudacris) regilla</i>		Marshes, wooded wetlands	Seasonal pools, ponds
	<b>Red-legged frog</b>	<i>Rana aurora</i>	3	Humid forest, wooded wetlands	Shady ponds/lake edges
	Cascade frog	<i>Rana cascadae</i>	2C	Moist mountain forest, meadows	Bogs, cold ponds
	Tailed frog	<i>Acapus truei</i>	2B	Cold forest streams	Under stream cobbles
	<b>Bullfrog*</b>	<i>Rana catesbeiana</i>		Warm sunny ponds	Warm ponds
Toads	<b>Western toad</b>	<i>Bufo boreas</i>	2B	Open forest and meadows	Ponds, lake edges
Turtles	Western pond turtle <sup>2</sup>	<i>Clemmys marmorata</i>	1	Ponds and lakes	Upland soil burrows
	<b>Western painted turtle*</b> <sup>3</sup>	<i>Chrysemys picta</i>		Lakes, ponds, wetlands, creeks	Upland soil burrows
	<b>Pond (red-eared) slider*</b>	<i>Trachemys scripta</i>		Vegetated ponds and lakes	Upland soil burrows

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1. Terrestrial salamanders occupy water only for breeding, laying eggs, and larval rearing.
2. Known historically from San Juan County to 1984 but not subsequently documented.
3. Native to Washington State but not to the Puget Lowlands or islands, where it was introduced in the 1950s.

Status codes:

1=Listed under the Federal Endangered Species Act

2=Special status under Washington State law (A=species of concern, B=state candidate, C=monitored)

3=Locally scarce or endangered within San Juan County

**Other aquatic and water-associated animals recorded, or suspected, in San Juan County**

	Common name	Scientific name	Status	Foraging habitat	Reproductive habitat
Salmonids	<b>Coastal cutthroat trout</b> <sup>4</sup>	<i>Oncorhynchus clarki clarki</i>	2B,3	Cold streams, ponds, marine	Stream riffles
	<b>Rainbow trout (steelhead)</b> <sup>5</sup>	<i>Oncorhynchus mykiss</i>	1	Cold streams, lakes, ponds	Stream riffles
	Chum salmon <sup>5</sup>	<i>Oncorhynchus keta</i>	1	Estuarine and marine	Stream riffles
	Coho salmon <sup>5</sup>	<i>Oncorhynchus kisutch</i>	1	Estuarine and marine	Stream riffles
	<b>Brook trout</b> **	<i>Salvelinus fontinalis</i>		Streams and ponds	Stream riffles
Sunfish	<b>Largemouth Bass</b> **	<i>Micropterus salmoides</i>		Shallow vegetated lakes or ponds	Soft lake shallows
	<b>Smallmouth bass</b> **	<i>Micropterus dolomieu</i>		Shallow lakes, ponds or sloughs	Soft lake shallows
	<b>Bluegill</b> *	<i>Lepomis macrochirus</i>		Shallow vegetated lakes or ponds	Soft lake shallows
	<b>Pumpkinseed</b> *	<i>Lepomis gibbosus</i>		Shallow vegetated lakes or ponds	Soft lake bottoms
Other fish	<b>Carp</b> **	<i>Cyprinus carpio</i>		Warm still lakes and ponds	Warm shallows
	<b>Three-spine stickleback</b>	<i>Gasterosteus aculeatus</i>		Vegetated estuaries or streams	Vegetated shallows
	<b>Sculpins</b>	<i>Cottus spp</i>	3	Cold streams, pools, falls	Rocks and cobbles
Snakes	<b>Northwestern garter snake</b>	<i>Thamnophis ordinoides</i>		Ponds, wetlands, forest, meadows	Viviparous (burrows)
	<b>Wandering garter snake</b>	<i>Thamnophis elegans vagrans</i>		Pools, ponds, wetlands, forest	Viviparous (burrows)
Mammals	<b>Beaver</b> <sup>6</sup>	<i>Castor canadensis</i>	3	Wetlands (aspen, alder, willow)	Constructed ponds
	<b>Muskrat</b>	<i>Ondatra zibethicus</i>	3	Sloughs, lakes, marshes, streams	Streambank dens
	<b>Mink</b> <sup>7</sup>	<i>Mustela vison</i>		Shorelines, streams, wetlands	Shoreline burrows
	<b>Northern river otter</b>	<i>Lontra Canadensis</i>		Shorelines, estuaries, streams	Shoreline burrows <sup>8</sup>
	<b>Northern racoon</b>	<i>Procyon lotor</i>		Forests and farms near water	Tree cavities <sup>8</sup>
	<b>Bats</b>	<i>At least 5 species</i>		Wetlands, ponds, wet meadows	Caves, cavities, barns

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4. Native, but some San Juan County populations may include some hatchery fish.

5. Older fishermen report both native and introduced populations; no known wild populations at this time.

6. Functionally extirpated from San Juan County by the 1850s but known sporadically to re-colonize the islands.

7. Probably functionally extirpated from SJC in the 19<sup>th</sup> century but re-introduced by fur farms and released in the mid-20<sup>th</sup> century.

8. These species are especially likely to occupy shoreline buildings and docks when available.