

New Plant and Animal Species First Discovered within the bounds of Red Rock Canyon State Park

(Holotype Specimens & Type Localities for Living Species)

Faunal Species

<u>Organism</u>	<u>Original Scientific Name</u>	<u>Researcher</u>	<u>Current Scientific Name</u>	<u>Location of Discovery</u>
Small Miner Snail	<i>Micrarionta (Eremarionta) micrometalleus</i>	Berry 1930	<i>Sonorelix (Mohavelix) micrometalleus</i>	Red Rock Canyon SP Last Chance Canyon
Mimic Shoulderband Snail	<i>Helminthoglypta micrometalleoides</i>	Miller 1970	<i>Helminthoglypta micrometalleoides</i>	Iron Canyon/Goler – 5 mile east of state park
Chemsak's Desert Moth	<i>Eremanthe chemsaki</i>	Munroe 1972	(same)	Red Rock Canyon
Martini's Moth	<i>Plumipalpia martini</i>	Munroe 1961	(same)	Dove Spring – ½ mile west of state park
Red Rock Sunbather Moth	cf. <i>Heliothodes (species yet to be named)</i>	T. Sears (in prep)		Red Rock Canyon
Parched Fringe-toed Scorpion	<i>Serradigitus torridus</i>	Williams & Berke 1986	(same)	Red Rock Canyon

Floral Species

Red Rock Tarplant	<i>Hemizonia arida</i>	Keck 1958	<i>Deinandra arida</i>	Red Rock Canyon
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Red Rock Poppy	<i>Eschscholzia minutiflora twisselmannii</i>	Clark & Faull 1991	(same)	Red Rock Canyon
Red Rock Canyon Gilia	<i>Gilia tenuiflora</i> var. <i>speciosa</i>	Jepson 1943	<i>Gilia cana speciosa</i> (<i>Paleontological Species Nova</i>)	Red Rock Canyon

Paleontological Flora

<u>Organism</u>	<u>Original Scientific Name</u>	<u>Researcher</u>	<u>Location of Discovery</u>
C4 Grass	<i>Tomlinsonia thomassonii</i>	Tidwell & Nambudri 1989	Red Rock Canyon State Park Last Chance Canyon
Pinyon Pine	<i>Pinus kelloggii</i>	Webber 1933	Red Rock Canyon State Park Last Chance Canyon
Live Oak	<i>Quercus ricardensis</i>	Webber 1933	Red Rock Canyon State Park Last Chance Canyon
Locust Tree	<i>Robinia alexanderi</i>	Webber 1933	Red Rock Canyon State Park Last Chance Canyon
Palm Tree	<i>Palmoxydon mohavensis</i>	Webber 1933	Red Rock Canyon State Park Last Chance Canyon

Paleontological Fauna

<u>Organism</u>	<u>Original Scientific Name</u>	<u>Researcher</u>	<u>Current Scientific Name</u>	<u>Location of Discovery</u>
Rear-fanged Snake	<i>Protychophis achoris</i>	Whistler & Wright 1989	(same)	Red Rock Canyon
Alligator Lizard	<i>Paragerrhonotus ricardensis</i>	Estes 1963	(same)	Red Rock Canyon
Goose	<i>Branta howardse</i>	Miller 1930	(same)	Red Rock Canyon

Vulture	<i>Neophrontops ricardoensis</i>	Rich 1980	(same)	Dove Springs – ¼ mile west of state park
Shrew	<i>Hesperosorex chasseur</i>	Tedford 1961	<i>Alluvisorex chasseur</i>	Red Rock Canyon
<u>Organism</u>	<u>Original Scientific Name</u>	<u>Researcher</u>	<u>Current Scientific Name</u>	<u>Location of Discovery</u>
Shrew	<i>Mojavesorex macconnelli</i>	Whistler 1969	(not officially published – in prep.)	Dove Springs – ½ mile west of state park
Mole	<i>Scapanus shultzi</i>	Tedford 1961	(same)	Red Rock Canyon
Skunk	<i>Martinogale faulli</i>	Wang et al. 2005	(same)	Dove Springs – ¼ mile west of state park
Weasel	<i>Mustela budwaldi</i>	Merriam 1919	(same)	Red Rock Canyon
Antilocaprid	<i>Paracosoryx furlongi</i>	Frick 1937	(same)	Red Rock Canyon
Horse	<i>Protohippus tantalus</i>	Merriam 1913	<i>Pliohippus tantalus</i>	Red Rock Canyon
Elephant-like Gomphothere	<i>Serbelodon burnhami</i>	Osborn 1933	<i>Amebelodon burnhami</i>	Red Rock Canyon
Fox	<i>Metalopex macconnelli</i>	Tedford, et al. (in press)		Red Rock Canyon
Dog	<i>Tomarctus robustus</i>	Green 1948	<i>Carpocyon robustus</i>	Red Rock Canyon
Saber-tooth	<i>Ischyrosmilus osborni</i>	Merriam 1919	<i>Barbourofelis osborni</i>	Red Rock Canyon

Paleontological Synonymies (involving original Red Rock holotype specimens)

<u>Organism</u>	<u>Original Scientific Name</u>	<u>Researcher</u>	<u>Current Synonymized Name</u>	<u>Location of Discovery</u>
Oreodont	<i>Merycochoerus californicus</i>	Merriam 1919	<i>Merychys major</i>	Red Rock Canyon
Horse	<i>Hipparion mohavense</i>	Merriam 1913	<i>Cormohipparion occidentale</i>	Red Rock Canyon
Horse	<i>Hipparion mohavense callodonte</i>	Merriam 1915	<i>Cormohipparion occidentale</i>	Red Rock Canyon
Horse	<i>Protohippus fairbanksi</i>	Merriam 1915	<i>Pliohippus tantalus</i>	Red Rock Canyon
Dog	<i>Aelurodon aphobus</i>	Merriam 1919	<i>Epicyon haydeni</i>	Red Rock Canyon
Bear-dog	<i>Hadrocyon mohavensis</i>	Stock & Furlong 1926	<i>Ischyrocyon gidleyi</i>	Red Rock Canyon S P Last Chance Canyon

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