

TOMALES DUNES SPECIES LIST—partial

Threatened, Endangered, and Rare species

California brown pelican
Pelecanus occidentalis californicus
Federally and State endangered

Western snowy plover
Charadrius alexandrinus nivosus
Federally threatened

California red-legged frog
Rana aurora draytonni
Federally threatened species

Woolly-headed spineflower
Chorizanthe cuspidata var. *villosa*
CNPS 1b (considered as endangered by
CA Dept of Fish & Game)

Federal Species of Concern and CA Species of Special Concern

American white pelican
Pelecanus erthrorhynchos
State

California Horned Lark
Eremophila alpestris actia
State

Northern Harrier
Circus cyaneus
State

Merlin
Falco columbarius
State

Saltmarsh Common Yellowthroat
Geothlypis trichas sinuosa
Federal & State

Short-eared Owl
Asio flammeus
State

Northwestern pond turtle
Clemmys marmorata marmorata
Federal & State

Pacific sand bear scarab beetle
Lichnanthe ursina
Federal

Point Reyes Bird's Beak
Cordylanthus maritimus ssp. *Palustris*
State

Globose dune beetle
Coelus globosus
Federal

Species that are likely to exist in the area, have been extirpated and/or are good candidates for re-introduction

The Tomales Dunes area has not been thoroughly inventoried. In recent years, scientists have made several important discoveries in the dunes, including the discovery of a still-named hybrid of the scarce Pacific *ryegrass* (*Leymus pacificus*). In 1998, the U.S. Fish and Wildlife Service recommended that the Myrtle's silverspot butterfly be re-introduced to the Tomales dunes, along with Tidestrom's lupine (which disappeared from the site in the early 1990s due to overgrazing) and several other associated plants. Other rare and endangered species that may already exist here, or are good candidates for introduction or re-introduction include:

California black rail

Laterallus Jamaicensis coturniculus

Federal Species of concern

State threatened

Myrtle's silverspot butterfly

Speyeria zerene myrtleae

Federally endangered

Beach layia

Layia carnosa

Federally endangered

Coast marsh milkvetch

Astragalus pycnostachyus var.

pycnostachyus

Pending listing as Federal Species of Concern

Dune gilia

Gilia capitata ssp. *chamissonis*

CNPS (considered as endangered by CA Dept of Fish & Game)

Northern beach glehnia

Glehnia littoralis ssp. *leiocarpa*

Sonoma spineflower

Chorizanthe valida

Federally endangered

Tidestrom's lupine

Lupinus tidestromii

Federally endangered

Showy indian-clover

Trifolium amoenum

Federally endangered

Marin bent grass

Agrostis blasdalei var. *marinensis*

State-listed rare plant and Federal Species of Concern