

## 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

#### Northern Harrier

*Circus cyaneus*

State

#### Northwestern pond turtle

*Actinemys marmorata marmorata*

Federal & State

#### Pacific sand bear scarab beetle

*Lichnanthe ursina*

Federal

#### Globose dune beetle

*Coelus globosus*

Federal

#### Point Reyes Bird's Beak

*Cordylanthus maritimus* ssp. *Palustris*

State

**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