

The Golden Gate National Parks contain more endangered species than any other National Park in continental North America. The Park's astounding array of imperiled species is certainly cause for celebration: we are fortunate to have such a diverse landscape in public ownership. But it is also cause for concern: it may indicate that we need to reflect upon our relationship with this great National Park.

The GGNP Endangered Species Big Year is a race against time to see and save each of the 36 endangered species found in the Park. It is a competitive event: the person who sees and helps save the most species by the end of the year will win the race. Use this checklist to explore the GGNP, examine your relationship to this landscape, and protect the endangered species that call the Park home.



#### Participating in the Endangered Species Big Year is easy:

- *First*, sign-up for your GGNP's Endangered Species Big Year at [www.wildequity.org](http://www.wildequity.org).
- *Second*, use this checklist to discover the GGNP's endangered species and how you can help them recover.
- *Third*, see and save the GGNP's endangered species by exploring the GGNP's and completing actions that help species recover.
- *Fourth*, as you see and save species, mark your checklist and submit the data on-line.
- You can also interact with other competitors and sign-up for Big Year expeditions at [www.wildequity.org](http://www.wildequity.org).

## Endangered Species Big Year Ethical Principles

To help the GGNP's endangered species thrive, all GGNP Endangered Species Big Year participants must follow these Ethical Principles:

### Be a responsible National Park visitor.

- Keep clothes and shoes clean so you don't inadvertently spread invasive plant seeds.
- Never take any animal, plant, or any other item from the Park.
- Learn and respect the rules and values of the National Park.
- Promote the protection and preservation of park resources and values for future generations.
- Share these ethics by word and by example.

### Respect wildlife and wildlife habitats.

- Walk and talk softly.
- Stay on trails and within designated public areas; exercise caution to avoid disturbing or modifying endangered species habitat.
- Never feed wildlife. Allow wild animals to carry on their lives without disruption.
- Never use calls, recordings or other intrusive methods to attract threatened or endangered species.
- Properly dispose of trash; leave behind only footprints.
- Leave pets at home.

### Respect the rights of others.

- Observe all laws and regulations governing roads and public areas.
- Behave in a courteous manner that will generate goodwill for the naturalist community.

The GGNP Endangered Species Big Year is a project of

**WILD**Equity  
INSTITUTE

Building a healthy and sustainable global community for people  
and the plants and animals that accompany us on Earth  
[www.wildequity.org](http://www.wildequity.org)

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## 2010 Golden Gate National Parks Endangered Species **bigyear** CHECKLIST

*A Race Against Time to See and Save  
the GGNP's 36 Endangered Species*

[www.wildequity.org](http://www.wildequity.org)




## Golden Gate National Parks Legislative Boundary




The GGNP is bigger than you think!  
This map will help you explore the  
GGNP during your Endangered  
Species Big Year.

### Checklist Key & Instructions

 These species are too imperiled to see. No wild sightings count for the Big Year. See [wildequity.org](http://wildequity.org) for rules.

 Check-off a species when you observe it in the GGNP.

 Check-off an *action item* when you complete it.

For complete rules, identification tips, upcoming trips, and to record data from your Big Year, visit the Big Year website at [www.wildequity.org](http://www.wildequity.org).

### MAMMALS

Southern Sea Otter

*Reduce disease: landfill—never flush—kitty litter &/or ask others to do so*

Steller Sea Lion

*Keep the sea free of plastics: use a reusable bag when you shop*


Humpback Whale

*Reduce ship strikes: ask public officials for speed limits in marine sanctuaries*


Salt Marsh Harvest Mouse

*Restore Harvest Mouse habitat: volunteer for a marsh restoration project*

### FLOWERING PLANTS

San Mateo Thornmint 

*Restore Thornmint habitat: volunteer at Edgewood County Park*

Presidio Manzanita 

*Preserve native plants: volunteer with San Francisco's Natural Areas Program*

Tiburon Paintbrush

*Restore Paintbrush habitat: volunteer in Marin County*

Fountain Thistle

*Restore Fountain Thistle habitat: volunteer in San Mateo County*

Presidio Clarkia

*Aid Clarkia recovery: help monitor & restore Clarkia in Tennessee Hollow*

San Mateo Woolly Sunflower

*Spread the word: tell the Sunflower's story and convince five people to help*

Marin Dwarf-Flax


*Restore Dwarf-Flax habitat: volunteer with the Presidio Park Stewards*

San Francisco Lessingia


*Aid Lessingia recovery: monitor & restore Lessingia in Lobos Creek Valley*

White-Rayed Pentachaeta

*Help control invasive plants: become a GGNP Weed Watcher*

California Seablite 

*Restore Seablite habitat: expand restoration efforts at Crissy Field Marsh*

Showy Indian Clover 

*Call public officials: ask them to provide equal ESA protection for plants*

Gowen Cypress

*Think & Adapt: consider how to best save nature in an era of climate change*

### HERPS (REPTILES & AMPHIBIANS)

California Red-Legged Frog

*Restore frog habitat: volunteer at Mori Point*

San Francisco Garter Snake

*Restore Garter Snake habitat: tell public officials to restore Sharp Park*

### BIRDS

Marbled Murrelet

*End oil spills: walk, bike, or take transit to work for a week*

Western Snowy Plover

*Reduce harassment: leash your dog in plover areas &/or ask others to do so*

California Clapper Rail

*Keep baby birds safe: keep your cat indoors &/or ask others to do so*

California Least Tern

*Restore nesting habitat: volunteer at the proposed Alameda Wildlife Refuge*

Northern Spotted Owl

*Restore foraging habitat: volunteer at Muir Woods*

### INVERTEBRATES

San Bruno Elfin Butterfly

*Restore Elfin habitat: volunteer at San Bruno Mountain &/or in Pacifica*

Bay Checkerspot Butterfly

*Combat global warming: calculate your carbon footprint, then reduce it*

Mission Blue Butterfly

*Restore Mission Blue habitat: volunteer in Marin or San Mateo Counties*

Myrtle's Silverspot Butterfly 

*Reintroduce populations: encourage reintroduction of the Myrtle's*

California Freshwater Shrimp

*Conserve freshwater for the Shrimp: minimize water leaks in your home*

Black Abalone

*Fight poaching: ask public officials to fund game wardens*

### FISHES

Tidewater Goby

*Monitor invasive aquatic species: learn to identify them and report sightings*

Coho Salmon, Central California Coast ESU

*Rescue trapped Coho: volunteer in Marin to rescue fish from drying streams*

Steelhead, California Central Valley DPS

*Fund restoration: ask public officials for more GGNP restoration funding*

Steelhead, Central California Coast DPS

*Restore Steelhead habitat: volunteer in the GGNP restoring riparian areas*

Chinook Salmon, Sacramento River Winter-Run ESU

*Support the ESA: ask public officials for a strong Endangered Species Act*

Chinook Salmon, Central Valley Spring-Run ESU

*Reduce pesticide use: eat only local organic foods for a week*

North American Green Sturgeon

*Reduce household & yard toxins: replace toxins with earth-friendly products*

For detailed information on where to see and how to save the GGNP's 36 endangered species, visit [www.wildequity.org](http://www.wildequity.org).