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 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.

# **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

# WILDEquity

Building a healthy and sustainable global community for people and the plants and animals that accompany us on Earth www.wildequity.org



dan 1915 merkala mengah 1925 pertamanan menjada pangah dan belangan

Photos: California Red-legged Frog - Brent Plater. High School Students Brent Plater. San Francisco Garter Snake - Ryan Jones.



2012 Golden Gate National Parks
Endangered Species

O CHECKLIST

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

www.wildequity.org



# Fight poaching: ask public officials to fund game wardens Black Abalone Conserve freshwater for the Shrimp: minimize water leaks in your home California Freshwater Shrimp Reintroduce populations: encourage reintroduction of the Myrtle's 0 Myrtle's Silverspot Butterfly Restore Mission Blue habitat: volunteer in Marin or San Mateo Counties Mission Blue Butterfly Combat global warming: calculate your carbon footprint, then reduce it Bay Checkerspot Butterfly Restore Elfin habitat: volunteer at San Bruno Mountain &or in Pacifica San Bruno Elfin Butterfly **CETTEBRATES** Restore foraging habitat: volunteer at Muir Woods Northern Spotted Owl Restore nesting habitat: volunteer at the proposed Alameda Wildlife Refuge California Least Tern Keep baby birds safe: keep your cat indoors &/or ask others to do so California Clapper Rail Reduce harassment: leash your dog in plover areas &/or ask others to do so Western Snowy Plover End oil spills: walk, bike, or take transit to work for a week Marbled Murrelet BIRDS

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

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

Restore Steelhead habitat: volunteer in the GGNP restoring riparian areas

Fund restoration: ask public officials for more GGNP restoration funding

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

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

Chinook Salmon, Sacramento River Winter-Run ESU

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

Chinook Salmon, Central Valley Spring-Run ESU

Steelhead, Central California Coast DPS

Steelhead, California Central Valley DPS

Coho Salmon, Central California Coast ESU

Tidewater Goby

**FISHES** 

North American Green Sturgeon

# For detailed information on where to see and how to save the GGNP's 36 endangered species, visit wildequity.org. <u>(ENAIBIH9MA & CEPTILES & AMPHIBIANS)</u> Think & Adapt: consider how to best save nature in an era of climate change Gowen Cypress Call public officials: ask them to provide equal ESA protection for plants Showy Indian Clover 0 Restore Seablite habitat: expand restoration efforts at Crissy Field Marsh California Seablite Help control invasive plants: become a GGNP Weed Watcher White-Rayed Pentachaeta Aid Lessingia recovery: monitor & restore Lessingia in Lobos Creek Valley San Francisco Lessingia Restore Dwarf-Flax habitat: volunteer with the Presidio Park Stewards Marin Dwarf-Flax Spread the word: tell the Sunflower's story and convince five people to help San Mateo Woolly Sunflower Aid Clarkia recovery: help monitor & restore Clarkia in Tennessee Hollow Presidio Clarkia Restore Fountain Thistle habitat: volunteer in San Mateo County Fountain Thistle Restore Paintbrush habitat: volunteer in Marin County Tiburon Paintbrush Preserve native plants: volunteer with San Francisco's Natural Areas Program Presidio Manzanita Restore Thornmint habitat: volunteer at Edgewood County Park 0 San Mateo Thornmint FLOWERING PLANTS Restore Harvest Mouse habitat: volunteer for a marsh restoration project Salt Marsh Harvest Mouse Reduce ship strikes: ask public officials for speed limits in marine sanctuaries Humpback Whale Keep the sea free of plastics: use a reusable bag when you shop Steller Sea Lion Reduce disease: landfill-never flush-kitty litter &/or ask others to do so

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

San Francisco Garter Snake

California Red-Legged Frog

Southern Sea Otter

SJAMMAM

Restore frog habitat: volunteer at Mori Point

## Golden Gate National Parks Legislative Boundary

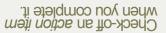


The GGNP is bigger than you think!
This map will help you explore the
GGNP during your Endangered
Species Big Year.

## Checklist Key & Instructions







For complete rules, identification tips, upcoming trips, and to record data from your Big Year, visit the Big Year website at wildequity.org.