

# The National Park Service Mission

*"... to conserve the scenery and the natural and historic objects and the wild life therein and to provide for the enjoyment of the same in such manner and by such means as will leave them unimpaired for the enjoyment of future generations."*

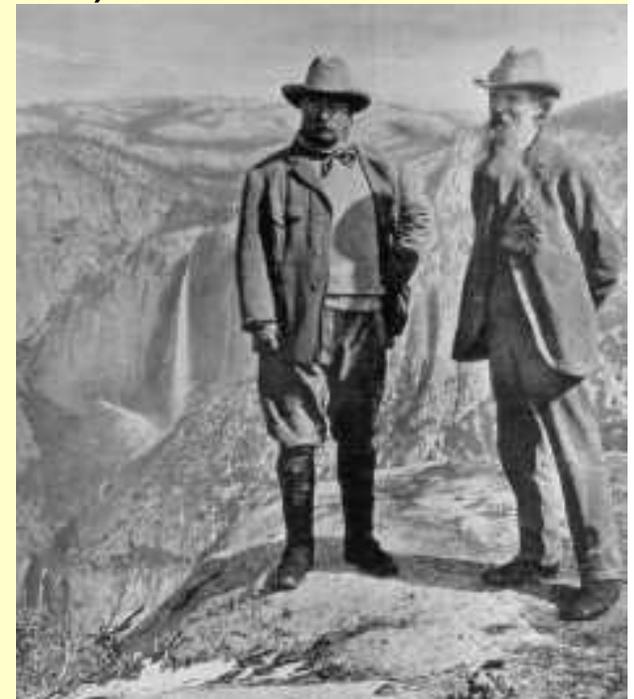
[National Park Service Organic Act, 16 U.S.C.1.](#)



# National Park Service, Department of Interior

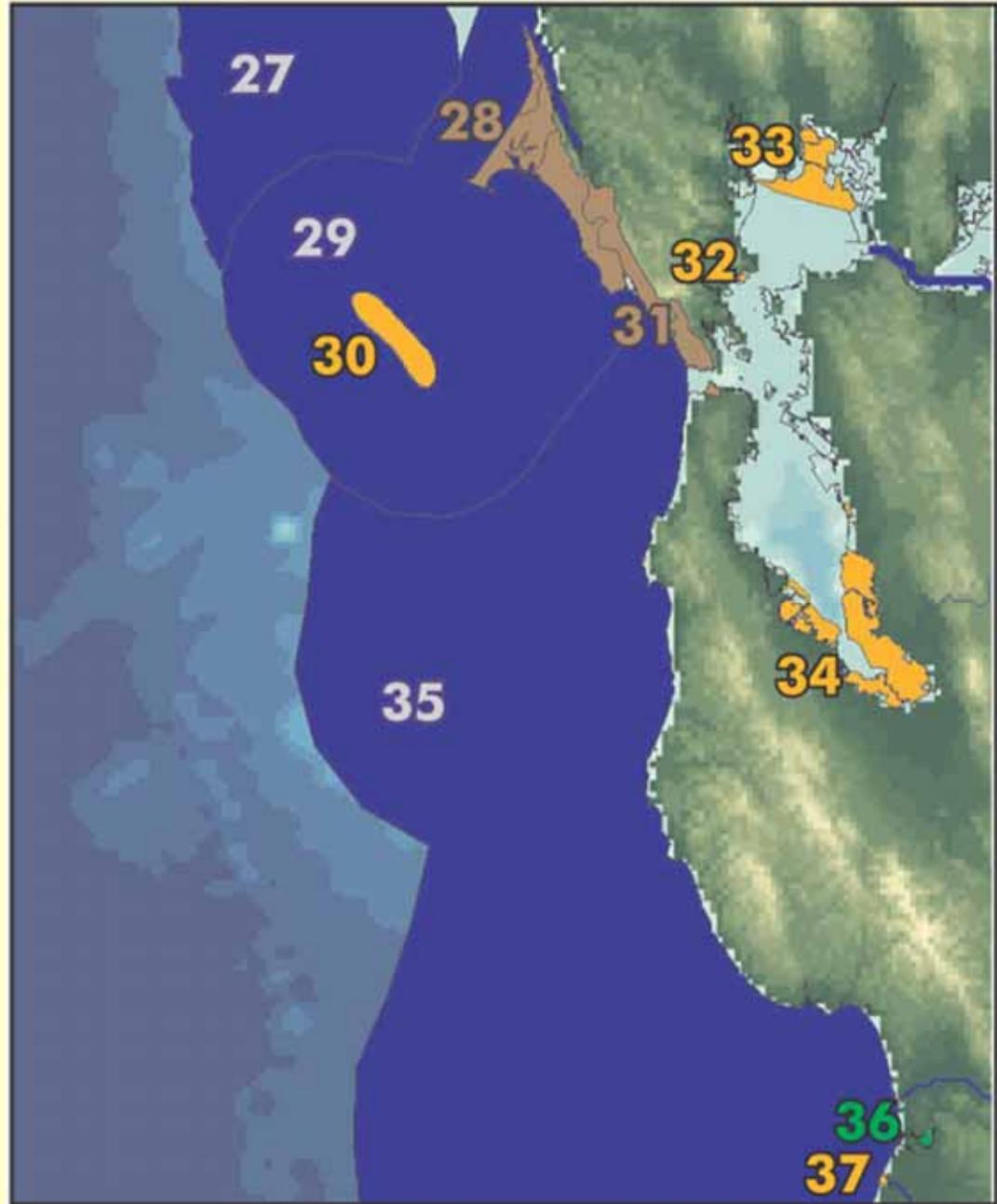


- Yellowstone first National Park established in 1872
- 390 National Park Service units
  - 74 Ocean Parks with 34 million acres
  - 5,100 miles of shoreline
- Pacific West Region (WA, OR, CA, HI)
  - 24 Ocean Parks
  - 700 miles of shoreline

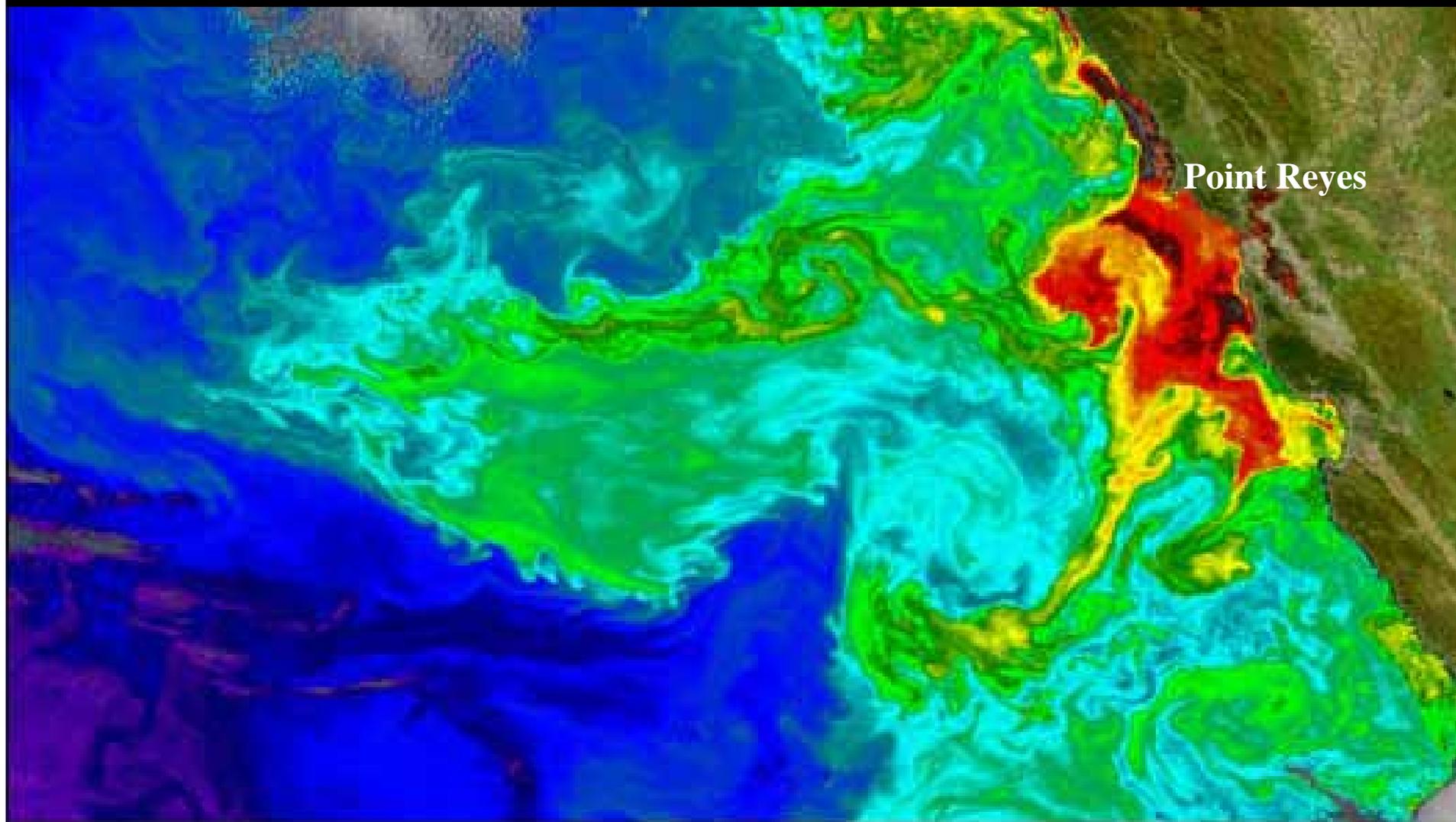


## Central California Network of Protected areas

- 27 Cordell Bank NMS
- 28 Point Reyes NS
- 29 Gulf of the Farallones
- 30 Farallones NWR
- 31 Golden Gate NRA
- 32 Marin Is. NWR
- 33 San Pablo Bay NWR
- 34 Don Edwards NWR
- 35 Monterey Bay NMS



**Point Reyes National Seashore  
is in heart of an eastern boundary coastal upwelling ecosystem**



Chlorophyll Concentrations



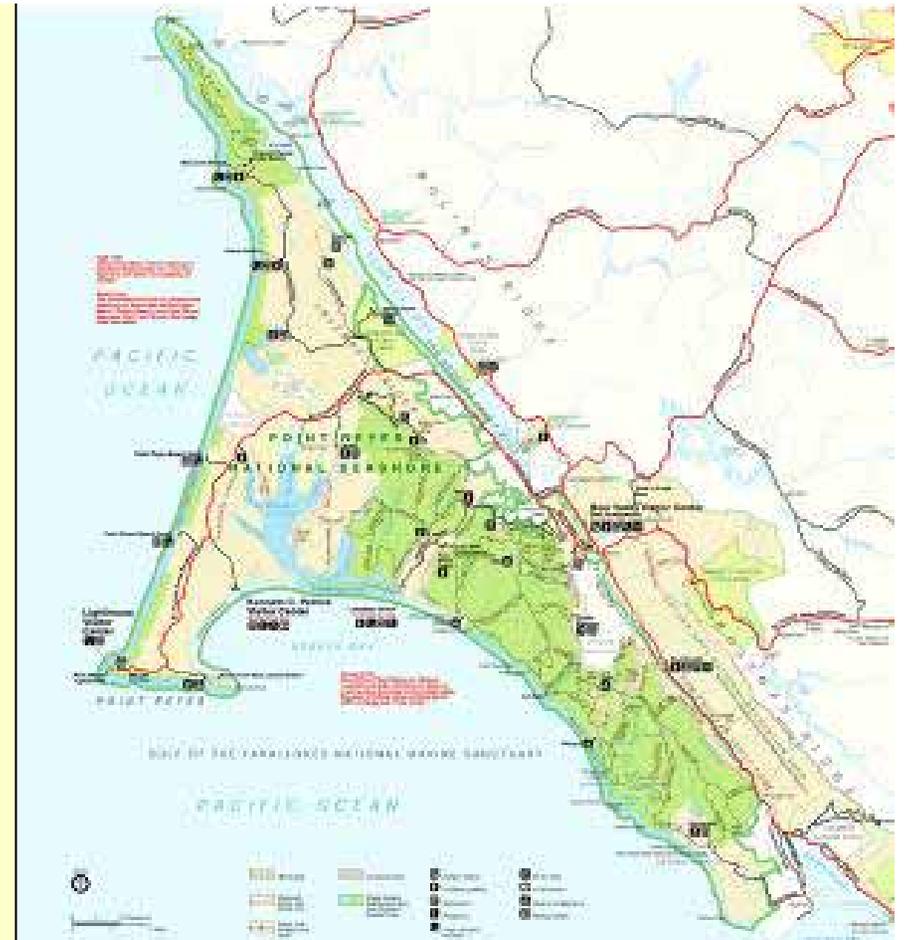
# Point Reyes National Seashore

- Established in 1962  
50th anniversary in 2012
- One hour's drive from  
San Francisco Bay Area  
with 8 million people
- 2.5 million visitors annually



# Point Reyes protects...

Over 71,000 acres,  
including 32,000 acres  
of congressionally  
designated Wilderness



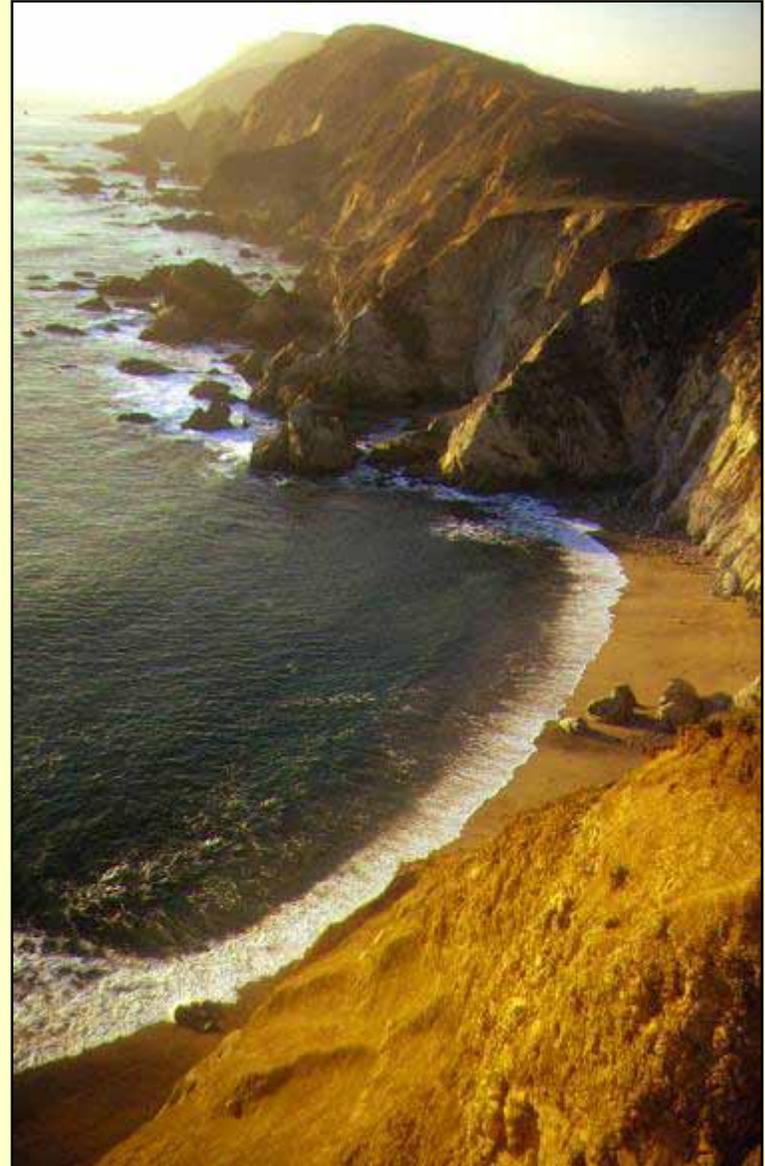
Point Reyes is...

the only national seashore on the west coast and includes the only marine wilderness on the Pacific Coast south of Alaska



# Point Reyes NS

100 miles of undeveloped coastline (sandy beaches, rocky cliffs, estuaries, and salt marshes)



Point Reyes includes

The San Andreas fault

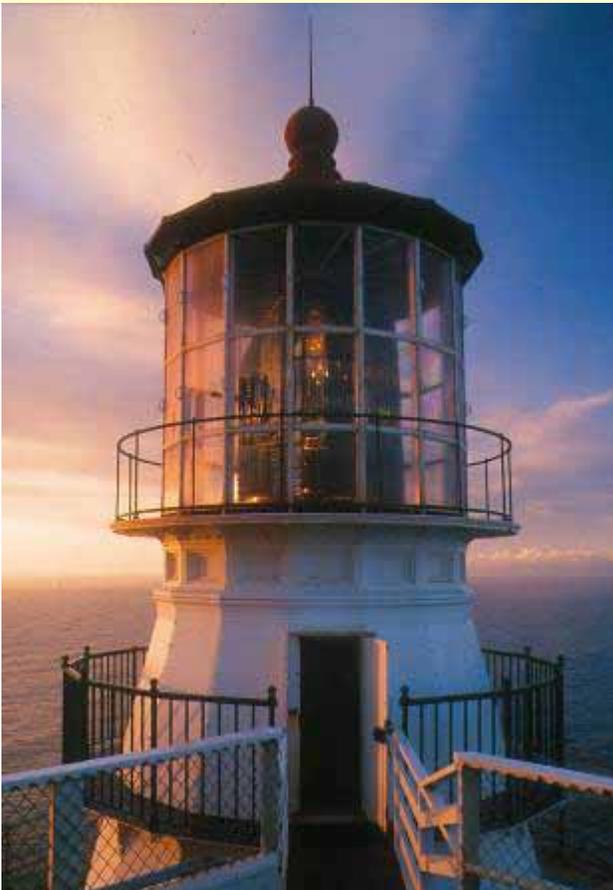


Photo Robert Campbell

# Point Reyes has....

297 historic structures

> 490,000 historical and archeological pieces in park museum



Point Reyes is also home to

24,000 acres of active ranch lands for dairy and beef cattle

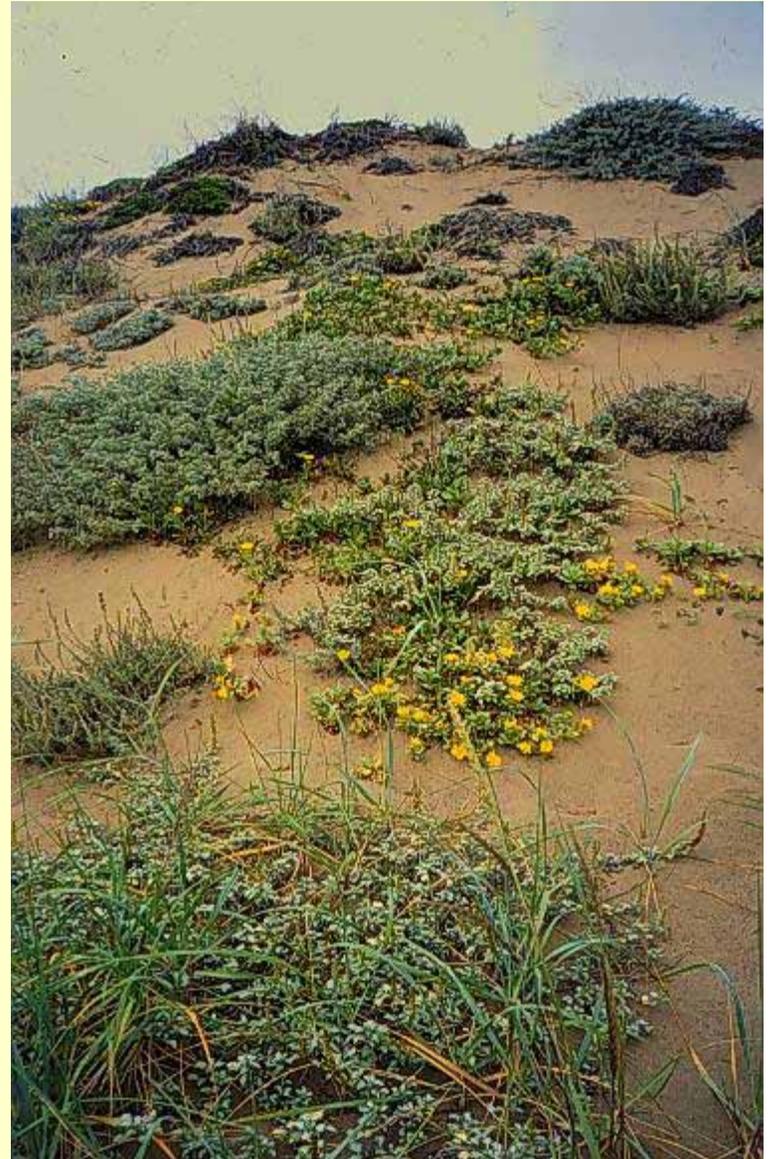


Point Reyes is home to...

Over 900 species of  
flowering plants



Including several plants rare in coastal dunes...



Point Reyes protects...

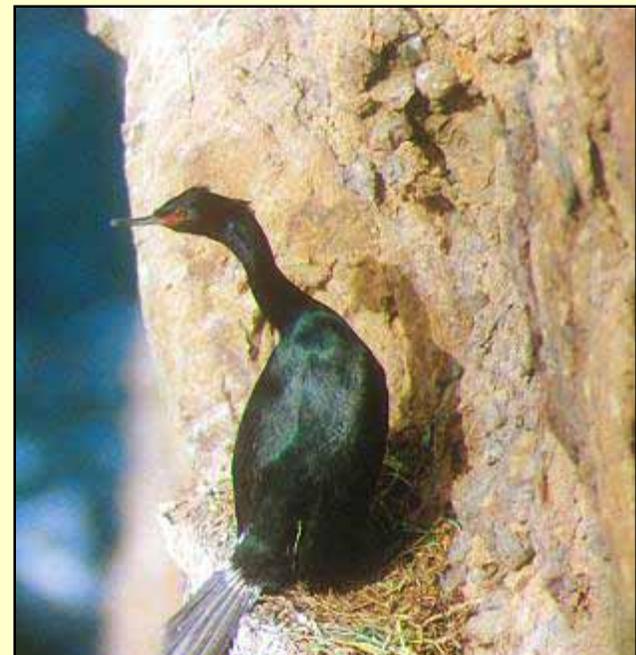
**27 threatened and  
endangered species**



# Point Reyes is home to...

**Over 490 species of birds  
11 species of nesting  
seabirds**

**> 150 species of  
wintering water birds,  
shorebirds and  
seabirds**



Point Reyes is home to...

**Over 28 species  
amphibians and reptiles**

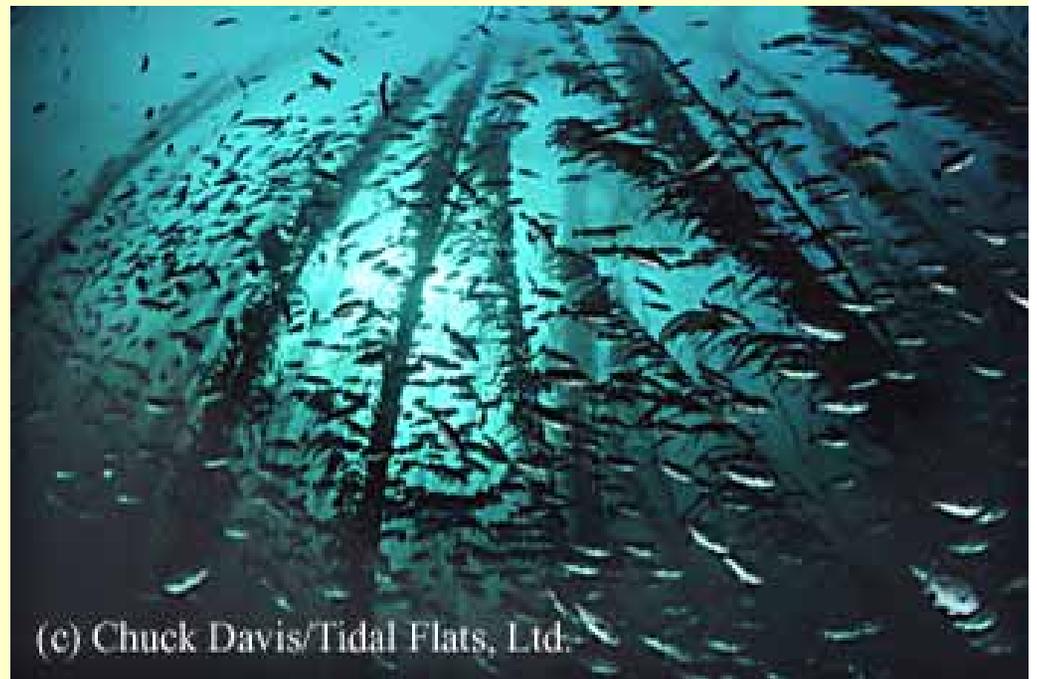


Point Reyes is home to..

**Over 135 species of fish**

**more than 75%**

**are marine**



Point Reyes provides  
refuge for...

65 species of  
mammals



33 species  
of which are  
marine mammals



# Point Reyes is a haven for wildlife



- NPS uses science to inform park management to protect park resources with an adaptive management strategy to guide protection of species and ecosystems.
- You are part of that strategy as trained volunteers = citizen scientists

# Strategy at PRNS to Understand Marine Resources

## Inventory

- Subtidal habitat
- Species – ATBI of Tomales Bay
- Water quality
- Coastal watershed assessment

## Monitor and Assess

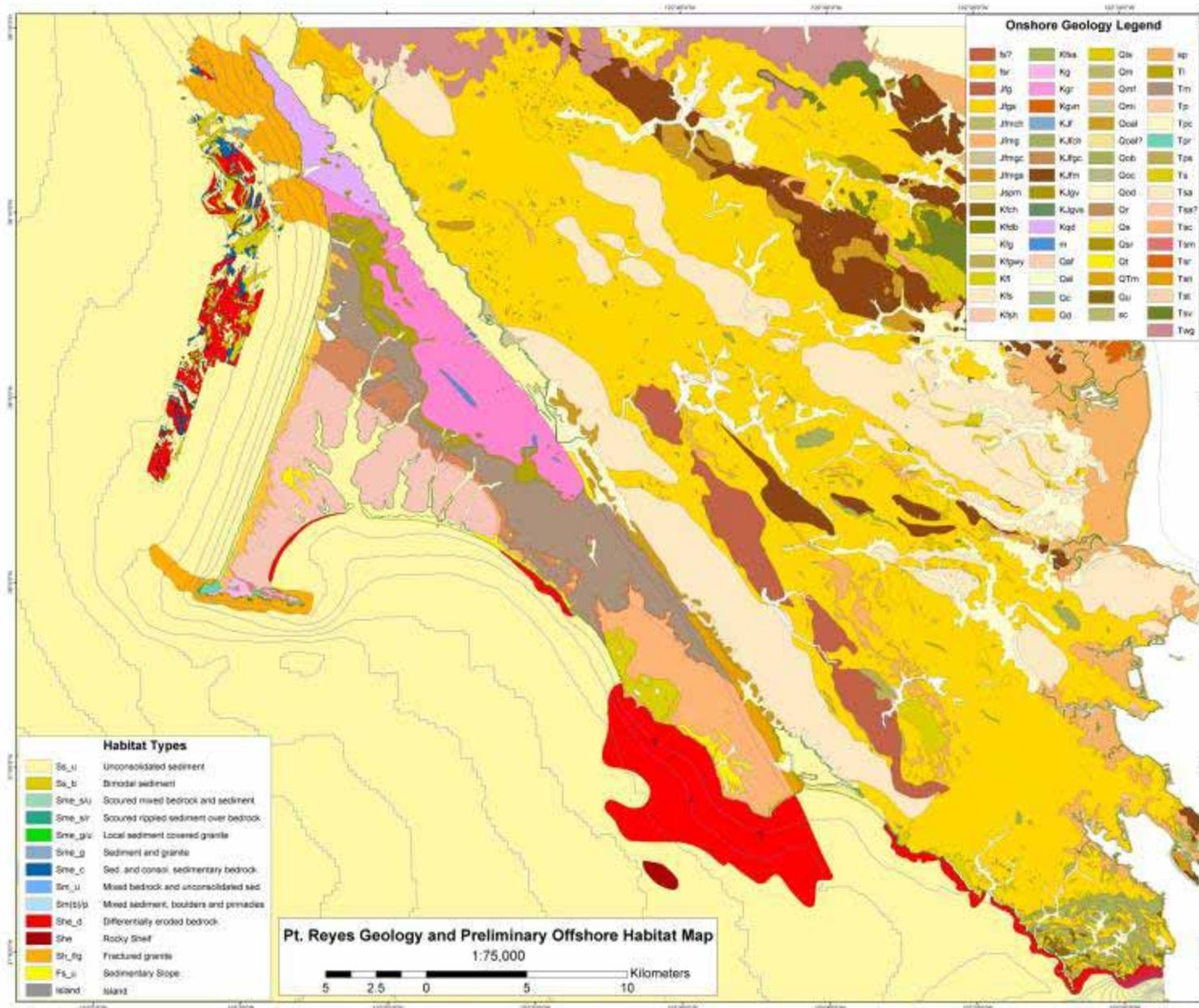
- Species/communities
- Nearshore currents
- Shoreline change
- Water quality

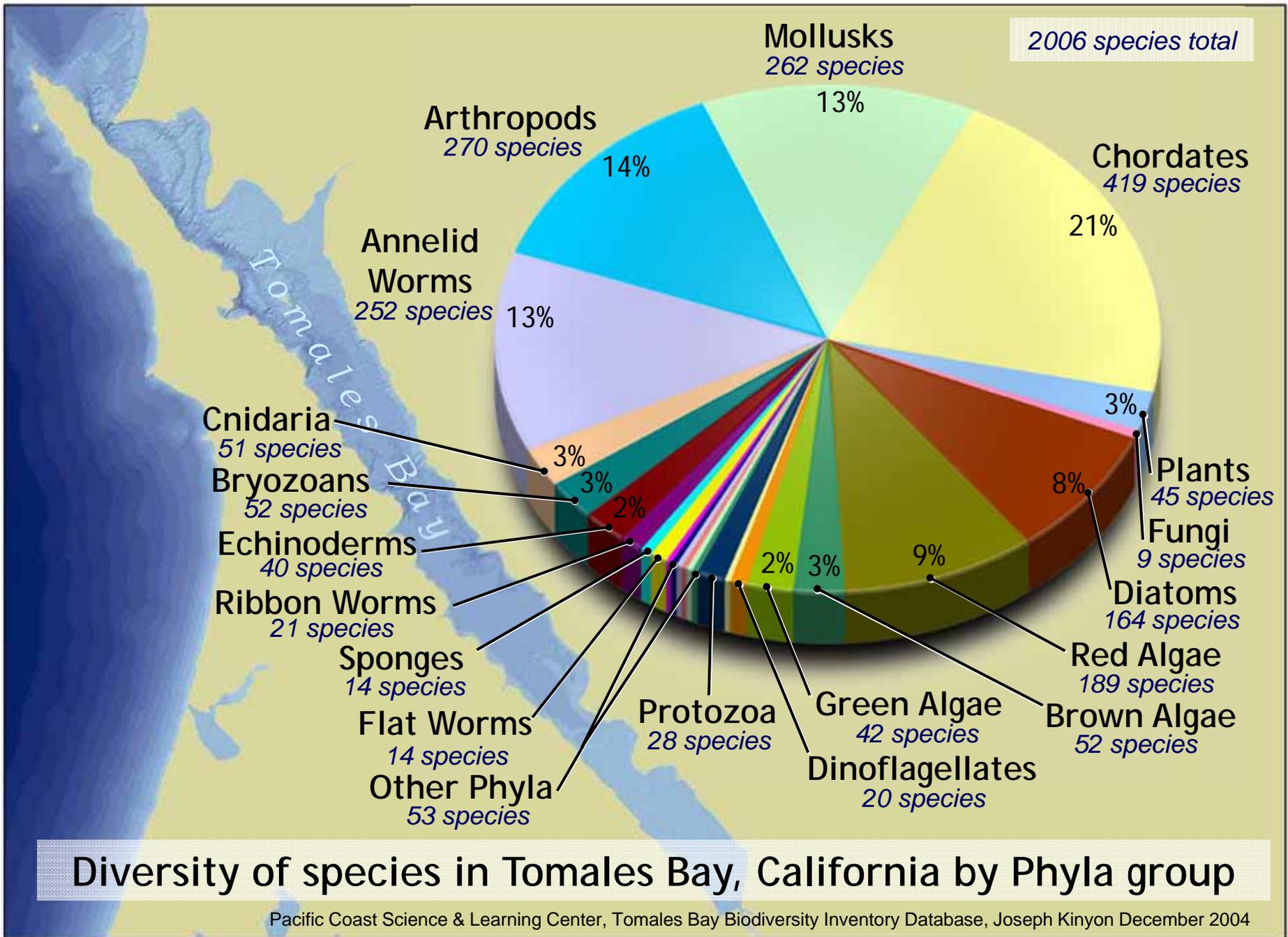
## Manage

- Restoration
- Protection
- Education



# Inventory - subtidal habitat mapping





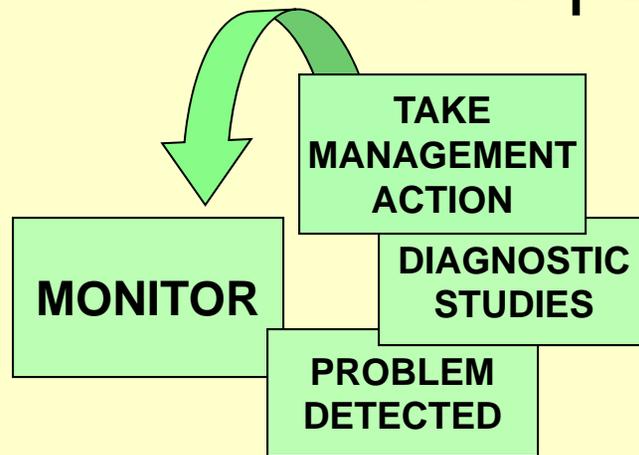


All images © Leslie Harris

# Summary



Stewardship through adaptive management  
and partnership



Management actions =  
Research  
Protect habitat/species  
Restore habitat/species  
Education

***Questions?***



# ***Stewardship***

"Now, I truly believe, that we in this generation, must come to terms with nature, and I think we're challenged as mankind has never been challenged before to prove our maturity and our mastery, not of nature, but of ourselves."

