



South Bay Salt Pond Restoration Project

Restoring the Wild Heart of the South Bay



California Gull: Challenges and Opportunities for Restoration

Cheryl M. Strong, USFWS

California Gulls

in San Francisco Bay and beyond

effects on other species

cumulative effects: gulls + restoration

improving nesting success of *other* nesting waterbirds

All data from:



Not all gulls are created equal

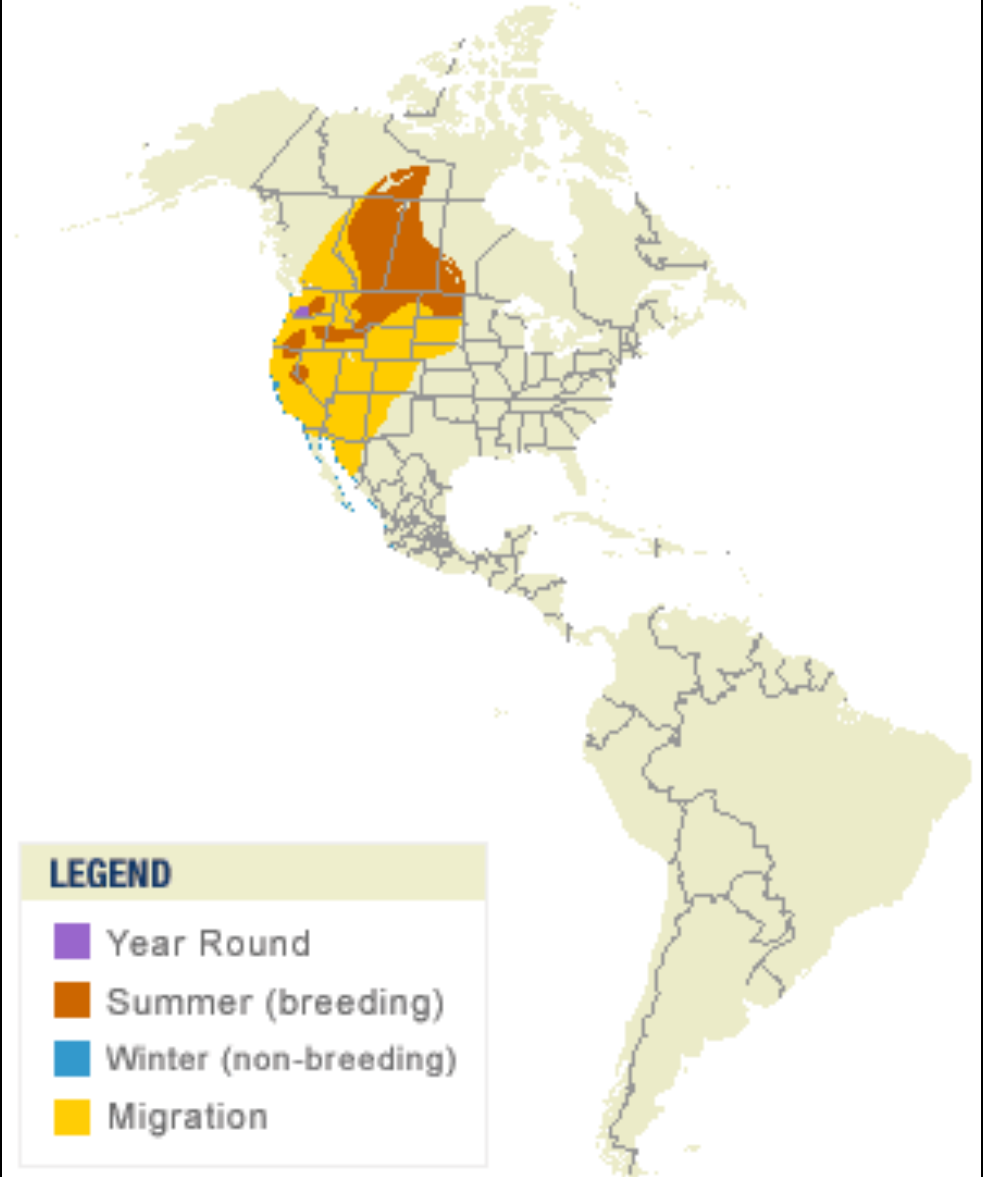




R. Golden

California Gull

Larus californicus



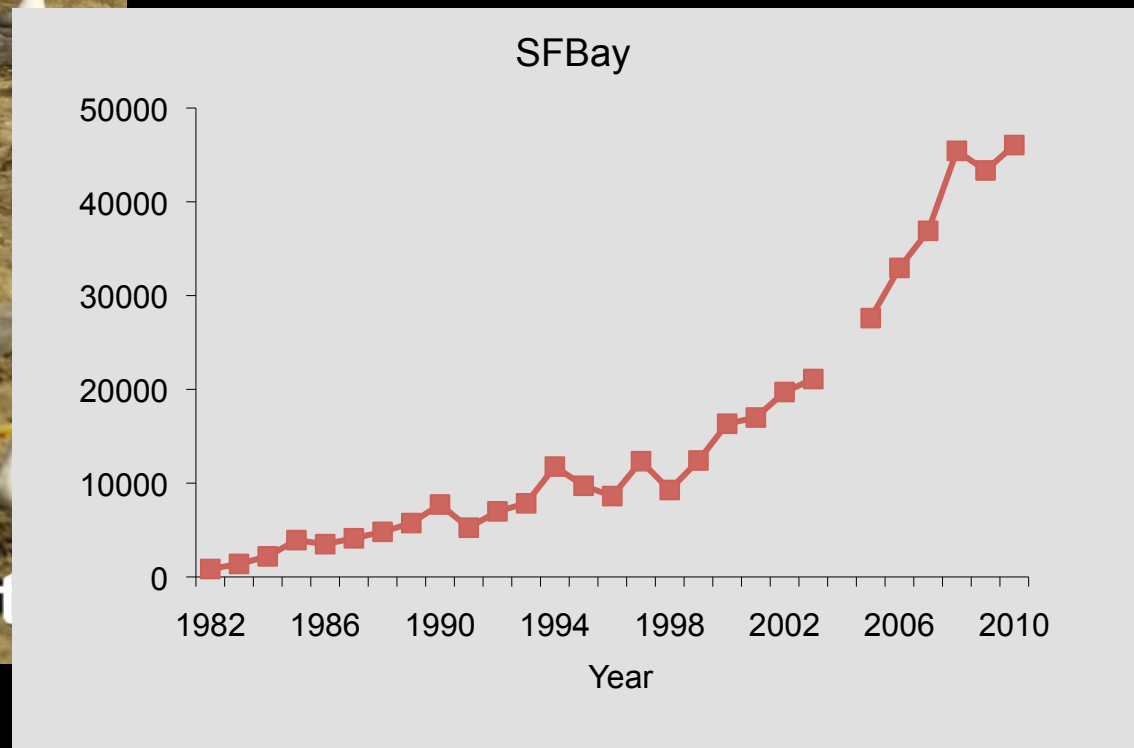
LEGEND

- Year Round
- Summer (breeding)
- Winter (non-breeding)
- Migration

Map by Cornell Lab of Ornithology
Range data by NatureServe

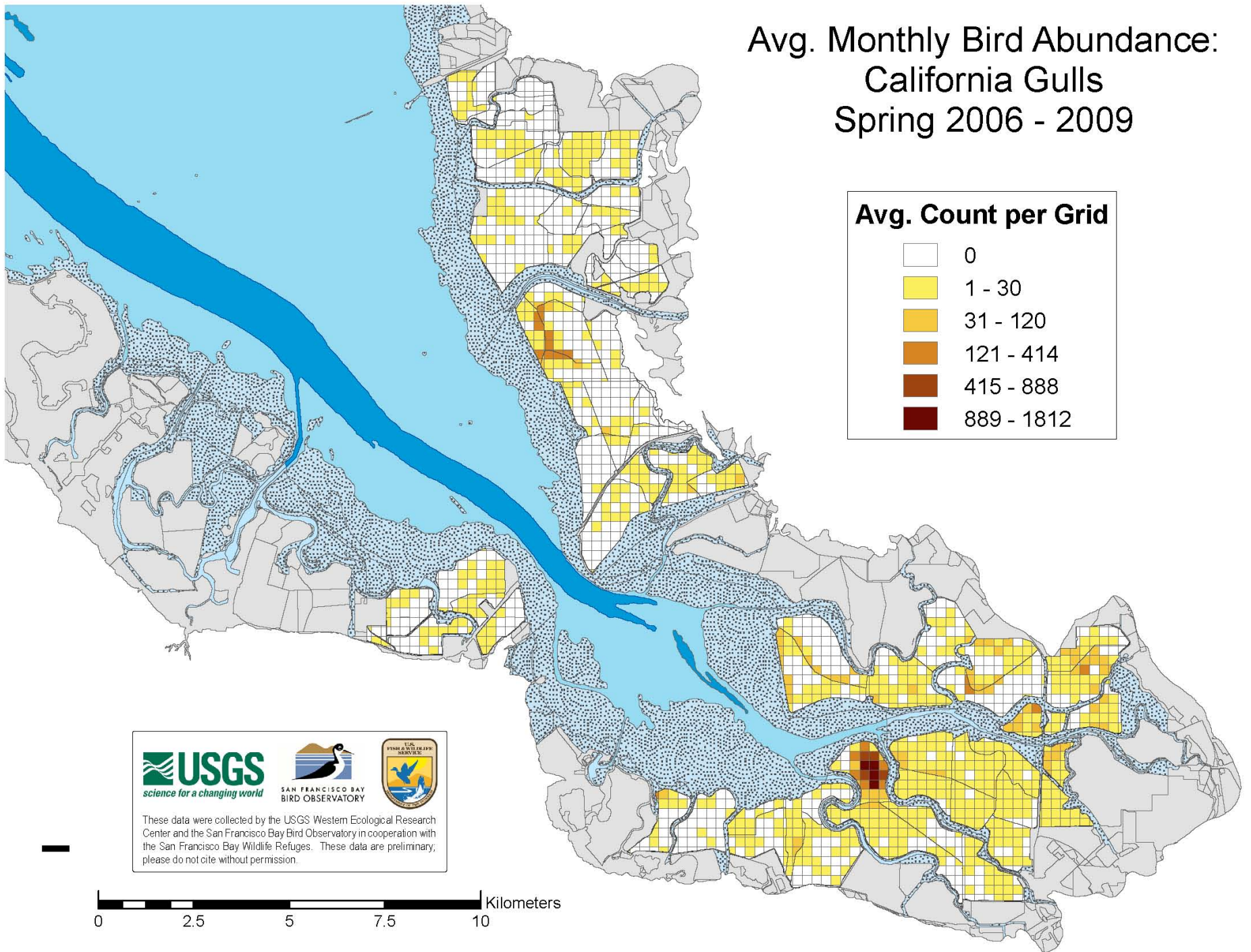
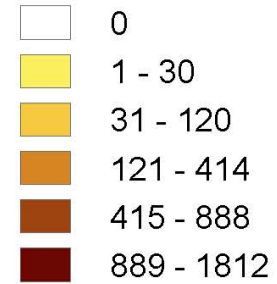


San Francisco Bay gull numbers



Avg. Monthly Bird Abundance: California Gulls Spring 2006 - 2009

Avg. Count per Grid

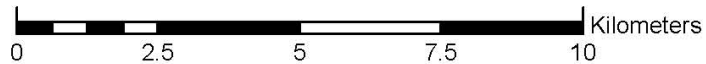


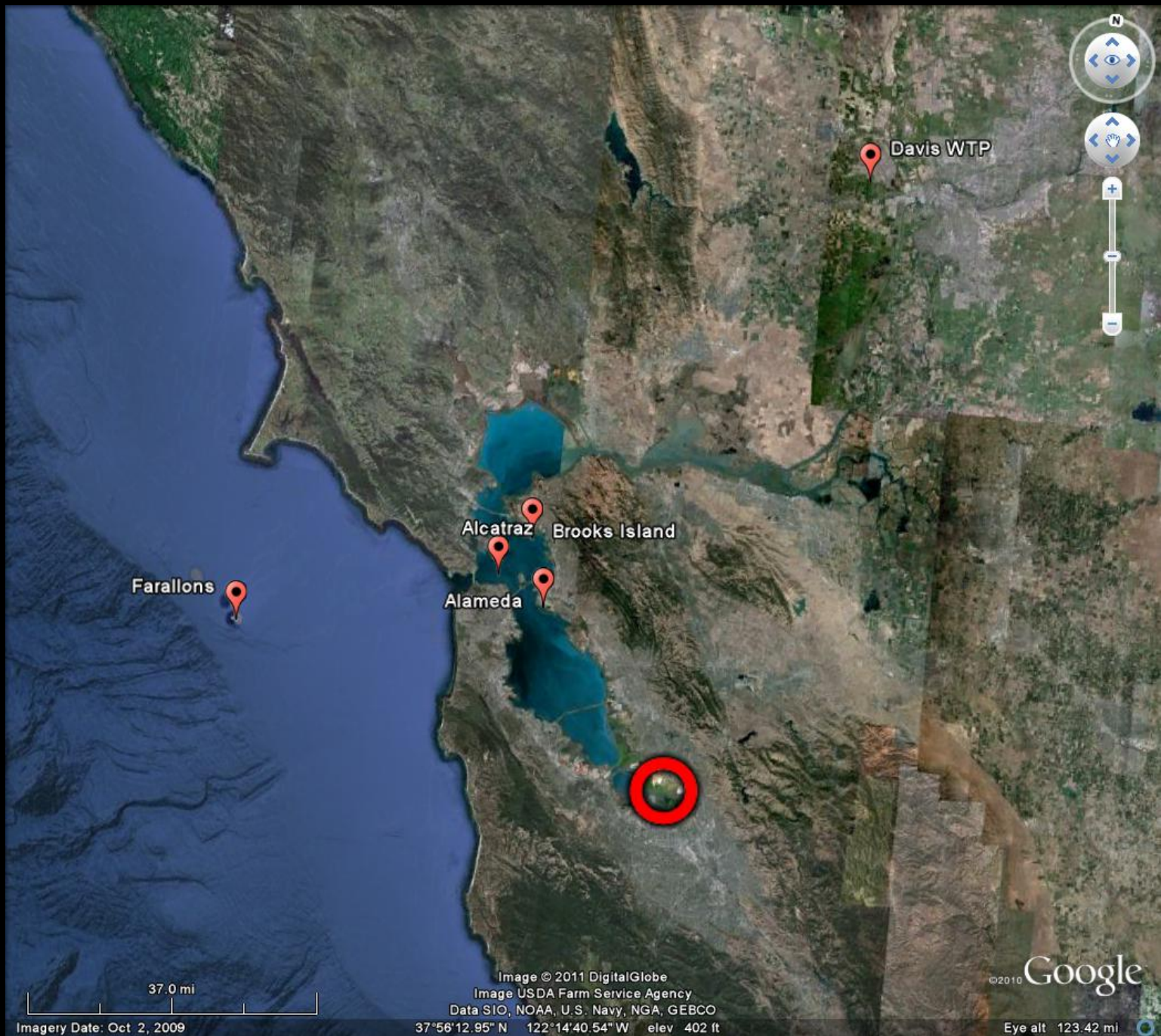
USGS
science for a changing world

SAN FRANCISCO BAY
BIRD OBSERVATORY

U.S.
FISH & WILDLIFE
SERVICE

These data were collected by the USGS Western Ecological Research Center and the San Francisco Bay Bird Observatory in cooperation with the San Francisco Bay Wildlife Refuges. These data are preliminary; please do not cite without permission.





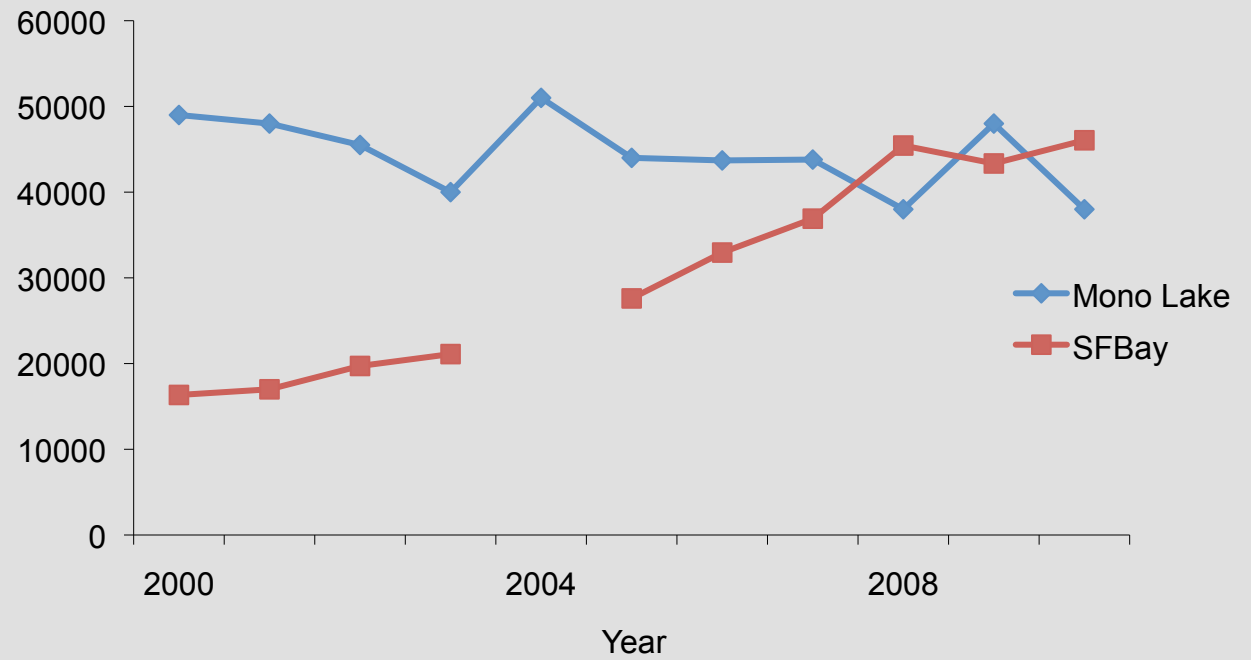
37.0 mi
Imagery Date: Oct 2, 2009

Image © 2011 DigitalGlobe
Image USDA Farm Service Agency
Data SIO, NOAA, U.S. Navy, NGA, GEBCO
37°56'12.95" N 122°14'40.54" W elev 402 ft

©2010 Google
Eye alt 123.42 mi



SF Bay and Mono Lake gull numbers





M. Kern



K. Larson



S. Norton



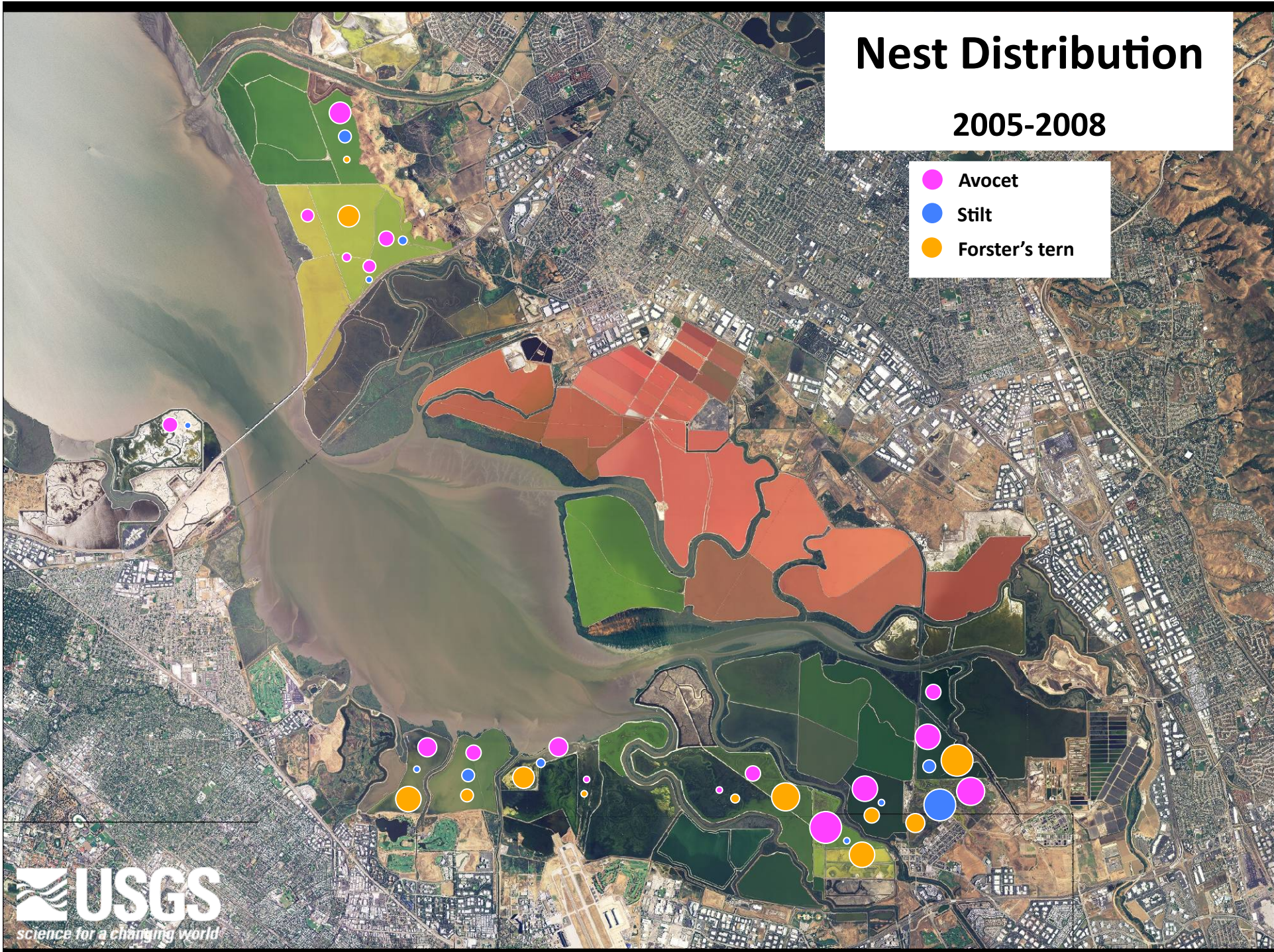
R. Wilming

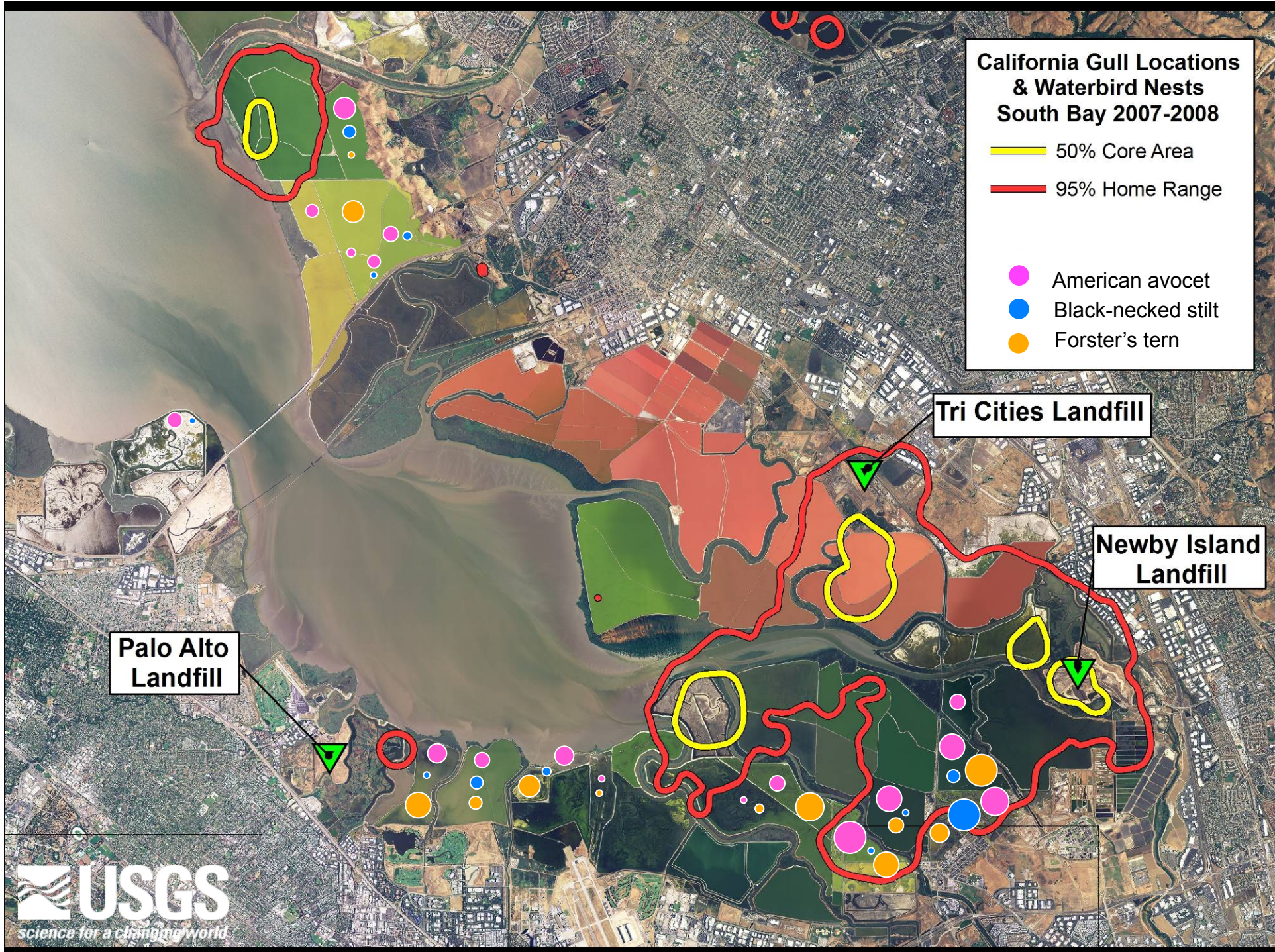


Nest Distribution

2005-2008

- Avocet
- Stilt
- Forster's tern







J. Irving

tidal marsh restoration at A6



breach of pond A6

Improving the nesting success of (non-gull) waterbirds



Islands

Shells

“No gull” zones



C. Benton



K. Larson



G. Ellis

Had enough of seagulls!

Nesting on your chimney stack, calling out
from the ridge tiles or bombarding you in
the garden when the chicks are born?

Well you don't have to put up with it any
more! Pick up the phone and call

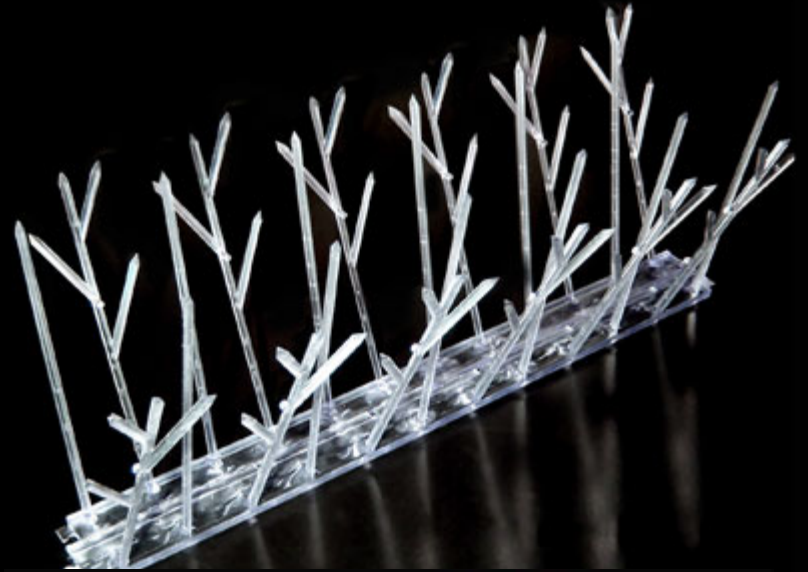


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